



## ***MailXML 9.0***

### **Supply Chain Message Specification**

***DRAFT Release***

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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 and to work with FAST.

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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 9.0***

With this release, the Mail.XML Messaging Protocol moves to Version 9.0. This is a MAJOR release that corrects technical errors, implements new message sets for Transportation and Mail.dat interfaces and supports ongoing USPS modernization and automation efforts for 2010 and 2011.

## ***About Schema Modularization***

As of the release of MailXML 9.0, Mail.XML messages are now grouped into 6 message types.

- Transportation Messages
- Mailing Messages
- Data Distribution Messages
- Identification Messages
- Supply Chain Messages
- System Messages

The underlying schemas have been modularized to reflect these distinct message sets. In addition three “shared” or “common” schemas have been developed. One stores simple

type definitions that can be shared across message sets. A second common module is made up of common elements and complex types that are shared across two or more message sets. The final common module is made up of system messages and the attributes, elements and complex types that are *unique* to these messages.

MailXML schema modules are designed to stand alone, enabling those interested in one or more message sets to develop and validate just those message sets without the requirement to address the entire MailXML specification. Each module will validate by itself or in combination with all other message sets when the entire MailXML Specification is considered. In addition each module will be versioned separately. Version numbers are contained within the namespace designation. Modules will be documented individually as well.

The following MailXML XSD modules/namespaces have been developed:

- **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 and the attributes, elements and complex types that are *unique* to these messages. *Namespace=mailxml mm:*
- **mailxml\_dd.xsd:** This module contains all the data distribution messages (eDoc) 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.xsd:** This module contains all the system messages and the attributes, elements and complex types that are *unique* to these messages. Note that in order for the <MessageResponseRetrievalResponse to work, all the other message modules are included by the system.xsd  
*Namespace=mailxml:*
- **mailxml\_defs.xsd:** This module contains all the common definitions of attributes, elements and complex types that are used across one or more message types. *Namespace=mailxml defs:*
- **mailxml\_base.xsd:** This module contains all the simple types that are used anywhere in mailxml. These can be considered a building block for any message group. *Namespace=mailxml base:*
- **mailxml.xsd:** This module contains the system messages of MailXML and is used to build custom profiles for MailXML. *Namespace=mailxml:*

## ***The Mail.XML™ Messaging Roadmap***

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 9.0. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- *Mail.XML™ 9.0: Primer* provides an introduction and overview of the Mail.XML 8.0 Specification and an overview of the Mail.XML messages.
- *Mail.XML™ 9.0: Transportation Messaging Specification* documents all transportation messages
- *Mail.XML™ 9.0: Mailing Messaging Specification* documents all mailing messages
- *Mail.XML™ 9.0: Data Distribution Messaging Specification* documents all data distribution messages
- *Mail.XML™ 9.0: Identification Messaging Specification* documents all identification messages
- *Mail.XML™ 9.0: Supply Chain Messaging Specification* documents all supply chain messages
- *Mail.XML™ 9.0: System Messaging Specification* documents all supply chain messages
- *Mail.XML™ 9.0: Simple Types Specification* documents all simple types used across MailXML messages
- *Mail.XML™ 9.0: Fault and Return Information Specification* documents all fault and return codes.
- *Mail.XML™ 9.0: Schemas* contains the .XSDs that make up the Mail.dat Transaction Messaging Specification.

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# 1 Index

## 1.1 Supply Chain Message Element Index

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[OriginalContainerLinkageCreateResponse](#)  
[PostageAdjustmentCreateRequest](#)  
[PostageAdjustmentCreateResponse](#)  
[SiblingContainerCancelRequest](#)  
[SiblingContainerCancelResponse](#)  
[SiblingContainerCreateRequest](#)  
[SiblingContainerCreateResponse](#)

## 1.2 Supply Chain Message Complex Type Index

[linkageType](#)  
[linkingContainerIDType](#)

## 1.3 Common Definitions Element Index

[ContainerDetailData](#)  
[ContainerInfoData](#)  
[DataRecipient](#)  
[DocumentVersionData](#)  
[DocumentVersionDataWithPermit](#)  
[ExtraServiceData](#)  
[ExtraServiceSummaryData](#)  
[LargeTransactionDivider](#)  
[LargeTransactionDividerResult](#)  
[LineItemSummaryData](#)  
[QueryError](#)

## 1.4 Common Definitions Complex Type Index

<a href="#">actualBedloadType</a>	<a href="#">intelligentMailBarcodeType</a>
<a href="#">actualPalletType</a>	<a href="#">maildatContainerIDType</a>
<a href="#">addressCorrectionAddressType</a>	<a href="#">maildatSummaryType</a>
<a href="#">addressType</a>	<a href="#">mailerDataRequestType</a>
<a href="#">basicReturnInfoType</a>	<a href="#">mailerDataType</a>
<a href="#">bundleRecordType</a>	<a href="#">mailingGroupDataType</a>
<a href="#">bundleVersionRecordType</a>	<a href="#">mailOwnerBlockType</a>
<a href="#">certificationDataType</a>	<a href="#">mailPieceBlockGroupType</a>
<a href="#">commonContactType</a>	<a href="#">mailPieceBlockType</a>
<a href="#">consigneeFacilityType</a>	<a href="#">mailPieceIDType</a>
<a href="#">contactIDType</a>	<a href="#">MailXMLContainerIDType</a>
<a href="#">containerCountType</a>	<a href="#">measurementType</a>
<a href="#">containerIDType</a>	<a href="#">MIDType</a>
<a href="#">containerInductionInfoType</a>	<a href="#">newAddressCorrectionAddressType</a>
<a href="#">containerPostageType</a>	<a href="#">palletContainerRecordType</a>
<a href="#">foreignAddressType</a>	<a href="#">palletContainerVersionRecordType</a>
<a href="#">fullContainerIDType</a>	<a href="#">participantIDType</a>
<a href="#">gPSCoordinates</a>	<a href="#">PDRMailPieceBlockType</a>

[permitPublicationDataType](#)  
[pieceRangeBlockType](#)  
[presortType](#)  
[qualificationPreparerDataType](#)  
[queryErrorType](#)  
[returnInfoType](#)  
[sackTrayContainerRecordType](#)

[sackTrayContainerVersionRecordType](#)  
[submittingSoftwareType](#)  
[uspsClosedBySVType](#)  
[uspsDetailType](#)  
[verificationErrorType](#)  
[zipCode](#)

## ***1.4 Common Definitions Attribute Index***

[ContainerGroupRequestHeaderInfo](#)  
[ContainerGroupResponseHeaderInfo](#)  
[LargeTransactionDividerGroupOptionalType](#)  
[LargeTransactionDividerGroupType](#)  
[MailGroupLargeTransactionDividerGroupType](#)  
[MailingGroupIDHeaderInfo](#)  
[MailingGroupMessageHeaderInfo](#)  
[MailPieceGroupRequestHeaderInfo](#)  
[MailPieceGroupResponseHeaderInfo](#)  
[MailXMLHeaderInfo](#)  
[MailXMLMessageHeaderInfo](#)  
[MailXMLMessageOptionalHeaderInfo](#)  
[MailXMLMsgResponseHeaderInfo](#)  
[QueryMsgHeaderInfo](#)  
[RequestMsgHeaderInfo](#)  
[ResponseMsgHeaderInfo](#)  
[SiblingIdentifierHeaderInfo](#)

## 2 Supply Chain Message Elements

### element **OriginalContainerLinkageCancelRequest**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:CustomerGroupID</a>	mailxml_base:s25				
	<a href="#">mailxml_defs:MailingGroupID</a>	xs:nonNegativeInteger				
	<a href="#">mailxml_defs:MaildatJobID</a>	mailxml_base:jobIDType				
	<a href="#">mailxml_defs:UserLicenseCode</a>	mailxml_base:userLicenseCodeType				
annotation	documentation Request to cancel the link between an original container to a sibling container.					

element **OriginalContainerLinkageCancelRequest/SubmittingParty**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:MailerID6</a>	mailxml_base:mailerID6Type				
	<a href="#">mailxml_defs:MailerID9</a>	mailxml_base:mailerID9Type				
	<a href="#">mailxml_defs:CRID</a>	mailxml_base:CRIDType				
	<a href="#">mailxml_defs:SchedulerID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:MaildatUserLicense</a>	mailxml_base:userLicenseCodeType				

element **OriginalContainerLinkageCancelRequest/SubmittingSoftware**

diagram	<p>The diagram shows a box labeled <b>mailxml_sc:SubmittingSoftware</b> connected to a larger box labeled <b>mailxml_defs:submittingSoftware Type</b>. This box contains an <b>attributes</b> section with the following elements:</p> <ul style="list-style-type: none"> <li><b>mailxml_defs:SoftwareName</b> (type: xs:string)</li> <li><b>mailxml_defs:Vendor</b> (type: xs:string)</li> <li><b>mailxml_defs:Version</b> (type: xs:string)</li> <li><b>mailxml_defs:ApprovalDate</b> (type: xs:date)</li> <li><b>mailxml_defs:ApprovalKey</b> (type: xs:string)</li> </ul>					
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:SoftwareName</a>	xs:string	required			
	<a href="#">mailxml_defs:Vendor</a>	xs:string	required			
	<a href="#">mailxml_defs:Version</a>	xs:string	required			
	<a href="#">mailxml_defs:ApprovalDate</a>	xs:date				
	<a href="#">mailxml_defs:ApprovalKey</a>	xs:string				

element **OriginalContainerLinkageCancelRequest/CancelLinkage**


diagram	<p>The diagram shows a box labeled <b>mailxml_sc:CancelLinkage</b> connected to a box labeled <b>mailxml_sc:linkageType</b>. The <b>linkageType</b> box contains two sub-elements: <b>mailxml_sc:OriginalContainer</b> and <b>mailxml_sc:LinkedContainer</b>. The <b>CancelLinkage</b> box has a cardinality of 1..∞.</p>					
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					

element **OriginalContainerLinkageCancelResponse**

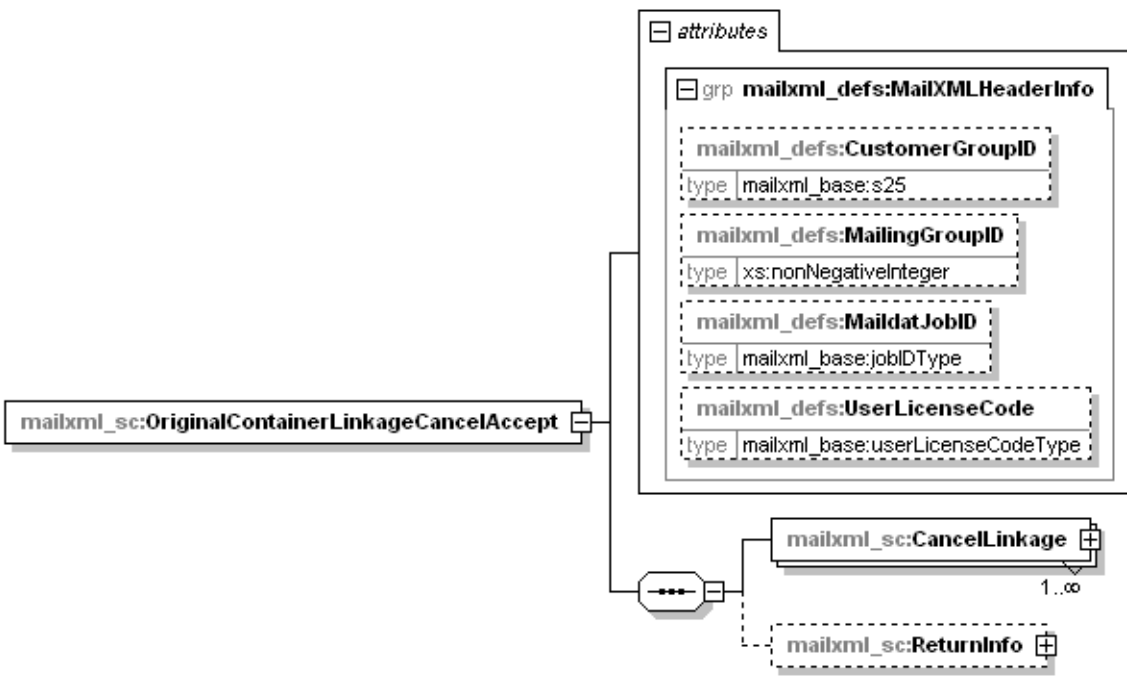
diagram	<p>The diagram shows a box labeled <b>OriginalContainerLinkageCancelResponse</b> connected to a box labeled <b>mailxml_sc:TrackingID</b>. The <b>TrackingID</b> box contains two sub-elements: <b>mailxml_sc:OriginalContainerLinkageCancelAccept</b> and <b>mailxml_sc:OriginalContainerLinkageCancelReject</b>. Below the <b>OriginalContainerLinkageCancelResponse</b> box, the text reads: "Response to the request to cancel the link between an original container to a sibling container."</p>					
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					

annotation	documentation Response to the request to cancel the link between an original container to a sibling container.
------------	---

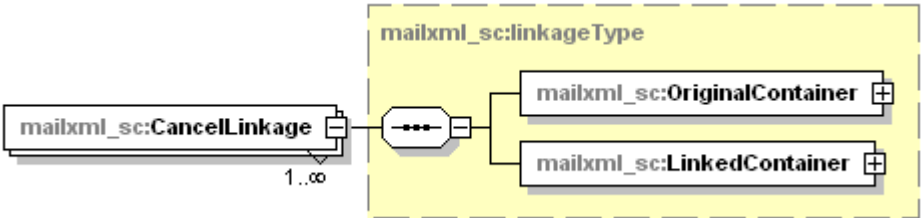
**element OriginalContainerLinkageCancelResponse/TrackingID**

diagram	 A dashed rectangular box containing the text <code>mailxml_sc:TrackingID</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

**element OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelAccept**

diagram	 <p>The diagram illustrates the structure of the <code>mailxml_sc:OriginalContainerLinkageCancelAccept</code> element. It features a group of attributes named <code>mailxml_defs:MailXMLHeaderInfo</code>, which contains four sub-elements: <code>mailxml_defs:CustomerGroupID</code> (type <code>mailxml_base:s25</code>), <code>mailxml_defs:MailingGroupID</code> (type <code>xs:nonNegativeInteger</code>), <code>mailxml_defs:MaildatJobID</code> (type <code>mailxml_base:jobIDType</code>), and <code>mailxml_defs:UserLicenseCode</code> (type <code>mailxml_base:userLicenseCodeType</code>). Below the attributes is a complex type <code>mailxml_sc:CancelLinkage</code> with a cardinality of <code>1..∞</code>. A dashed line connects the <code>CancelLinkage</code> to a <code>mailxml_sc:ReturnInfo</code> element.</p>					
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:CustomerGroupID</a>	<code>mailxml_base:s25</code>				
	<a href="#">mailxml_defs:MailingGroupID</a>	<code>xs:nonNegativeInteger</code>				
	<a href="#">mailxml_defs:MaildatJobID</a>	<code>mailxml_base:jobIDType</code>				
	<a href="#">mailxml_defs:UserLicenseCode</a>	<code>mailxml_base:userLicenseCodeType</code>				

**element OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelAccept/CancelLinkage**

diagram	 <p>The diagram shows the <code>mailxml_sc:CancelLinkage</code> element with a cardinality of <code>1..∞</code>. It is connected to a dashed box labeled <code>mailxml_sc:linkageType</code>. Inside this box are two elements: <code>mailxml_sc:OriginalContainer</code> and <code>mailxml_sc:LinkedContainer</code>, both with a cardinality of <code>1</code>.</p>
---------	---

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc
-----------	--

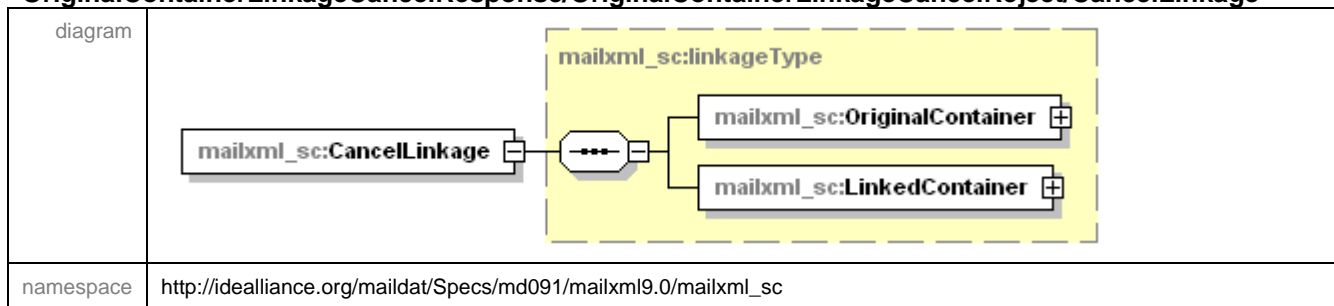
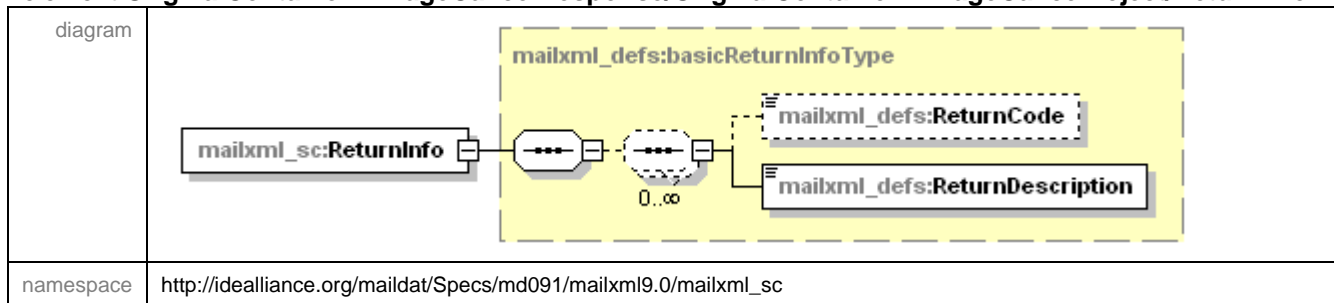
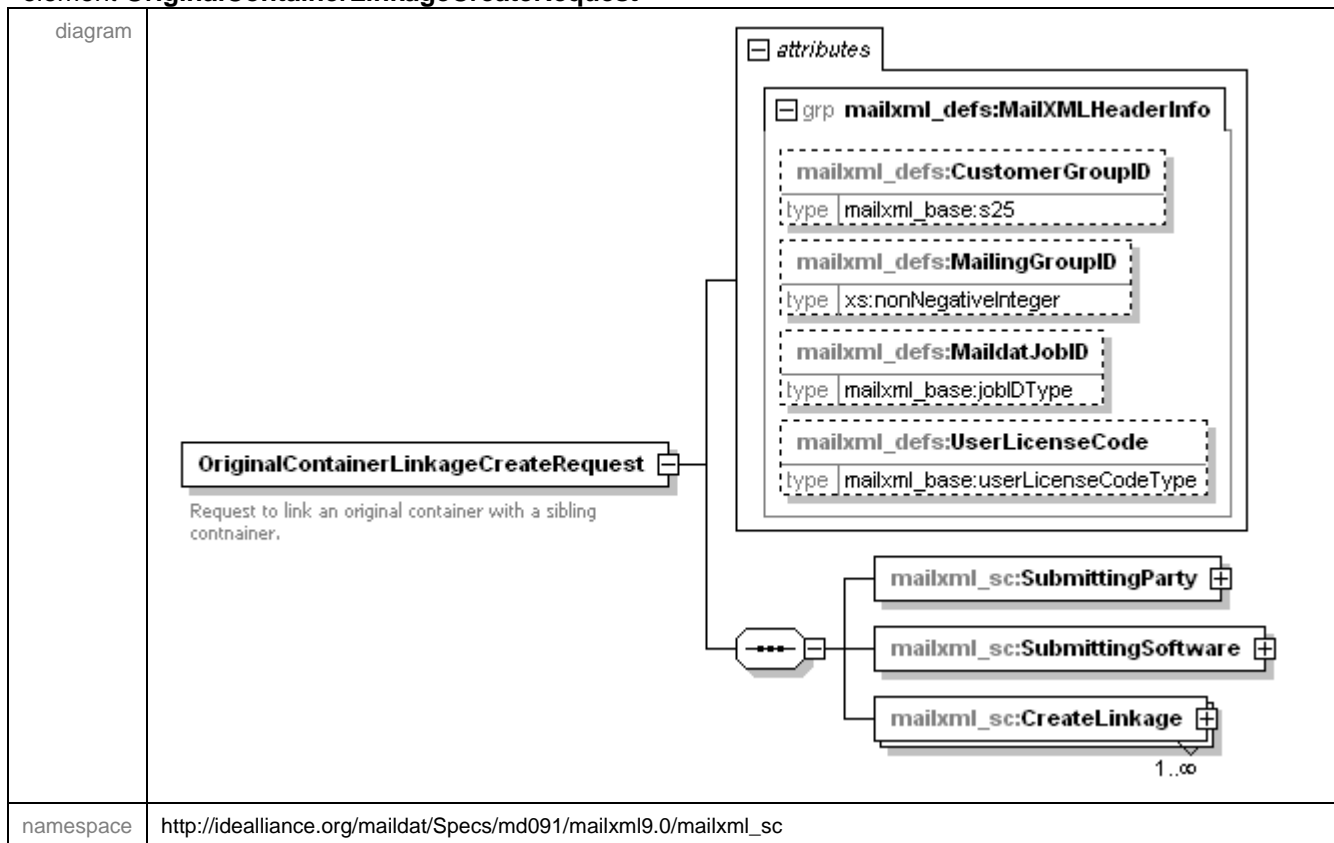
**element OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelAccept/ReturnInfo**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

**element OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelReject**

diagram																															
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc																														
attributes	<table><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>annotation</th></tr><tr><td><a href="#">mailxml_defs:CustomerGroupID</a></td><td>mailxml_base:s25</td><td></td><td></td><td></td><td></td></tr><tr><td><a href="#">mailxml_defs:MailingGroupID</a></td><td>xs:nonNegativeInteger</td><td></td><td></td><td></td><td></td></tr><tr><td><a href="#">mailxml_defs:MaildatJobID</a></td><td>mailxml_base:jobIDType</td><td></td><td></td><td></td><td></td></tr><tr><td><a href="#">mailxml_defs:UserLicenseCode</a></td><td>mailxml_base:userLicenseCodeType</td><td></td><td></td><td></td><td></td></tr></table>	Name	Type	Use	Default	Fixed	annotation	<a href="#">mailxml_defs:CustomerGroupID</a>	mailxml_base:s25					<a href="#">mailxml_defs:MailingGroupID</a>	xs:nonNegativeInteger					<a href="#">mailxml_defs:MaildatJobID</a>	mailxml_base:jobIDType					<a href="#">mailxml_defs:UserLicenseCode</a>	mailxml_base:userLicenseCodeType				
Name	Type	Use	Default	Fixed	annotation																										
<a href="#">mailxml_defs:CustomerGroupID</a>	mailxml_base:s25																														
<a href="#">mailxml_defs:MailingGroupID</a>	xs:nonNegativeInteger																														
<a href="#">mailxml_defs:MaildatJobID</a>	mailxml_base:jobIDType																														
<a href="#">mailxml_defs:UserLicenseCode</a>	mailxml_base:userLicenseCodeType																														

element

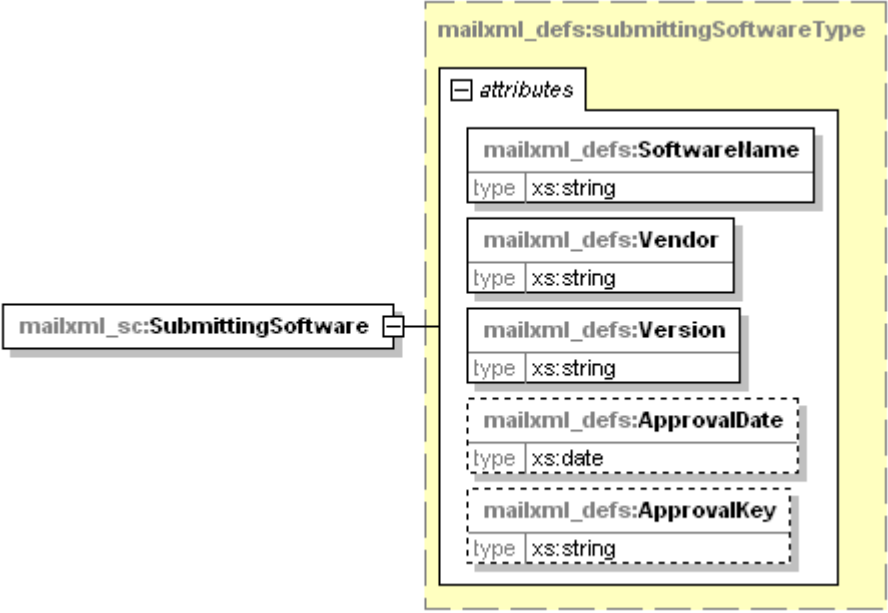
**OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelReject/CancelLinkage**element **OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelReject/ReturnInfo**element **OriginalContainerLinkageCreateRequest**

attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:CustomerGroupID</a>	mailxml_base:s25				
	<a href="#">mailxml_defs:MailingGroupID</a>	xs:nonNegativeInteger				
	<a href="#">mailxml_defs:MaildatJobID</a>	mailxml_base:jobIDType				
	<a href="#">mailxml_defs:UserLicenseCode</a>	mailxml_base:userLicenseCodeType				
annotation	documentation Request to link an original container with a sibling container.					

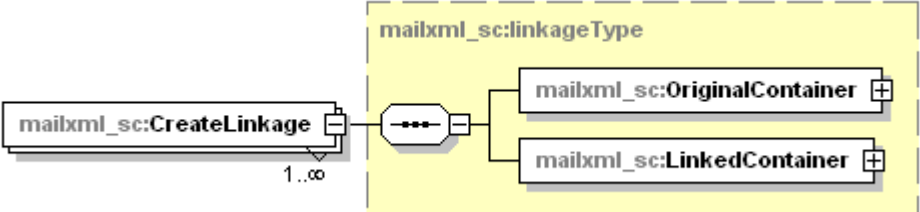
### element **OriginalContainerLinkageCreateRequest/SubmittingParty**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:MailerID6</a>	mailxml_base:mailerID6Type				
	<a href="#">mailxml_defs:MailerID9</a>	mailxml_base:mailerID9Type				
	<a href="#">mailxml_defs:CRID</a>	mailxml_base:CRIDType				
	<a href="#">mailxml_defs:SchedulerID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:MaildatUserLicense</a>	mailxml_base:userLicenseCodeType				

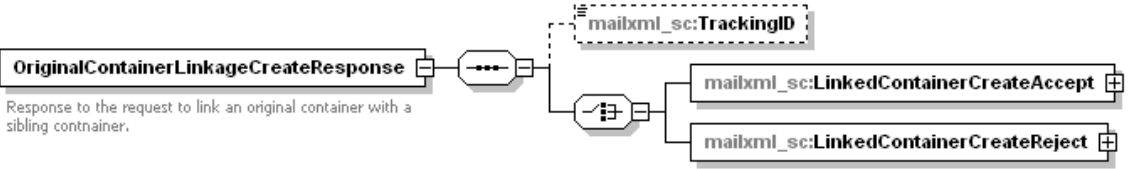
element **OriginalContainerLinkageCreateRequest/SubmittingSoftware**

diagram	 <p>The diagram shows a box labeled <b>mailxml_sc:SubmittingSoftware</b> connected to a larger box labeled <b>mailxml_defs:submittingSoftware Type</b>. This box contains an <b>attributes</b> section with the following elements:</p> <ul style="list-style-type: none"> <li><b>mailxml_defs:SoftwareName</b> (type: xs:string)</li> <li><b>mailxml_defs:Vendor</b> (type: xs:string)</li> <li><b>mailxml_defs:Version</b> (type: xs:string)</li> <li><b>mailxml_defs:ApprovalDate</b> (type: xs:date)</li> <li><b>mailxml_defs:ApprovalKey</b> (type: xs:string)</li> </ul>					
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:SoftwareName</a>	xs:string	required			
	<a href="#">mailxml_defs:Vendor</a>	xs:string	required			
	<a href="#">mailxml_defs:Version</a>	xs:string	required			
	<a href="#">mailxml_defs:ApprovalDate</a>	xs:date				
	<a href="#">mailxml_defs:ApprovalKey</a>	xs:string				

element **OriginalContainerLinkageCreateRequest/CreateLinkage**


diagram	 <p>The diagram shows a box labeled <b>mailxml_sc:CreateLinkage</b> connected to a box labeled <b>mailxml_sc:linkageType</b>. The <b>linkageType</b> box contains two sub-elements: <b>mailxml_sc:OriginalContainer</b> and <b>mailxml_sc:LinkedContainer</b>. A multiplicity of <b>1..∞</b> is indicated near the <b>CreateLinkage</b> box.</p>					
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					

element **OriginalContainerLinkageCreateResponse**

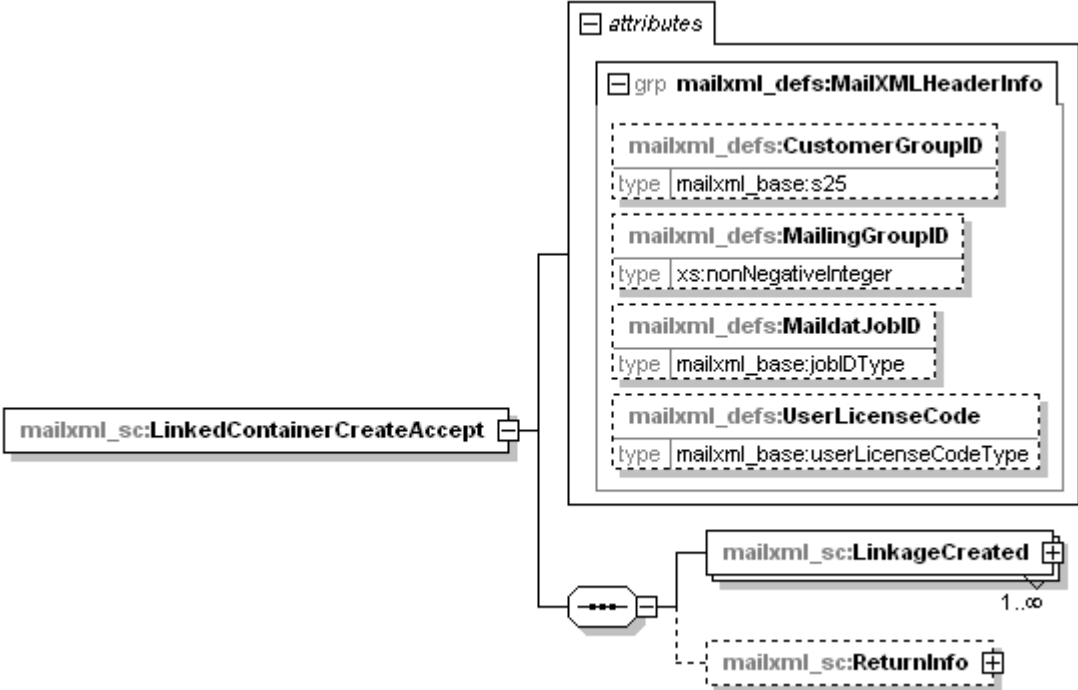
diagram	 <p>The diagram shows a box labeled <b>OriginalContainerLinkageCreateResponse</b> connected to a box labeled <b>mailxml_sc:TrackingID</b>. Below the <b>OriginalContainerLinkageCreateResponse</b> box is the text: "Response to the request to link an original container with a sibling container." The <b>TrackingID</b> box is connected to two sub-elements: <b>mailxml_sc:LinkedContainerCreateAccept</b> and <b>mailxml_sc:LinkedContainerCreateReject</b>.</p>					
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					

annotation	documentation Response to the request to link an original container with a sibling container.
------------	--

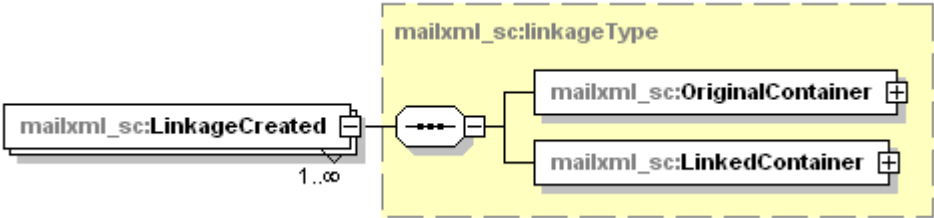
element **OriginalContainerLinkageCreateResponse/TrackingID**

diagram	 A dashed rectangular box containing the text <code>mailxml_sc:TrackingID</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **OriginalContainerLinkageCreateResponse/LinkedContainerCreateAccept**

diagram	 <p>The diagram shows the <code>mailxml_sc:LinkedContainerCreateAccept</code> element. It has a group of attributes named <code>mailxml_defs:MailXMLHeaderInfo</code> which includes:         <ul style="list-style-type: none"> <li><code>mailxml_defs:CustomerGroupID</code> (type <code>mailxml_base:s25</code>)</li> <li><code>mailxml_defs:MailingGroupID</code> (type <code>xs:nonNegativeInteger</code>)</li> <li><code>mailxml_defs:MaildatJobID</code> (type <code>mailxml_base:jobIDType</code>)</li> <li><code>mailxml_defs:UserLicenseCode</code> (type <code>mailxml_base:userLicenseCodeType</code>)</li> </ul>         Below the attributes is a choice element containing:         <ul style="list-style-type: none"> <li><code>mailxml_sc:LinkageCreated</code> (required, multiplicity 1..∞)</li> <li><code>mailxml_sc:ReturnInfo</code> (optional)</li> </ul> </p>																																		
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>																																		
attributes	<table border="1"> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>annotation</th></tr> </thead> <tbody> <tr> <td><a href="#">mailxml_defs:CustomerGroupID</a></td><td><code>mailxml_base:s25</code></td><td></td><td></td><td></td><td></td></tr> <tr> <td><a href="#">mailxml_defs:MailingGroupID</a></td><td><code>xs:nonNegativeInteger</code></td><td></td><td></td><td></td><td></td></tr> <tr> <td><a href="#">mailxml_defs:MaildatJobID</a></td><td><code>mailxml_base:jobIDType</code></td><td></td><td></td><td></td><td></td></tr> <tr> <td><a href="#">mailxml_defs:UserLicenseCode</a></td><td><code>mailxml_base:userLicenseCodeType</code></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	Name	Type	Use	Default	Fixed	annotation	<a href="#">mailxml_defs:CustomerGroupID</a>	<code>mailxml_base:s25</code>					<a href="#">mailxml_defs:MailingGroupID</a>	<code>xs:nonNegativeInteger</code>					<a href="#">mailxml_defs:MaildatJobID</a>	<code>mailxml_base:jobIDType</code>					<a href="#">mailxml_defs:UserLicenseCode</a>	<code>mailxml_base:userLicenseCodeType</code>								
Name	Type	Use	Default	Fixed	annotation																														
<a href="#">mailxml_defs:CustomerGroupID</a>	<code>mailxml_base:s25</code>																																		
<a href="#">mailxml_defs:MailingGroupID</a>	<code>xs:nonNegativeInteger</code>																																		
<a href="#">mailxml_defs:MaildatJobID</a>	<code>mailxml_base:jobIDType</code>																																		
<a href="#">mailxml_defs:UserLicenseCode</a>	<code>mailxml_base:userLicenseCodeType</code>																																		

element **OriginalContainerLinkageCreateResponse/LinkedContainerCreateAccept/LinkageCreated**

diagram	 <p>The diagram shows the <code>mailxml_sc:LinkageCreated</code> element (multiplicity 1..∞) connected to a choice element. This choice element is part of the <code>mailxml_sc:linkageType</code> and contains:         <ul style="list-style-type: none"> <li><code>mailxml_sc:OriginalContainer</code> (required)</li> <li><code>mailxml_sc:LinkedContainer</code> (required)</li> </ul> </p>
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namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc
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**element OriginalContainerLinkageCreateResponse/LinkedContainerCreateAccept/ReturnInfo**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

**element OriginalContainerLinkageCreateResponse/LinkedContainerCreateReject**

diagram	<p>The diagram illustrates the structure of the <code>mailxml_sc:LinkedContainerCreateReject</code> element. It is a solid rectangle with a small square handle on its right side. A line connects this handle to a sequence container (a circle with a horizontal line and a downward-pointing triangle) labeled <code>1..∞</code>. From the sequence container, two lines branch out to two optional elements: <code>mailxml_sc:LinkageRejected</code> and <code>mailxml_sc:ReturnInfo</code>, both marked with a small square handle and a plus sign. The main structure is a large rectangle with a small square handle on its top-left corner, labeled <code>attributes</code>. Inside this rectangle is a group box labeled <code>grp mailxml_defs:MailXMLHeaderInfo</code>, which contains four dashed-line boxes representing attributes: <code>mailxml_defs:CustomerGroupID</code> (type <code>mailxml_base:s25</code>), <code>mailxml_defs:MailingGroupID</code> (type <code>xs:nonNegativeInteger</code>), <code>mailxml_defs:MaildatJobID</code> (type <code>mailxml_base:jobIDType</code>), and <code>mailxml_defs:UserLicenseCode</code> (type <code>mailxml_base:userLicenseCodeType</code>).</p>																														
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc																														
attributes	<table><thead><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>annotation</th></tr></thead><tbody><tr><td><a href="#">mailxml_defs:CustomerGroupID</a></td><td>mailxml_base:s25</td><td></td><td></td><td></td><td></td></tr><tr><td><a href="#">mailxml_defs:MailingGroupID</a></td><td>xs:nonNegativeInteger</td><td></td><td></td><td></td><td></td></tr><tr><td><a href="#">mailxml_defs:MaildatJobID</a></td><td>mailxml_base:jobIDType</td><td></td><td></td><td></td><td></td></tr><tr><td><a href="#">mailxml_defs:UserLicenseCode</a></td><td>mailxml_base:userLicenseCodeType</td><td></td><td></td><td></td><td></td></tr></tbody></table>	Name	Type	Use	Default	Fixed	annotation	<a href="#">mailxml_defs:CustomerGroupID</a>	mailxml_base:s25					<a href="#">mailxml_defs:MailingGroupID</a>	xs:nonNegativeInteger					<a href="#">mailxml_defs:MaildatJobID</a>	mailxml_base:jobIDType					<a href="#">mailxml_defs:UserLicenseCode</a>	mailxml_base:userLicenseCodeType				
Name	Type	Use	Default	Fixed	annotation																										
<a href="#">mailxml_defs:CustomerGroupID</a>	mailxml_base:s25																														
<a href="#">mailxml_defs:MailingGroupID</a>	xs:nonNegativeInteger																														
<a href="#">mailxml_defs:MaildatJobID</a>	mailxml_base:jobIDType																														
<a href="#">mailxml_defs:UserLicenseCode</a>	mailxml_base:userLicenseCodeType																														

element **OriginalContainerLinkageCreateResponse/LinkedContainerCreateReject/LinkageRejected**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **OriginalContainerLinkageCreateResponse/LinkedContainerCreateReject/ReturnInfo**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **PostageAdjustmentCreateRequest**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>
annotation	documentation Request to create a postage adjustment.

element **PostageAdjustmentCreateRequest/SubmittingParty**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:MailerID6</a>	mailxml_base:mailerID6Type				
	<a href="#">mailxml_defs:MailerID9</a>	mailxml_base:mailerID9Type				
	<a href="#">mailxml_defs:CRID</a>	mailxml_base:CRIDType				
	<a href="#">mailxml_defs:SchedulerID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:MaildatUserLicense</a>	mailxml_base:userLicenseCodeType				

element **PostageAdjustmentCreateRequest/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:SoftwareName</a>	xs:string	required			
	<a href="#">mailxml_defs:Vendor</a>	xs:string	required			
	<a href="#">mailxml_defs:Version</a>	xs:string	required			
	<a href="#">mailxml_defs:ApprovalDate</a>	xs:date				
	<a href="#">mailxml_defs:ApprovalKey</a>	xs:string				

element **PostageAdjustmentCreateRequest/UserLicenseCode**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					


element **PostageAdjustmentCreateRequest/MaildatJobID**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					

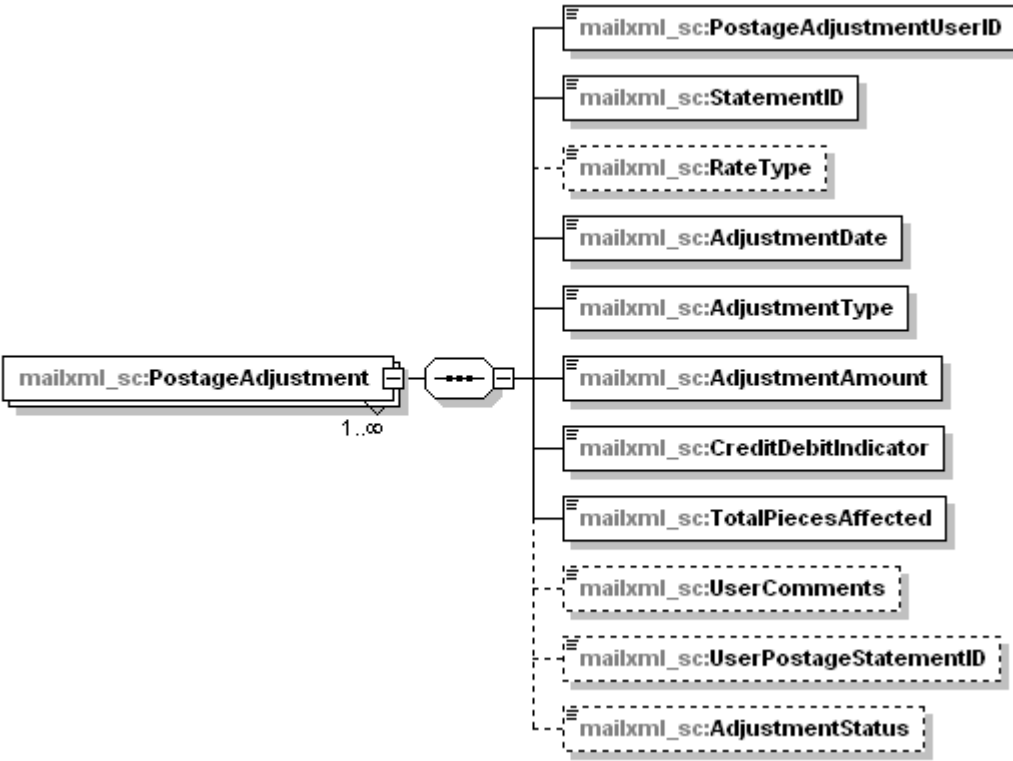
element **PostageAdjustmentCreateRequest/CustomerGroupID**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					


element **PostageAdjustmentCreateRequest/MailingGroupID**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>


element **PostageAdjustmentCreateRequest/PostageAdjustment**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>


element **PostageAdjustmentCreateRequest/PostageAdjustment/PostageAdjustmentUserID**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **PostageAdjustmentCreateRequest/PostageAdjustment/StatementID**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **PostageAdjustmentCreateRequest/PostageAdjustment/RateType**


diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc		
facets	Kind	Value	annotation
	enumeration	R	
	enumeration	L	
	enumeration	B	
	enumeration	C	
	enumeration	S	
	enumeration	F	
	enumeration	A	
	enumeration	N	
	enumeration	P	
	enumeration	T	
	enumeration	D	
	enumeration	X	
	enumeration	H	
	enumeration	M	
	enumeration	Z	
	enumeration	E	
	enumeration	G	
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	J	
	enumeration	K	
	enumeration	W	
	enumeration	Y	
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	

element **PostageAdjustmentCreateRequest/PostageAdjustment/AdjustmentDate**


diagram	
---------	---

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc
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**element PostageAdjustmentCreateRequest/PostageAdjustment/AdjustmentType**

diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>		
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	


**element PostageAdjustmentCreateRequest/PostageAdjustment/AdjustmentAmount**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc


**element PostageAdjustmentCreateRequest/PostageAdjustment/CreditDebitIndicator**

diagram										
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc									
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>C</td><td></td></tr><tr><td>enumeration</td><td>D</td><td></td></tr></table>	Kind	Value	annotation	enumeration	C		enumeration	D	
Kind	Value	annotation								
enumeration	C									
enumeration	D									


**element PostageAdjustmentCreateRequest/PostageAdjustment/TotalPiecesAffected**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

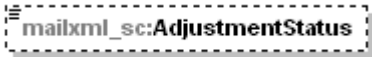
**element PostageAdjustmentCreateRequest/PostageAdjustment/UserComments**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

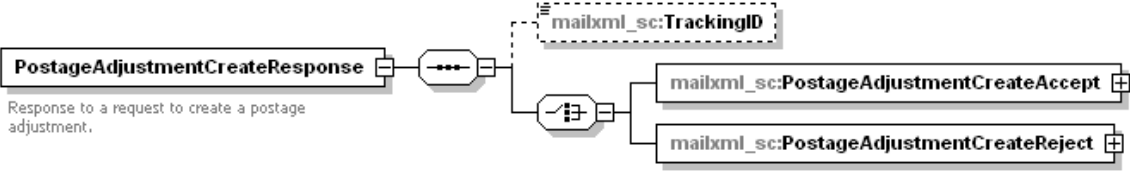
element **PostageAdjustmentCreateRequest/PostageAdjustment/UserPostageStatementID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

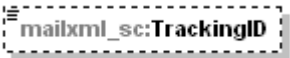
element **PostageAdjustmentCreateRequest/PostageAdjustment/AdjustmentStatus**

diagram																			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc																		
facets	<table><tr><th>Kind</th><th>Value</th><th>annotation</th></tr><tr><td>enumeration</td><td>R</td><td></td></tr><tr><td>enumeration</td><td>X</td><td></td></tr><tr><td>enumeration</td><td>C</td><td></td></tr><tr><td>enumeration</td><td>P</td><td></td></tr><tr><td>enumeration</td><td>T</td><td></td></tr></table>	Kind	Value	annotation	enumeration	R		enumeration	X		enumeration	C		enumeration	P		enumeration	T	
Kind	Value	annotation																	
enumeration	R																		
enumeration	X																		
enumeration	C																		
enumeration	P																		
enumeration	T																		

element **PostageAdjustmentCreateResponse**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc
annotation	documentation Response to a request to create a postage adjustment.

element **PostageAdjustmentCreateResponse/TrackingID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/UserLicenseCode**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/MaildatJobID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/CustomerGroupID**


diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/MailingGroupID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

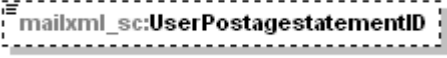
element

**PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/PostageAdjustmentUserID**


diagram	 A diagram showing a single rectangular box labeled <code>mailxml_sc:PostageAdjustmentUserID</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element

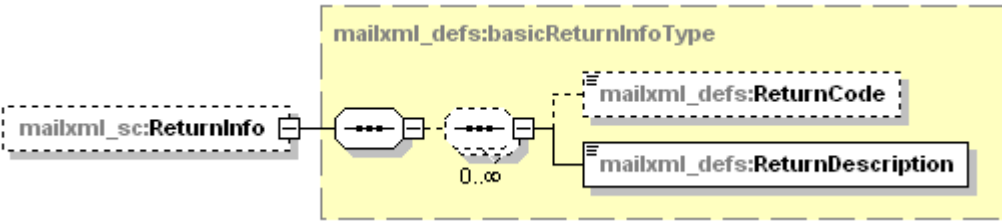
**PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/UserPostagestatementID**

diagram	 A diagram showing a dashed rectangular box labeled <code>mailxml_sc:UserPostagestatementID</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

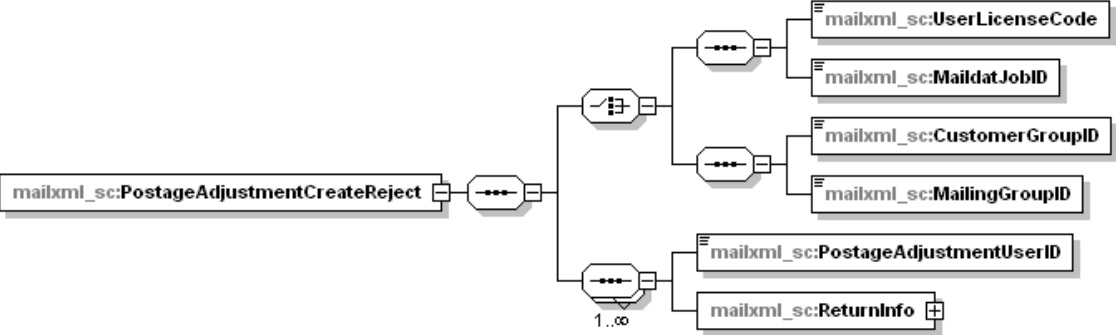
element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/StatementID**

diagram	 A diagram showing a single rectangular box labeled <code>mailxml_sc:StatementID</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

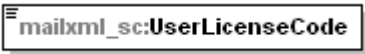
element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/ReturnInfo**

diagram	 A diagram showing a dashed rectangular box labeled <code>mailxml_sc:ReturnInfo</code> connected to a yellow-shaded box labeled <code>mailxml_defs:basicReturnInfoType</code> . Inside the yellow box, there is a dashed box for <code>mailxml_defs:ReturnCode</code> and a solid box for <code>mailxml_defs:ReturnDescription</code> . The connection is labeled with the cardinality <code>0..∞</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>


element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject**

diagram	 A diagram showing a rectangular box labeled <code>mailxml_sc:PostageAdjustmentCreateReject</code> connected to a complex structure. This structure consists of a choice (indicated by a circle with a vertical line) between two groups. The first group contains three elements: <code>mailxml_sc:UserLicenseCode</code> , <code>mailxml_sc:MaildatJobID</code> , and <code>mailxml_sc:CustomerGroupID</code> . The second group contains two elements: <code>mailxml_sc:MailingGroupID</code> and <code>mailxml_sc:PostageAdjustmentUserID</code> . Below this choice is another choice between <code>mailxml_sc:PostageAdjustmentUserID</code> and <code>mailxml_sc:ReturnInfo</code> , with a cardinality of <code>1..∞</code> indicated.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

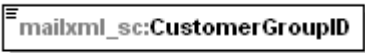
element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject/UserLicenseCode**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc


element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject/MaildatJobID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc


element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject/CustomerGroupID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

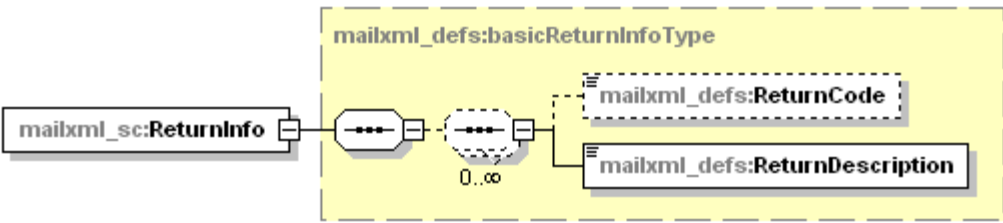
element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject/MailingGroupID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

element  
**PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject/PostageAdjustmentUserID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject/ReturnInfo**

diagram	 The diagram shows the structure of the <code>mailxml_sc:ReturnInfo</code> element. It is a container element that contains a sequence of two child elements: <code>mailxml_defs:ReturnCode</code> and <code>mailxml_defs:ReturnDescription</code> . The <code>ReturnCode</code> element is optional (indicated by a dashed line and a circle with a dot), and the <code>ReturnDescription</code> element is optional (indicated by a dashed line and a circle with a dot). The entire structure is enclosed in a dashed box labeled <code>mailxml_defs:basicReturnInfoType</code> .
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

element **SiblingContainerCancelRequest**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>
annotation	documentation Request to cancel a sibling container.

element **SiblingContainerCancelRequest/SubmittingParty**

diagram																																					
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc																																				
attributes	<table><thead><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>annotation</th></tr></thead><tbody><tr><td><a href="#">mailxml_defs:MailerID6</a></td><td>mailxml_base:mailerID6Type</td><td></td><td></td><td></td><td></td></tr><tr><td><a href="#">mailxml_defs:MailerID9</a></td><td>mailxml_base:mailerID9Type</td><td></td><td></td><td></td><td></td></tr><tr><td><a href="#">mailxml_defs:CRID</a></td><td>mailxml_base:CRIDType</td><td></td><td></td><td></td><td></td></tr><tr><td><a href="#">mailxml_defs:SchedulerID</a></td><td>mailxml_base:s12</td><td></td><td></td><td></td><td></td></tr><tr><td><a href="#">mailxml_defs:MaildatUserLicense</a></td><td>mailxml_base:userLicenseCodeType</td><td></td><td></td><td></td><td></td></tr></tbody></table>	Name	Type	Use	Default	Fixed	annotation	<a href="#">mailxml_defs:MailerID6</a>	mailxml_base:mailerID6Type					<a href="#">mailxml_defs:MailerID9</a>	mailxml_base:mailerID9Type					<a href="#">mailxml_defs:CRID</a>	mailxml_base:CRIDType					<a href="#">mailxml_defs:SchedulerID</a>	mailxml_base:s12					<a href="#">mailxml_defs:MaildatUserLicense</a>	mailxml_base:userLicenseCodeType				
Name	Type	Use	Default	Fixed	annotation																																
<a href="#">mailxml_defs:MailerID6</a>	mailxml_base:mailerID6Type																																				
<a href="#">mailxml_defs:MailerID9</a>	mailxml_base:mailerID9Type																																				
<a href="#">mailxml_defs:CRID</a>	mailxml_base:CRIDType																																				
<a href="#">mailxml_defs:SchedulerID</a>	mailxml_base:s12																																				
<a href="#">mailxml_defs:MaildatUserLicense</a>	mailxml_base:userLicenseCodeType																																				

element **SiblingContainerCancelRequest/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:SoftwareName</a>	xs:string	required			
	<a href="#">mailxml_defs:Vendor</a>	xs:string	required			
	<a href="#">mailxml_defs:Version</a>	xs:string	required			
	<a href="#">mailxml_defs:ApprovalDate</a>	xs:date				
	<a href="#">mailxml_defs:ApprovalKey</a>	xs:string				

element **SiblingContainerCancelRequest/OriginalContainer**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					

element **SiblingContainerCancelRequest/SiblingToDelete**

diagram	<p>The diagram shows the structure of the <code>mailxml_sc:SiblingToDelete</code> element. It is a container element with a cardinality of 1..∞. It contains a sequence of elements: <code>mailxml_defs:ContainerID</code> (1..∞), <code>mailxml_defs:UniqueContainerBarcode</code> (dashed box), and a choice of two groups. The first group contains <code>mailxml_defs:UserLicenseCode</code> and <code>mailxml_defs:MaildatJobID</code>. The second group contains <code>mailxml_defs:CustomerGroupID</code> and <code>mailxml_defs:MailingGroupID</code>. The entire structure is enclosed in a dashed box labeled <code>mailxml_defs:fullContainerIDType</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **SiblingContainerCancelResponse**

diagram	<p>The diagram shows the structure of the <code>SiblingContainerCancelResponse</code> element. It is a container element with a cardinality of 1..∞. It contains a sequence of elements: <code>mailxml_sc:TrackingID</code> (dashed box), <code>mailxml_sc:SiblingContainerCancelAccept</code> (+), and <code>mailxml_sc:SiblingContainerCancelReject</code> (+). Below the diagram, the text reads: "Response to a request to cancel a sibling container."</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>
annotation	documentation Response to a request to cancel a sibling container.

element **SiblingContainerCancelResponse/TrackingID**

diagram	<p>The diagram shows the structure of the <code>mailxml_sc:TrackingID</code> element. It is a container element with a cardinality of 1..∞. It contains a sequence of elements: <code>mailxml_sc:TrackingID</code> (dashed box).</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **SiblingContainerCancelResponse/SiblingContainerCancelAccept**

diagram	<p>The diagram shows the structure of the <code>mailxml_sc:SiblingContainerCancelAccept</code> element. It is a container element with a cardinality of 1..∞. It contains a sequence of elements: <code>mailxml_sc:CancelledSiblingContainer</code> (+) and <code>mailxml_sc:ReturnInfo</code> (+) (dashed box).</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **SiblingContainerCancelResponse/SiblingContainerCancelAccept/CancelledSiblingContainer**

diagram	<p>The diagram shows the structure of the <code>mailxml_sc:CancelledSiblingContainer</code> element. It is a container element (rectangle with a small square on the left) that contains a choice element (octagon with a vertical line). This choice element has two branches: one leading to a sequence element (rectangle with a vertical line) and another leading to a <code>mailxml_defs:UniqueContainerBarcode</code> element (dashed rectangle). The sequence element contains a choice element (octagon with a vertical line) that has two branches: one leading to a <code>mailxml_defs:ContainerID</code> element (rectangle) with a cardinality of <code>1..∞</code>, and another leading to another choice element (octagon with a vertical line). This second choice element has two branches: one leading to a <code>mailxml_defs:UserLicenseCode</code> element (rectangle) and another leading to a <code>mailxml_defs:MaildatJobID</code> element (rectangle). The third choice element has two branches: one leading to a <code>mailxml_defs:CustomerGroupID</code> element (rectangle) and another leading to a <code>mailxml_defs:MailingGroupID</code> element (rectangle). All these elements are contained within a dashed yellow box labeled <code>mailxml_defs:fullContainerIDType</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **SiblingContainerCancelResponse/SiblingContainerCancelAccept/ReturnInfo**

diagram	<p>The diagram shows the structure of the <code>mailxml_sc:ReturnInfo</code> element. It is a container element (rectangle with a small square on the left) that contains a choice element (octagon with a vertical line). This choice element has two branches: one leading to a <code>mailxml_defs:ReturnCode</code> element (dashed rectangle) and another leading to a <code>mailxml_defs:ReturnDescription</code> element (rectangle). The choice element has a cardinality of <code>0..∞</code>. All these elements are contained within a dashed yellow box labeled <code>mailxml_defs:basicReturnInfoType</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **SiblingContainerCancelResponse/SiblingContainerCancelReject**

diagram	<p>The diagram shows the structure of the <code>mailxml_sc:SiblingContainerCancelReject</code> element. It is a container element (rectangle with a small square on the left) that contains a choice element (octagon with a vertical line). This choice element has two branches: one leading to a <code>mailxml_sc:SiblingToDelete</code> element (rectangle with a plus sign) and another leading to a <code>mailxml_sc:ReturnInfo</code> element (rectangle with a plus sign).</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **SiblingContainerCancelResponse/SiblingContainerCancelReject/SiblingToDelete**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

element **SiblingContainerCancelResponse/SiblingContainerCancelReject/ReturnInfo**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

element **SiblingContainerCreateRequest**

diagram	<p>Request to create a uniquely identified sibling container by adding a sibling container to an existing Mail.dat.</p>
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc
annotation	documentation Request to create a uniquely identified sibling container by adding a sibling container to an existing Mail.dat.

element **SiblingContainerCreateRequest/SubmittingParty**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:MailerID6</a>	mailxml_base:mailerID6Type				
	<a href="#">mailxml_defs:MailerID9</a>	mailxml_base:mailerID9Type				
	<a href="#">mailxml_defs:CRID</a>	mailxml_base:CRIDType				
	<a href="#">mailxml_defs:SchedulerID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:MaildatUserLicense</a>	mailxml_base:userLicenseCodeType				

element **SiblingContainerCreateRequest/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:SoftwareName</a>	xs:string	required			
	<a href="#">mailxml_defs:Vendor</a>	xs:string	required			
	<a href="#">mailxml_defs:Version</a>	xs:string	required			
	<a href="#">mailxml_defs:ApprovalDate</a>	xs:date				
	<a href="#">mailxml_defs:ApprovalKey</a>	xs:string				


element **SiblingContainerCreateRequest/OriginalContainer**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc					

element **SiblingContainerCreateRequest/NewSiblingContainer**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

element **SiblingContainerCreateRequest/ContainerType**

element siblingContainerCreateRequest/ContainerType			
diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc		
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	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	M
--	-------------	---

**element SiblingContainerCreateResponse**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc
annotation	documentation Response to a request to create a uniquely identified sibling container by adding a sibling container to an existing Mail.dat

**element SiblingContainerCreateResponse/TrackingID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

**element SiblingContainerCreateResponse/SiblingContainerCreateAccept**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

**element SiblingContainerCreateResponse/SiblingContainerCreateAccept/AcceptedSiblingContainer**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc

element **SiblingContainerCreateResponse/SiblingContainerCreateAccept/ReturnInfo**

diagram	<p>The diagram shows the structure of the <code>mailxml_sc:ReturnInfo</code> element. It is a dashed box containing a sequence of elements: a sequence container (indicated by a circle with three dots), followed by a choice container (indicated by a circle with a vertical line), which contains two elements: <code>mailxml_defs:ReturnCode</code> and <code>mailxml_defs:ReturnDescription</code>. The choice container has a cardinality of <code>0..∞</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **SiblingContainerCreateResponse/SiblingContainerCreateReject**

diagram	<p>The diagram shows the structure of the <code>mailxml_sc:SiblingContainerCreateReject</code> element. It is a solid box containing a sequence of elements: a sequence container (indicated by a circle with three dots), followed by a choice container (indicated by a circle with a vertical line), which contains two elements: <code>mailxml_sc:RejectedSiblingContainer</code> and <code>mailxml_sc:ReturnInfo</code>. Both elements have a cardinality of <code>1</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **SiblingContainerCreateResponse/SiblingContainerCreateReject/RejectedSiblingContainer**

diagram	<p>The diagram shows the structure of the <code>mailxml_sc:RejectedSiblingContainer</code> element. It is a solid box containing a sequence of elements: a sequence container (indicated by a circle with three dots), followed by a choice container (indicated by a circle with a vertical line), which contains two elements: a sequence container (indicated by a circle with three dots) and <code>mailxml_defs:ContainerID</code>. The sequence container has a cardinality of <code>1..∞</code>. The choice container has a cardinality of <code>1</code>. The sequence container contains two elements: <code>mailxml_defs:UserLicenseCode</code> and <code>mailxml_defs:MaildatJobID</code>. The choice container contains two elements: <code>mailxml_defs:CustomerGroupID</code> and <code>mailxml_defs:MailingGroupID</code>. The <code>mailxml_defs:ContainerID</code> element has a cardinality of <code>1..∞</code>. The <code>mailxml_defs:UniqueContainerBarcode</code> element is shown as a dashed box, indicating it is optional.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **SiblingContainerCreateResponse/SiblingContainerCreateReject/ReturnInfo**

diagram	<p>The diagram shows the structure of the <code>mailxml_sc:ReturnInfo</code> element. It is a solid box containing a sequence of elements: a sequence container (indicated by a circle with three dots), followed by a choice container (indicated by a circle with a vertical line), which contains two elements: <code>mailxml_defs:ReturnCode</code> and <code>mailxml_defs:ReturnDescription</code>. The choice container has a cardinality of <code>0..∞</code>.</p>
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namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>
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### 3 Supply Chain Message Complex Types

#### complexType linkageType

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>
used by	elements <a href="#">OriginalContainerLinkageCancelRequest/CancelLinkage</a> <a href="#">OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelAccept/CancelLinkage</a> <a href="#">OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelReject/CancelLinkage</a> <a href="#">OriginalContainerLinkageCreateRequest/CreateLinkage</a> <a href="#">OriginalContainerLinkageCreateResponse/LinkedContainerCreateAccept/LinkageCreated</a> <a href="#">OriginalContainerLinkageCreateResponse/LinkedContainerCreateReject/LinkageRejected</a>

#### element linkageType/OriginalContainer

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

#### element linkageType/LinkedContainer

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

**complexType linkingContainerIDType**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>
used by	elements <a href="#">linkageType/LinkedContainer</a> <a href="#">linkageType/OriginalContainer</a>

**element linkingContainerIDType/MaildatContainer**

diagram																															
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc																														
attributes	<table><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr><tr><td><a href="#">mailxml_defs:UserLicenseCode</a></td><td>mailxml_base:userLicenseCodeType</td><td>required</td><td></td><td></td><td></td></tr><tr><td><a href="#">mailxml_defs:MaildatJobID</a></td><td>mailxml_base:jobIDType</td><td>required</td><td></td><td></td><td></td></tr><tr><td><a href="#">mailxml_defs:ContainerID</a></td><td>mailxml_base:s06</td><td>required</td><td></td><td></td><td></td></tr><tr><td><a href="#">mailxml_defs:UniqueContainerBarcode</a></td><td>mailxml_base:container24CharacterBarcodeType</td><td>required</td><td></td><td></td><td></td></tr></table>	Name	Type	Use	Default	Fixed	Annotation	<a href="#">mailxml_defs:UserLicenseCode</a>	mailxml_base:userLicenseCodeType	required				<a href="#">mailxml_defs:MaildatJobID</a>	mailxml_base:jobIDType	required				<a href="#">mailxml_defs:ContainerID</a>	mailxml_base:s06	required				<a href="#">mailxml_defs:UniqueContainerBarcode</a>	mailxml_base:container24CharacterBarcodeType	required			
Name	Type	Use	Default	Fixed	Annotation																										
<a href="#">mailxml_defs:UserLicenseCode</a>	mailxml_base:userLicenseCodeType	required																													
<a href="#">mailxml_defs:MaildatJobID</a>	mailxml_base:jobIDType	required																													
<a href="#">mailxml_defs:ContainerID</a>	mailxml_base:s06	required																													
<a href="#">mailxml_defs:UniqueContainerBarcode</a>	mailxml_base:container24CharacterBarcodeType	required																													

element **linkingContainerIDType/MailXMLContainer**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

element **linkingContainerIDType/ContainerBarcode**

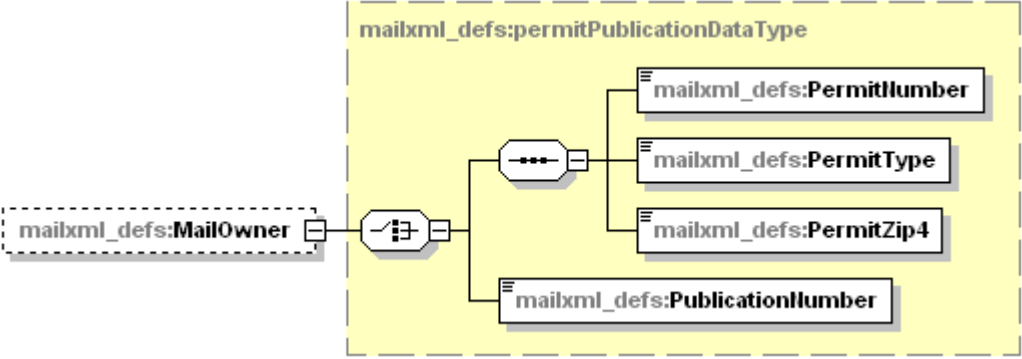
diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_sc</a>

## 4 Common Definitions Elements

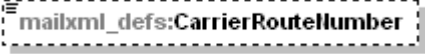
element **ContainerDetailData**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
used by	element <a href="#">ContainerInfoData</a>

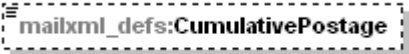
element **ContainerDetailData/MailOwner**

diagram	 <p>The diagram shows the structure of the <code>mailxml_defs:MailOwner</code> element. It is a dashed box containing a sequence container (rectangle with a vertical bar and three dots) that connects to a choice container (rectangle with a vertical bar and a circle). This choice container has four branches, each leading to an element box: <code>mailxml_defs:PermitNumber</code>, <code>mailxml_defs:PermitType</code>, <code>mailxml_defs:PermitZip4</code>, and <code>mailxml_defs:PublicationNumber</code>. These four elements are grouped within a larger dashed box labeled <code>mailxml_defs:permitPublicationDataType</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **ContainerDetailData/CarrierRouteNumber**

diagram	 <p>The diagram shows the <code>mailxml_defs:CarrierRouteNumber</code> element as a dashed box containing a single element box.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **ContainerDetailData/CumulativePostage**


diagram	 <p>The diagram shows the <code>mailxml_defs:CumulativePostage</code> element as a dashed box containing a single element box.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **ContainerDetailData/EntryDiscountType**


diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	N	
	enumeration	B	
	enumeration	S	
	enumeration	D	
	enumeration	A	
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	

	enumeration	TBD_9
	enumeration	TBD_10


**element ContainerDetailData/MailEndSeqNo**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element ContainerDetailData/MailStartSeqNo**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

**element ContainerDetailData/Postage**


diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

**element ContainerDetailData/RateLevel**


diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	SP	
	enumeration	5B	
	enumeration	3B	
	enumeration	AB	
	enumeration	PSRT	
	enumeration	5D	
	enumeration	3D	
	enumeration	NDC	
	enumeration	ONDC	
	enumeration	BP	
	enumeration	MP	
	enumeration	AD	
	enumeration	MD	
	enumeration	WS	
	enumeration	HD	
	enumeration	CR	
	enumeration	MB	

	enumeration	FB
	enumeration	BB


**element ContainerDetailData/TotalCopies**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element ContainerDetailData/TotalPieces**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element ContainerDetailData/Zone**

diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	N	
	enumeration	M	
	enumeration	LC	
	enumeration	1	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	ICD	
	enumeration	IC	
	enumeration	DDU	
	enumeration	SCF	
	enumeration	ADC	

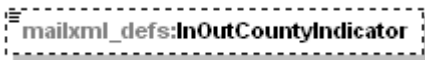
**element ContainerDetailData/VersionID**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **ContainerDetailData/ZipThreeFive**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **ContainerDetailData/InOutCountyIndicator**

diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	I	
	enumeration	N	


element **ContainerDetailData/RateLevelIndicator**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	A	
	enumeration	B	
	enumeration	C	
	enumeration	M	
	enumeration	N	


element **ContainerDetailData/ContainerChargeContainerLevel**

diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	3	
	enumeration	5	
	enumeration	A	
	enumeration	M	

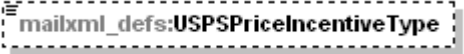
element **ContainerDetailData/ActualPieces**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

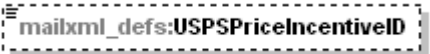
element **ContainerDetailData/ServiceLevelIndicator**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	F	
	enumeration	B	
	enumeration	P	
	enumeration	O	

element **ContainerDetailData/USPSPriceIncentiveType**

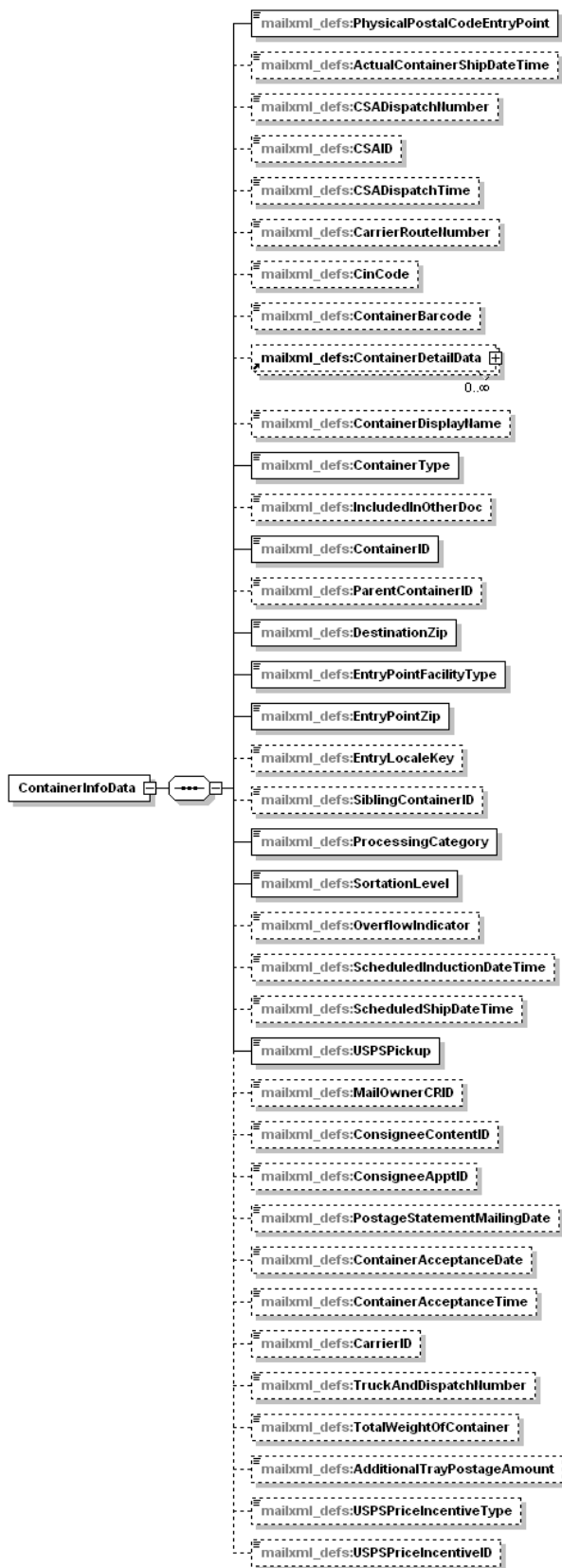
diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	

element **ContainerDetailData/USPSPriceIncentiveID**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	

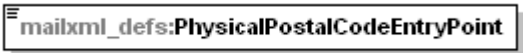
element **ContainerInfoData**

diagram




namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
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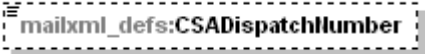
**element ContainerInfoData/PhysicalPostalCodeEntryPoint**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:PhysicalPostalCodeEntryPoint" is written. To the left of the box, there are three horizontal lines of increasing length, resembling a list or a sequence.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element ContainerInfoData/ActualContainerShipDateTime**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:ActualContainerShipDateTime" is written. To the left of the box, there are three horizontal lines of increasing length, resembling a list or a sequence.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

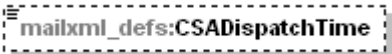
**element ContainerInfoData/CSADispatchNumber**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:CSADispatchNumber" is written. To the left of the box, there are three horizontal lines of increasing length, resembling a list or a sequence.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

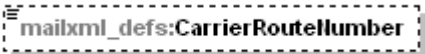
**element ContainerInfoData/CSAID**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:CSAID" is written. To the left of the box, there are three horizontal lines of increasing length, resembling a list or a sequence.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element ContainerInfoData/CSADispatchTime**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:CSADispatchTime" is written. To the left of the box, there are three horizontal lines of increasing length, resembling a list or a sequence.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element ContainerInfoData/CarrierRouteNumber**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:CarrierRouteNumber" is written. To the left of the box, there are three horizontal lines of increasing length, resembling a list or a sequence.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **ContainerInfoData/CinCode**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **ContainerInfoData/ContainerBarcode**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **ContainerInfoData/ContainerDisplayName**

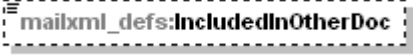
diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **ContainerInfoData/ContainerType**


diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	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	M

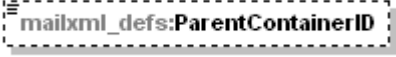
**element ContainerInfoData/IncludedInOtherDoc**

diagram		
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs	
facets	Kind	Value annotation
	enumeration	L
	enumeration	O


**element ContainerInfoData/ContainerID**

diagram		
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs	


**element ContainerInfoData/ParentContainerID**

diagram		
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs	

**element ContainerInfoData/DestinationZip**


diagram		
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs	

**element ContainerInfoData/EntryPointFacilityType**

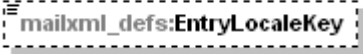
diagram		
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs	
facets	Kind	Value annotation
	enumeration	O
	enumeration	B
	enumeration	S
	enumeration	D
	enumeration	A
	enumeration	TBD_1

	enumeration	TBD_2
	enumeration	TBD_3
	enumeration	TBD_4
	enumeration	TBD_5
	enumeration	TBD_6
	enumeration	TBD_7
	enumeration	TBD_8
	enumeration	TBD_9
	enumeration	TBD_10

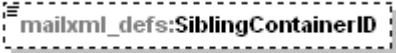
**element ContainerInfoData/EntryPointZip**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

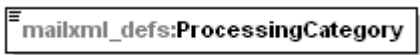
**element ContainerInfoData/EntryLocaleKey**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**element ContainerInfoData/SiblingContainerID**


diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**element ContainerInfoData/ProcessingCategory**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	LT	
	enumeration	FL	
	enumeration	CD	
	enumeration	OS	
	enumeration	MP	
	enumeration	IR	
	enumeration	PF	
	enumeration	CM	
	enumeration	NP	
	enumeration	NA	


	enumeration	NB
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**element ContainerInfoData/SortationLevel**

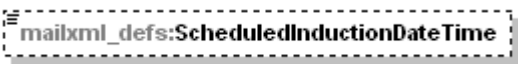
diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	A	
	enumeration	B	
	enumeration	C	
	enumeration	D	
	enumeration	G	
	enumeration	H	
	enumeration	I	
	enumeration	J	
	enumeration	K	
	enumeration	M	
	enumeration	N	
	enumeration	P	
	enumeration	Q	
	enumeration	R	
	enumeration	S	
	enumeration	T	
	enumeration	U	
	enumeration	V	
	enumeration	W	
	enumeration	X	
	enumeration	Y	
	enumeration	Z	
	enumeration	AA	
	enumeration	AB	
	enumeration	AC	
	enumeration	AD	
	enumeration	AE	
	enumeration	AF	
	enumeration	AG	
	enumeration	AH	
	enumeration	AI	
	enumeration	AJ	
	enumeration	AK	
	enumeration	AL	
	enumeration	AM	
	enumeration	AN	
	enumeration	AO	
	enumeration	AP	

	enumeration	AQ
	enumeration	BA
	enumeration	BB
	enumeration	BC
	enumeration	BD
	enumeration	BE
	enumeration	BF
	enumeration	BG
	enumeration	BH
	enumeration	BI
	enumeration	BJ
	enumeration	BK
	enumeration	BL
	enumeration	BM


**element ContainerInfoData/OverflowIndicator**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	Yes	
	enumeration	No	


**element ContainerInfoData/ScheduledInductionDateTime**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		


**element ContainerInfoData/ScheduledShipDateTime**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		

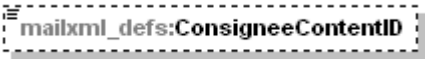
**element ContainerInfoData/USPSPickup**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	Yes	
	enumeration	No	


**element ContainerInfoData/MailOwnerCRID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

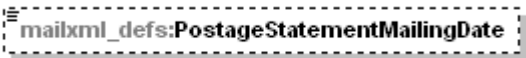
**element ContainerInfoData/ConsigneeContentID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

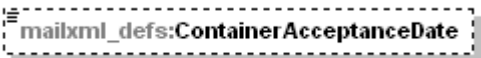
**element ContainerInfoData/ConsigneeApptID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

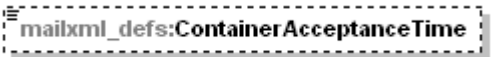
**element ContainerInfoData/PostageStatementMailingDate**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element ContainerInfoData/ContainerAcceptanceDate**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element ContainerInfoData/ContainerAcceptanceTime**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element ContainerInfoData/CarrierID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

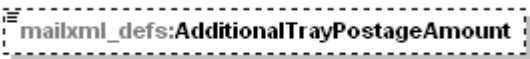
**element ContainerInfoData/TruckAndDispatchNumber**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

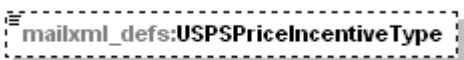
**element ContainerInfoData/TotalWeightOfContainer**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

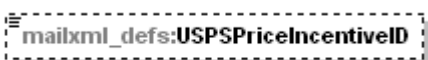
**element ContainerInfoData/AdditionalTrayPostageAmount**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**element ContainerInfoData/USPSPriceIncentiveType**

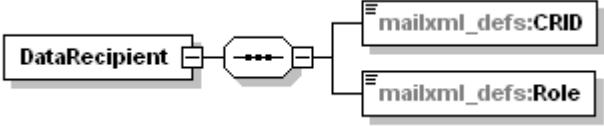
diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	

**element ContainerInfoData/USPSPriceIncentiveID**


diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	

	enumeration	TBD_3
	enumeration	TBD_4
	enumeration	TBD_5
	enumeration	TBD_6
	enumeration	TBD_7
	enumeration	TBD_8
	enumeration	TBD_9
	enumeration	TBD_10


**element DataRecipient**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

**element DataRecipient/CRID**

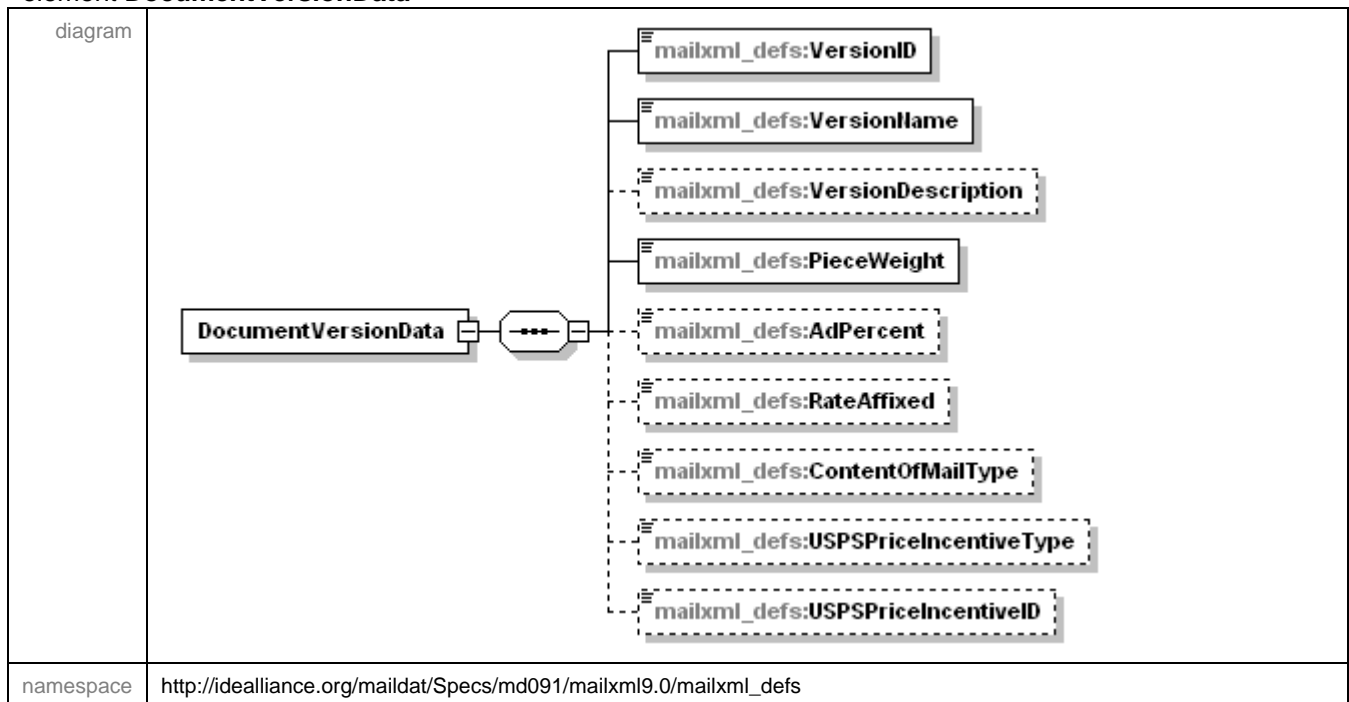
diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

**element DataRecipient/Role**

diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	Data Update Agent	
	enumeration	Owner	
	enumeration	Confirm Subscriber	
	enumeration	Confirm Data Receiver	
	enumeration	ACS Data Receiver	
	enumeration	ACS Subscriber	
	enumeration	List Owner	
	enumeration	Mail Creator	
	enumeration	Addressor	
	enumeration	Comail	
	enumeration	CoMingler	
	enumeration	MLOCR	
	enumeration	Mail Owner	
	enumeration	Mail Agent	
	enumeration	Entry Point Planner	
	enumeration	Shipment Planner	


	enumeration	Consolidator
	enumeration	Secondary Consolidator
	enumeration	Appointment Management Receiver
	enumeration	Consignee/Product Receiver
	enumeration	Dispatcher
	enumeration	Tracker CONFIRM-scan
	enumeration	Tracker CONFIRM-payer
	enumeration	Tracker Seed Source
	enumeration	Tracker Piece-level-scan
	enumeration	Tracker ASN-scan
	enumeration	Tracker Induction-scan
	enumeration	Tracker Planet-code
	enumeration	ACS receiver
	enumeration	ACS payer
	enumeration	Seamless Acceptance
	enumeration	Seamless Verification
	enumeration	Security
	enumeration	Logistics Provider
	enumeration	Carrier
	enumeration	Data Brokering Agent
	enumeration	Nixie
	enumeration	StartTheClock
	enumeration	ContainerVisibility
	enumeration	DeliveryPointValidation

element **DocumentVersionData**




used by	complexTypes <a href="#">bundleVersionRecordType</a> <a href="#">palletContainerVersionRecordType</a> <a href="#">sackTrayContainerVersionRecordType</a>
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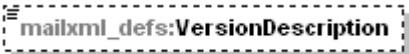
element **DocumentVersionData/VersionID**

diagram	 The diagram shows a solid rectangular box with the text "mailxml_defs:VersionID" inside.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **DocumentVersionData/VersionName**

diagram	 The diagram shows a solid rectangular box with the text "mailxml_defs:VersionName" inside.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **DocumentVersionData/VersionDescription**

diagram	 The diagram shows a dashed rectangular box with the text "mailxml_defs:VersionDescription" inside.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **DocumentVersionData/PieceWeight**

diagram	 The diagram shows a solid rectangular box with the text "mailxml_defs:PieceWeight" inside.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **DocumentVersionData/AdPercent**

diagram	 The diagram shows a dashed rectangular box with the text "mailxml_defs:AdPercent" inside.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **DocumentVersionData/RateAffixed**

diagram	 The diagram shows a dashed rectangular box with the text "mailxml_defs:RateAffixed" inside.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **DocumentVersionData/ContentOfMailType**

diagram	 The diagram shows a dashed rectangular box containing the text <code>mailxml_defs:ContentOfMailType</code> . To the left of the box is a small icon consisting of three horizontal lines of decreasing width, resembling a document or a list.		
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	

element **DocumentVersionData/USPSPriceIncentiveType**

diagram	 The diagram shows a dashed rectangular box containing the text <code>mailxml_defs:USPSPriceIncentiveType</code> . To the left of the box is a small icon consisting of three horizontal lines of decreasing width, resembling a document or a list.		
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	

element **DocumentVersionData/USPSPriceIncentiveID**

diagram	 The diagram shows a dashed rectangular box containing the text <code>mailxml_defs:USPSPriceIncentiveID</code> . To the left of the box is a small icon consisting of three horizontal lines of decreasing width, resembling a document or a list.		
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	

	enumeration	TBD_7
	enumeration	TBD_8
	enumeration	TBD_9
	enumeration	TBD_10

**element DocumentVersionDataWithPermit**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element DocumentVersionDataWithPermit/VersionID**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element DocumentVersionDataWithPermit/VersionName**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **DocumentVersionDataWithPermit/VersionDescription**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **DocumentVersionDataWithPermit/PieceWeight**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

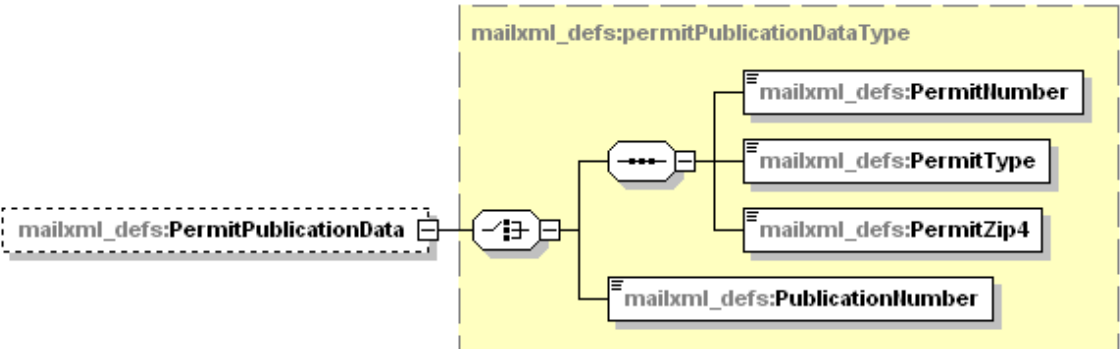
element **DocumentVersionDataWithPermit/AdPercent**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **DocumentVersionDataWithPermit/RateAffixed**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **DocumentVersionDataWithPermit/PermitPublicationData**

diagram	 <p>The diagram shows the structure of the <code>mailxml_defs:PermitPublicationData</code> element. It is a dashed box containing a sequence of elements. The first element is <code>mailxml_defs:PermitPublicationData</code> itself. This is followed by a choice element (indicated by a circle with a vertical bar and a plus sign) that branches into two paths. The first path leads to a sequence of three elements: <code>mailxml_defs:PermitLumber</code>, <code>mailxml_defs:PermitType</code>, and <code>mailxml_defs:PermitZip4</code>. The second path leads to <code>mailxml_defs:PublicationNumber</code>. The entire structure is enclosed in a yellow dashed box labeled <code>mailxml_defs:permitPublicationDataType</code>.</p>
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

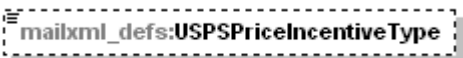
element **DocumentVersionDataWithPermit/TotalCopies**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

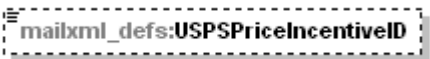
element **DocumentVersionDataWithPermit/TotalPieces**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

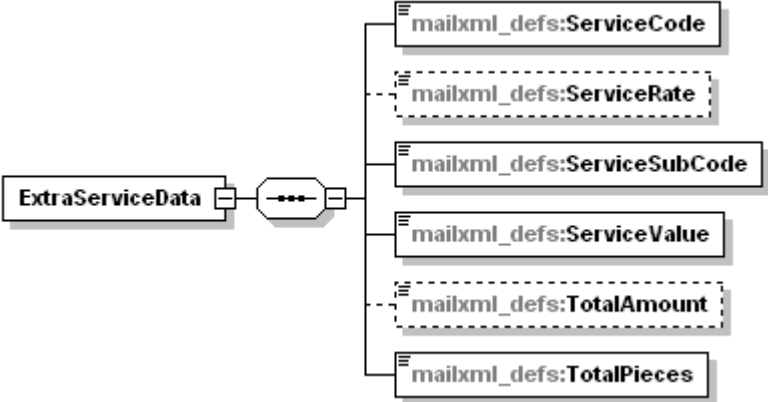
element **DocumentVersionDataWithPermit/USPSPriceIncentiveType**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	


element **DocumentVersionDataWithPermit/USPSPriceIncentiveID**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	


element **ExtraServiceData**

diagram	 <p>The diagram shows the <b>ExtraServiceData</b> element connected to a container (octagon with three dots) which then branches into six child elements: <b>mailxml_defs:ServiceCode</b>, <b>mailxml_defs:ServiceRate</b>, <b>mailxml_defs:ServiceSubCode</b>, <b>mailxml_defs:ServiceValue</b>, <b>mailxml_defs:TotalAmount</b>, and <b>mailxml_defs:TotalPieces</b>. The <b>ServiceRate</b> and <b>TotalAmount</b> elements are shown with dashed borders, indicating they are optional.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **ExtraServiceData/ServiceCode**

diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	CM	
	enumeration	COD	
	enumeration	COM	
	enumeration	DC	
	enumeration	IM	
	enumeration	PAL	
	enumeration	RD	
	enumeration	RM	
	enumeration	RR	
	enumeration	RRE	
	enumeration	RRM	
	enumeration	SC	
	enumeration	SH	

element **ExtraServiceData/ServiceRate**


diagram	 <p>The diagram shows the <b>mailxml_defs:ServiceRate</b> element as a dashed box, indicating it is optional.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **ExtraServiceData/ServiceSubCode**


diagram	 <p>The diagram shows the <b>mailxml_defs:ServiceSubCode</b> element as a solid box.</p>
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namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	N	
	enumeration	E	
	enumeration	R	
	enumeration	T	
	enumeration	B	


**element ExtraServiceData/ServiceValue**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		

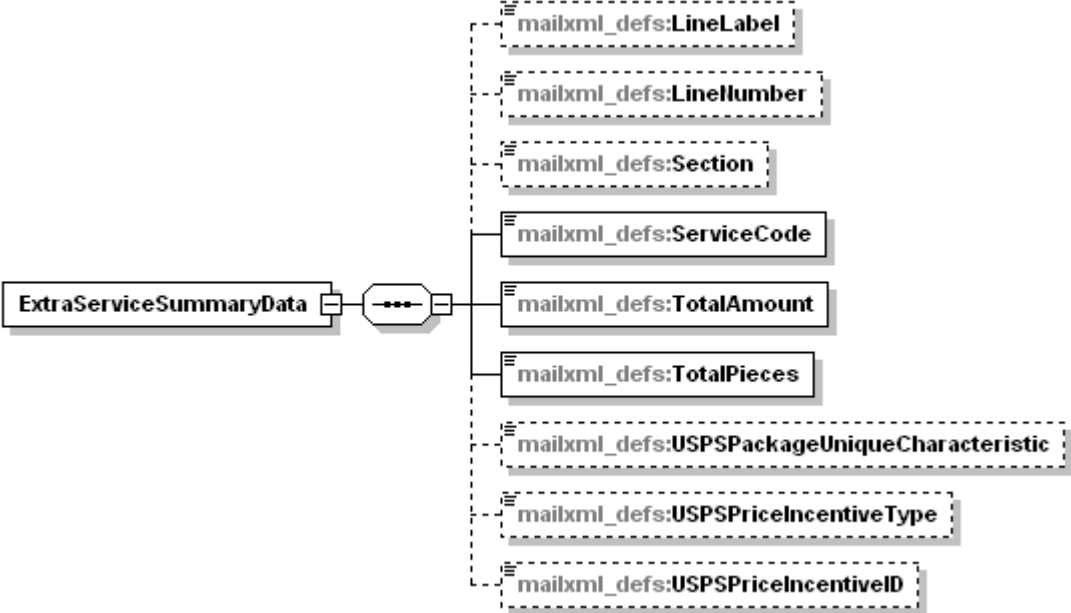
**element ExtraServiceData/TotalAmount**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		


**element ExtraServiceData/TotalPieces**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		


element **ExtraServiceSummaryData**

diagram	 <p>The diagram shows the structure of the <b>ExtraServiceSummaryData</b> element. It is a container element (rectangle with a small square on the left) that contains a sequence of child elements (indicated by a dashed line and a circle with three dots). The child elements are:</p> <ul style="list-style-type: none"> <li><b>mailxml_defs:LineLabel</b> (dashed box)</li> <li><b>mailxml_defs:LineNumber</b> (dashed box)</li> <li><b>mailxml_defs:Section</b> (dashed box)</li> <li><b>mailxml_defs:ServiceCode</b> (solid box)</li> <li><b>mailxml_defs:TotalAmount</b> (solid box)</li> <li><b>mailxml_defs:TotalPieces</b> (solid box)</li> <li><b>mailxml_defs:USPSPackageUniqueCharacteristic</b> (dashed box)</li> <li><b>mailxml_defs:USPSPriceIncentiveType</b> (dashed box)</li> <li><b>mailxml_defs:USPSPriceIncentiveID</b> (dashed box)</li> </ul>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **ExtraServiceSummaryData/LineLabel**

diagram	 <p>The diagram shows the <b>mailxml_defs:LineLabel</b> element as a dashed box.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **ExtraServiceSummaryData/LineNumber**

diagram	 <p>The diagram shows the <b>mailxml_defs:LineNumber</b> element as a dashed box.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **ExtraServiceSummaryData/Section**


diagram	 <p>The diagram shows the <b>mailxml_defs:Section</b> element as a dashed box.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **ExtraServiceSummaryData/ServiceCode**


diagram	 <p>The diagram shows the <b>mailxml_defs:ServiceCode</b> element as a solid box.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

facets	Kind	Value	annotation
	enumeration	CM	
	enumeration	COD	
	enumeration	COM	
	enumeration	DC	
	enumeration	IM	
	enumeration	PAL	
	enumeration	RD	
	enumeration	RM	
	enumeration	RR	
	enumeration	RRE	
	enumeration	RRM	
	enumeration	SC	
	enumeration	SH	

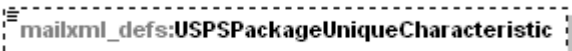
element **ExtraServiceSummaryData/TotalAmount**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **ExtraServiceSummaryData/TotalPieces**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

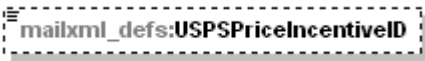
element **ExtraServiceSummaryData/USPSPackageUniqueCharacteristic**

diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	


element **ExtraServiceSummaryData/USPSPricelncentiveType**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	

element **ExtraServiceSummaryData/USPSPricelncentiveID**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	

element **LargeTransactionDivider**

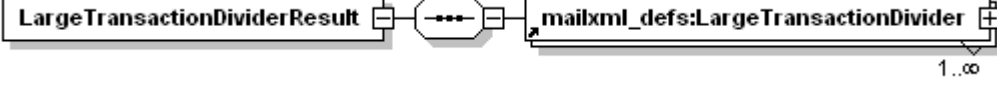
diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
used by	element <a href="#">LargeTransactionDividerResult</a>		

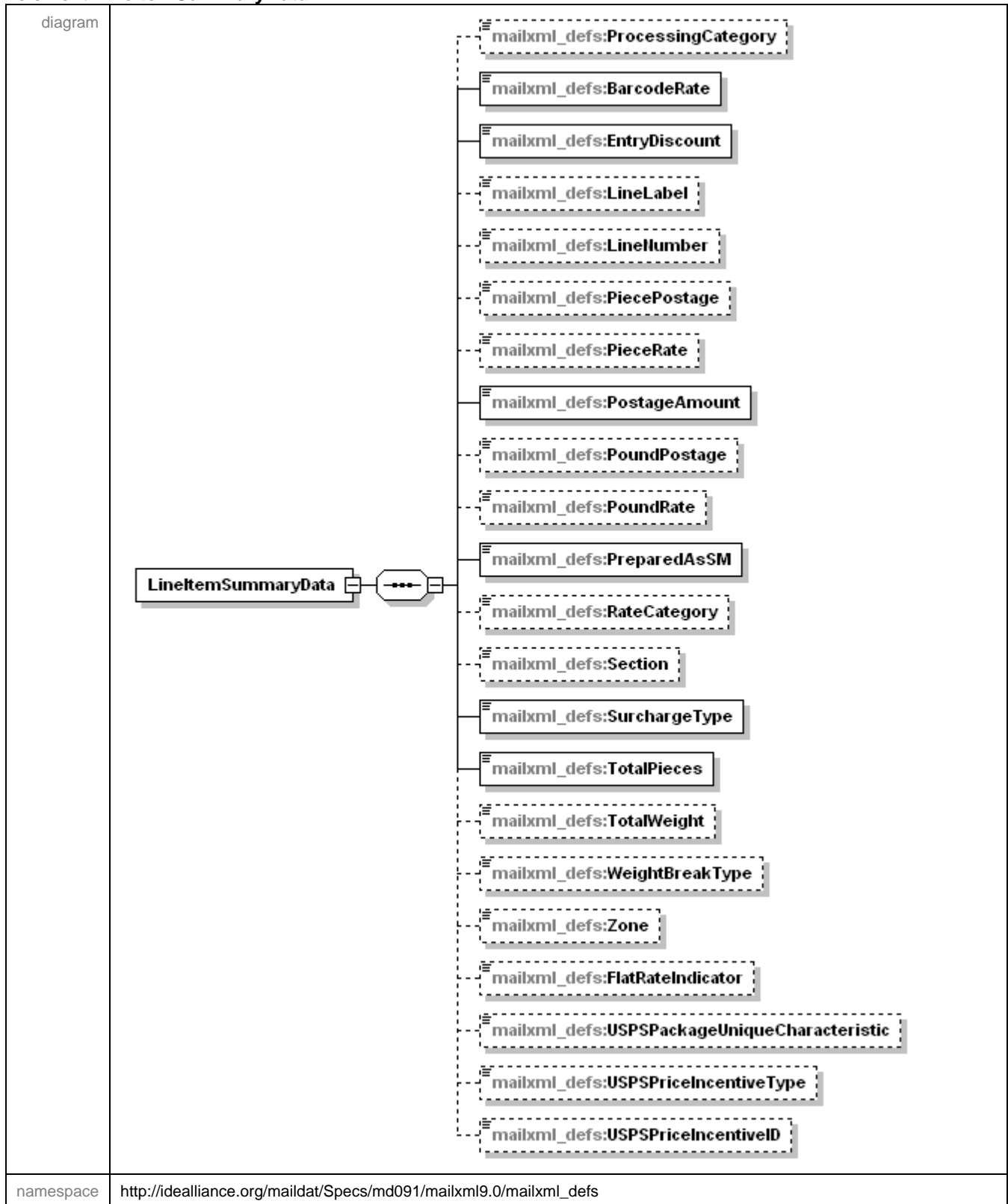
element **LargeTransactionDivider/TrackingID**

diagram			
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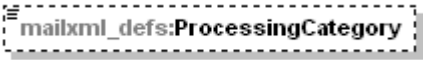
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

element **LargeTransactionDividerResult**


diagram	 <p>1..∞</p>
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **LineItemSummaryData**


element **LinItemSummaryData/ProcessingCategory**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	LT	
	enumeration	FL	
	enumeration	CD	
	enumeration	OS	
	enumeration	MP	
	enumeration	IR	
	enumeration	PF	
	enumeration	CM	
	enumeration	NP	
	enumeration	NA	
	enumeration	NB	

element **LinItemSummaryData/BarcodeRate**


diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	Y	
	enumeration	N	
	enumeration	O	

element **LinItemSummaryData/EntryDiscount**


diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	N	
	enumeration	B	
	enumeration	S	
	enumeration	D	
	enumeration	A	
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	

	enumeration	TBD_8
	enumeration	TBD_9
	enumeration	TBD_10


**element LinelItemSummaryData/LineLabel**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element LinelItemSummaryData/LineNumber**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element LinelItemSummaryData/PiecePostage**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element LinelItemSummaryData/PieceRate**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element LinelItemSummaryData/PostageAmount**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element LinelItemSummaryData/PoundPostage**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **LinItemSummaryData/PoundRate**

diagram	 The diagram shows a dashed rectangular box containing the text 'mailxml_defs:PoundRate'.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **LinItemSummaryData/PreparedAsSM**


diagram	 The diagram shows a solid rectangular box containing the text 'mailxml_defs:PreparedAsSM'.		
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	Yes	
	enumeration	No	

element **LinItemSummaryData/RateCategory**

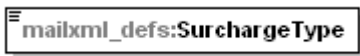
diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	A	
	enumeration	AF	
	enumeration	B	
	enumeration	BF	
	enumeration	D	
	enumeration	DF	
	enumeration	E	
	enumeration	FB	
	enumeration	G	
	enumeration	GF	
	enumeration	H	
	enumeration	K	
	enumeration	KF	
	enumeration	L	
	enumeration	L1	
	enumeration	L2	
	enumeration	L3	
	enumeration	L4	
	enumeration	L5	
	enumeration	L6	
	enumeration	L7	
	enumeration	L8	
	enumeration	N	
	enumeration	NG	
	enumeration	NK	

	enumeration	N5
	enumeration	N6
	enumeration	PI
	enumeration	PM
	enumeration	P7
	enumeration	P8
	enumeration	PE
	enumeration	PQ
	enumeration	PR
	enumeration	PG
	enumeration	PK
	enumeration	P5
	enumeration	P6
	enumeration	S
	enumeration	Z1
	enumeration	Z2


**element LinelItemSummaryData/Section**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element LinelItemSummaryData/SurchargeType**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	2	
	enumeration	A	
	enumeration	D	
	enumeration	N	
	enumeration	P	
	enumeration	E	
	enumeration	R	
	enumeration	L	
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	

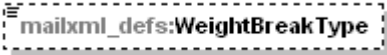
element **LinItemSummaryData/TotalPieces**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

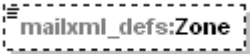
element **LinItemSummaryData/TotalWeight**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **LinItemSummaryData/WeightBreakType**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	A	
	enumeration	B	
	enumeration	H	
	enumeration	N	

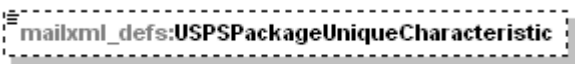
element **LinItemSummaryData/Zone**

diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	N	
	enumeration	M	
	enumeration	LC	
	enumeration	1	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	ICD	
	enumeration	IC	
	enumeration	DDU	
	enumeration	SCF	
	enumeration	ADC	


element **LinItemSummaryData/FlatRateIndicator**

diagram	 The diagram shows a dashed rectangular box containing the text <code>mailxml_defs:FlatRateIndicator</code> . To the left of the box is a small icon consisting of three horizontal lines of decreasing width, resembling a document or a list.		
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	B	
	enumeration	E	
	enumeration	L	
	enumeration	M	
	enumeration	S	

element **LinItemSummaryData/USPSPackageUniqueCharacteristic**

diagram	 The diagram shows a dashed rectangular box containing the text <code>mailxml_defs:USPSPackageUniqueCharacteristic</code> . To the left of the box is a small icon consisting of three horizontal lines of decreasing width, resembling a document or a list.		
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	

element **LinItemSummaryData/USPSPriceIncentiveType**

diagram	 The diagram shows a dashed rectangular box containing the text <code>mailxml_defs:USPSPriceIncentiveType</code> . To the left of the box is a small icon consisting of three horizontal lines of decreasing width, resembling a document or a list.		
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	

element **LineItemSummaryData/USPSPriceIncentiveID**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	
	enumeration	TBD_4	
	enumeration	TBD_5	
	enumeration	TBD_6	
	enumeration	TBD_7	
	enumeration	TBD_8	
	enumeration	TBD_9	
	enumeration	TBD_10	

element **QueryError**

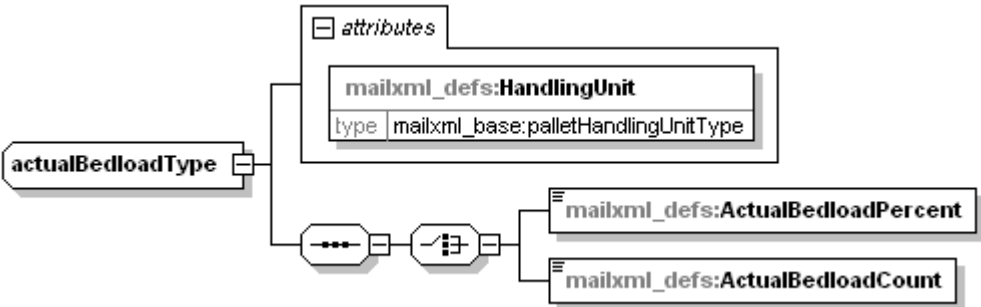
diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
annotation	documentation Error issued when the query data cannot be provided.

element **QueryError/ReturnInfo**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

## 5 Common Definitions Complex Types

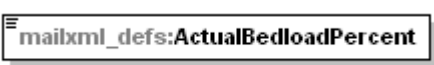
### complexType **actualBedloadType**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:HandlingUnit</a>	mailxml_base:palletHandlingUnitType	required			


### attribute **actualBedloadType/@HandlingUnit**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs				
facets	Kind	Value	annotation		
	enumeration	Sacks			
	enumeration	Bundles			
	enumeration	MixedLengthTrays			
	enumeration	1ft Tray			
	enumeration	2ft Tray			
	enumeration	EMM Tray			
	enumeration	Flat Tub			
	enumeration	Parcels			

### element **actualBedloadType/ActualBedloadPercent**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

### element **actualBedloadType/ActualBedloadCount**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**complexType actualPalletType**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:HandlingUnit</a>	mailxml_base:palletHandlingUnitType	required			

**attribute actualPalletType/@HandlingUnit**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs				
facets	Kind	Value	annotation		
	enumeration	Sacks			
	enumeration	Bundles			
	enumeration	MixedLengthTrays			
	enumeration	1ft Tray			
	enumeration	2ft Tray			
	enumeration	EMM Tray			
	enumeration	Flat Tub			
	enumeration	Parcels			


**element actualPalletType/ActualPalletCount**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


complexType **addressCorrectionAddressType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
used by	element <a href="#">newAddressCorrectionAddressType/NewDomesticAddress</a>


element **addressCorrectionAddressType/AddressType**

element address:AddressType/addressType			
diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	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/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element addressCorrectionAddressType/PrimaryNumber**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element addressCorrectionAddressType/PreDirectional**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element addressCorrectionAddressType/StreetName**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element addressCorrectionAddressType/StreetSuffix**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

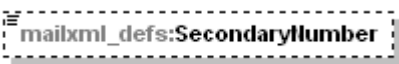
**element addressCorrectionAddressType/PostDirectional**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element addressCorrectionAddressType/UnitDesignator**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **addressCorrectionAddressType/SecondaryNumber**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **addressCorrectionAddressType/City**


diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **addressCorrectionAddressType/State**


diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
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
	enumeration	UT
	enumeration	VT
	enumeration	VI
	enumeration	VA
	enumeration	WA
	enumeration	WV
	enumeration	WI
	enumeration	WY


**element addressCorrectionAddressType/ZipCode**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

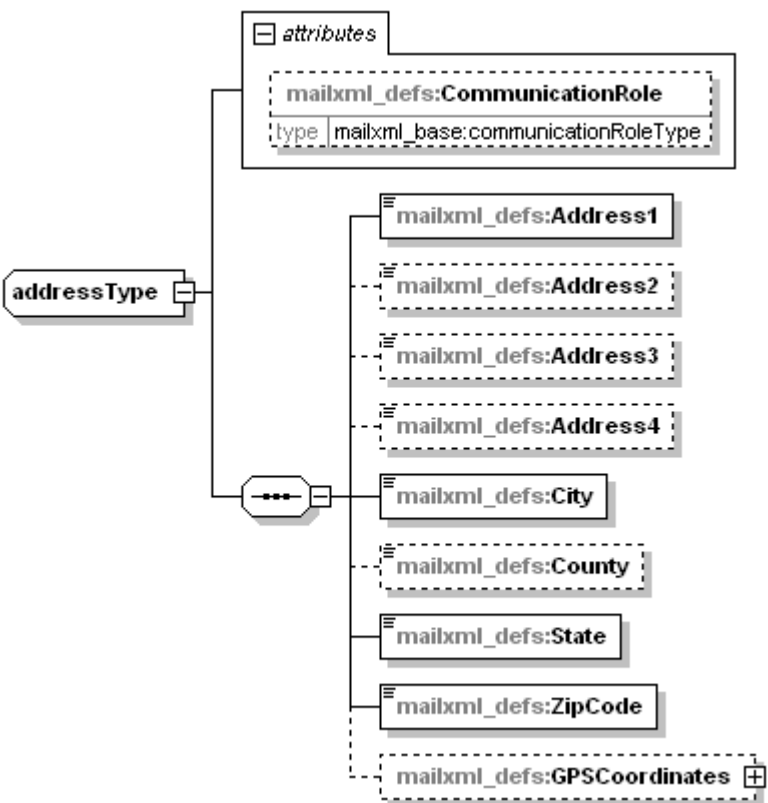
element **addressCorrectionAddressType/ZipCodePlus4**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **addressCorrectionAddressType/DeliveryPoint11DigitZip**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

complexType **addressType**


diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
used by	elements <a href="#">consigneeFacilityType/FacilityAddress</a> <a href="#">consigneeFacilityType/FacilityAddress</a>					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:CommunicationRole</a>	mailxml_base:communicationRoleType				

attribute **addressType/@CommunicationRole**


namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs				
facets	Kind	Value	annotation		

	enumeration From
	enumeration To
	enumeration CC


**element addressType/Address1**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:Address1" is written. To the left of the box, there is a small icon consisting of three horizontal lines of increasing length, resembling a list or a menu.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element addressType/Address2**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:Address2" is written. To the left of the box, there is a small icon consisting of three horizontal lines of increasing length, resembling a list or a menu.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element addressType/Address3**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:Address3" is written. To the left of the box, there is a small icon consisting of three horizontal lines of increasing length, resembling a list or a menu.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element addressType/Address4**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:Address4" is written. To the left of the box, there is a small icon consisting of three horizontal lines of increasing length, resembling a list or a menu.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element addressType/City**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:City" is written. To the left of the box, there is a small icon consisting of three horizontal lines of increasing length, resembling a list or a menu.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**element addressType/County**


diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:County" is written. To the left of the box, there is a small icon consisting of three horizontal lines of increasing length, resembling a list or a menu.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **addressType/State**

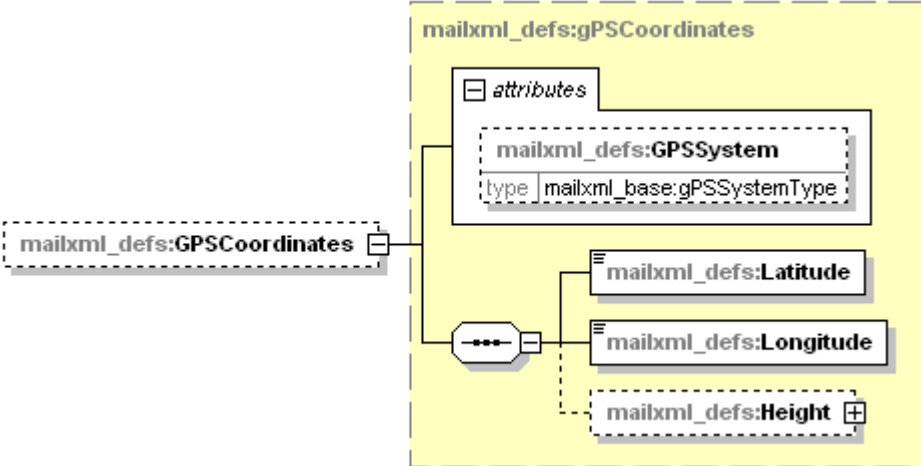
diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	AA	
	enumeration	AE	
	enumeration	AP	
	enumeration	AL	
	enumeration	AK	
	enumeration	AS	
	enumeration	AZ	
	enumeration	AR	
	enumeration	CA	
	enumeration	CO	
	enumeration	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
	enumeration	UT
	enumeration	VT
	enumeration	VI
	enumeration	VA
	enumeration	WA
	enumeration	WV
	enumeration	WI
	enumeration	WY

element **addressType/ZipCode**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **addressType/GPSCoordinates**

diagram						
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>					
attributes	Name	Type	Use	Default	Fixed	annotation

	<a href="#">mailxml_defs:GPSSystem</a>	mailxml_base:gPSSystemType	MSL
--	--	----------------------------	-----

complexType **basicReturnInfoType**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
used by	elements	<a href="#">QueryError/ReturnInfo</a> <a href="#">OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelAccept/ReturnInfo</a> <a href="#">OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelReject/ReturnInfo</a> <a href="#">OriginalContainerLinkageCreateResponse/LinkedContainerCreateAccept/ReturnInfo</a> <a href="#">OriginalContainerLinkageCreateResponse/LinkedContainerCreateReject/ReturnInfo</a> <a href="#">PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/ReturnInfo</a> <a href="#">PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject/ReturnInfo</a> <a href="#">SiblingContainerCancelResponse/SiblingContainerCancelAccept/ReturnInfo</a> <a href="#">SiblingContainerCancelResponse/SiblingContainerCancelReject/ReturnInfo</a> <a href="#">SiblingContainerCreateResponse/SiblingContainerCreateAccept/ReturnInfo</a> <a href="#">SiblingContainerCreateResponse/SiblingContainerCreateReject/ReturnInfo</a>	

element **basicReturnInfoType/ReturnCode**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		

element **basicReturnInfoType/ReturnDescription**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		

complexType **bundleRecordType**

diagram	<p>The diagram shows the structure of the <b>bundleRecordType</b> complex type. It is a container for several elements. The <b>mailxml_defs:PublicationInfo</b> element is required (solid box). The <b>mailxml_defs:PublicationTitle</b>, <b>mailxml_defs:PostageStatementLineNumber</b>, <b>mailxml_defs:ChargeableContainerLevel</b>, <b>mailxml_defs:ChargeableBundleLevel</b>, <b>mailxml_defs:Bundles</b>, <b>mailxml_defs:IssueDate</b>, <b>mailxml_defs:IssuelNumber</b>, and <b>mailxml_defs:Volumellumber</b> elements are optional (dashed boxes). The <b>bundleRecordType</b> is connected to a choice element (circle with three dots) which contains the optional elements.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **bundleRecordType/PublicationInfo**

diagram	<p>The diagram shows the structure of the <b>mailxml_defs:PublicationInfo</b> element. It is a container for a choice element (circle with three dots) which contains the <b>mailxml_defs:PermitPublicationDataType</b> complex type and the <b>mailxml_defs:PublicationNumber</b> element. The <b>mailxml_defs:PermitPublicationDataType</b> complex type is shown in a dashed box and contains the <b>mailxml_defs:PermitNumber</b>, <b>mailxml_defs:PermitType</b>, and <b>mailxml_defs:PermitZip4</b> elements.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **bundleRecordType/PublicationTitle**

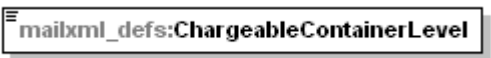
diagram	<p>The diagram shows the structure of the <b>mailxml_defs:PublicationTitle</b> element. It is a simple element represented by a dashed box.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **bundleRecordType/PostageStatementLineNumber**

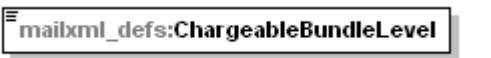
diagram	<p>The diagram shows the structure of the <b>mailxml_defs:PostageStatementLineNumber</b> element. It is a simple element represented by a dashed box.</p>
---------	---

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	D1	
	enumeration	D2	
	enumeration	D3	
	enumeration	D4	
	enumeration	D5	
	enumeration	D6	
	enumeration	D7	
	enumeration	D8	
	enumeration	D9	
	enumeration	D10	
	enumeration	D11	
	enumeration	D12	
	enumeration	D13	
	enumeration	D14	
	enumeration	D15	
	enumeration	D16	
	enumeration	D17	


**element bundleRecordType/ChargeableContainerLevel**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	3	
	enumeration	5	
	enumeration	A	
	enumeration	M	


**element bundleRecordType/ChargeableBundleLevel**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	3	
	enumeration	5	
	enumeration	A	
	enumeration	C	
	enumeration	F	
	enumeration	M	

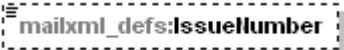
element **bundleRecordType/Bundles**

diagram	 The diagram shows a rectangular box with a solid border. Inside the box, the text "mailxml_defs:Bundles" is displayed. To the left of the text is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

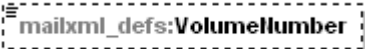
element **bundleRecordType/IssueDate**

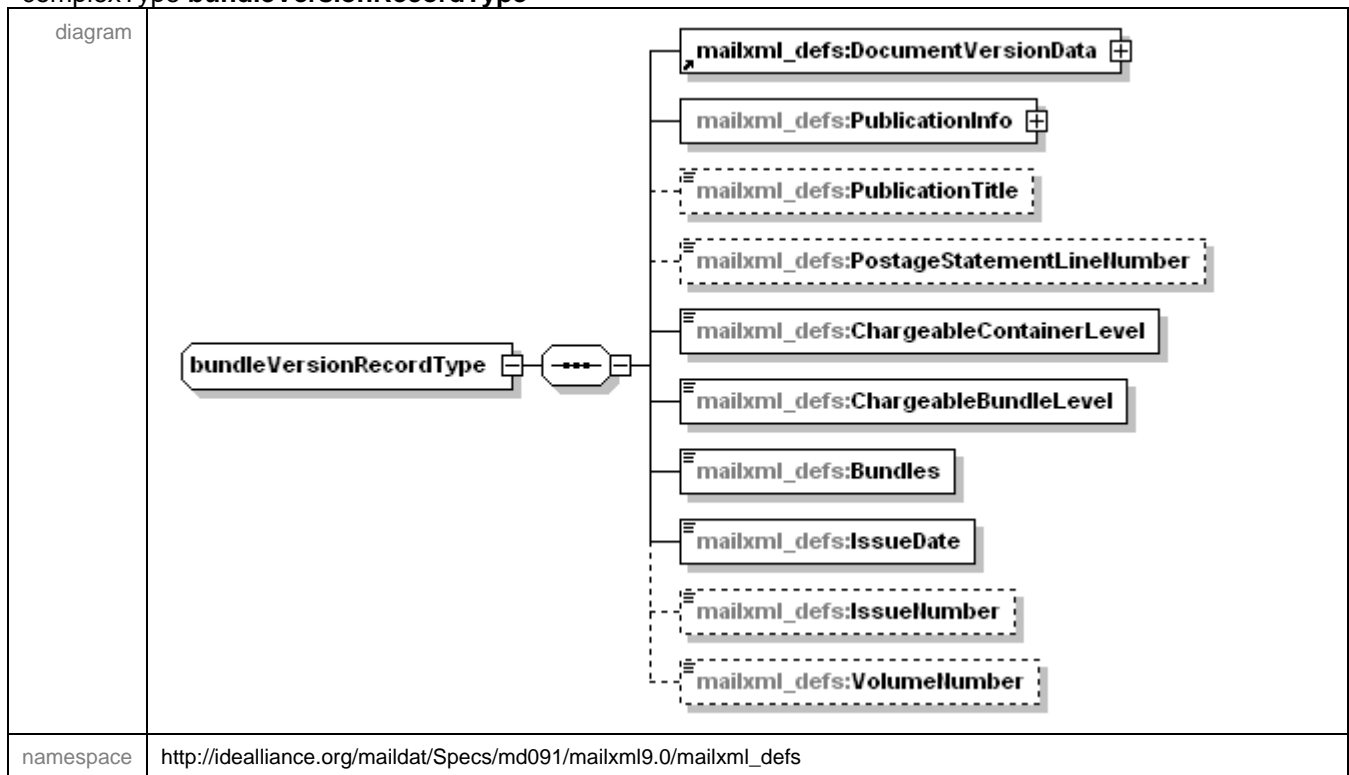
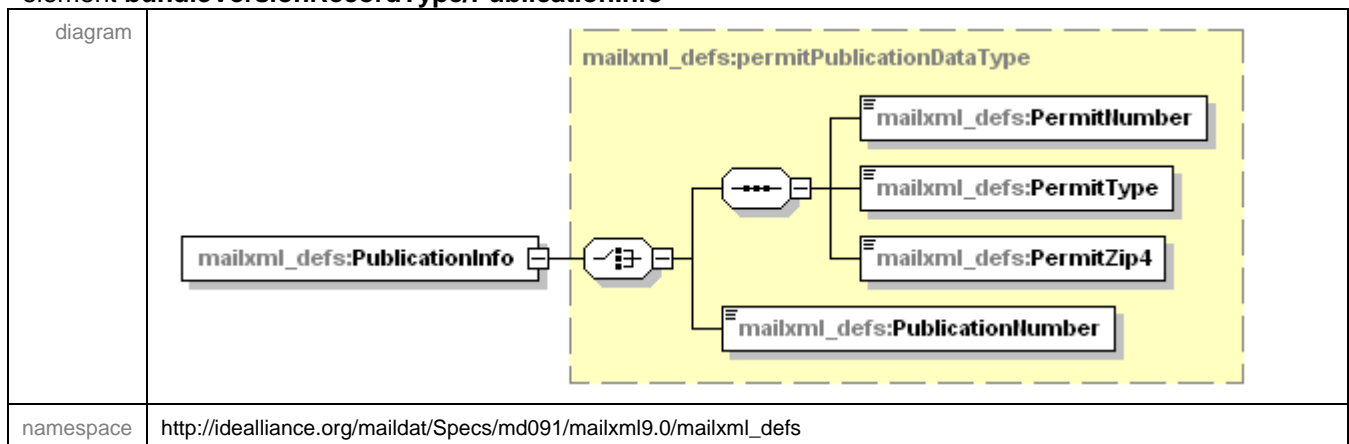
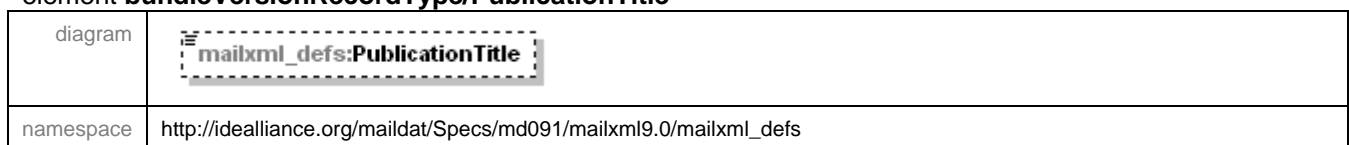
diagram	 The diagram shows a rectangular box with a solid border. Inside the box, the text "mailxml_defs:IssueDate" is displayed. To the left of the text is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **bundleRecordType/IssueNumber**

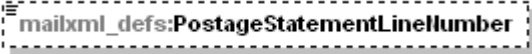
diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:IssueNumber" is displayed. To the left of the text is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **bundleRecordType/VolumeNumber**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:VolumeNumber" is displayed. To the left of the text is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

complexType **bundleVersionRecordType**element **bundleVersionRecordType/PublicationInfo**element **bundleVersionRecordType/PublicationTitle**


element **bundleVersionRecordType/PostageStatementLineNumber**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	D1	
	enumeration	D2	
	enumeration	D3	
	enumeration	D4	
	enumeration	D5	
	enumeration	D6	
	enumeration	D7	
	enumeration	D8	
	enumeration	D9	
	enumeration	D10	
	enumeration	D11	
	enumeration	D12	
	enumeration	D13	
	enumeration	D14	
	enumeration	D15	
	enumeration	D16	
	enumeration	D17	

element **bundleVersionRecordType/ChargeableContainerLevel**


diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	3	
	enumeration	5	
	enumeration	A	
	enumeration	M	

element **bundleVersionRecordType/ChargeableBundleLevel**


diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	3	
	enumeration	5	
	enumeration	A	
	enumeration	C	
	enumeration	F	

	enumeration M
--	---------------


**element bundleVersionRecordType/Bundles**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element bundleVersionRecordType/IssueDate**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

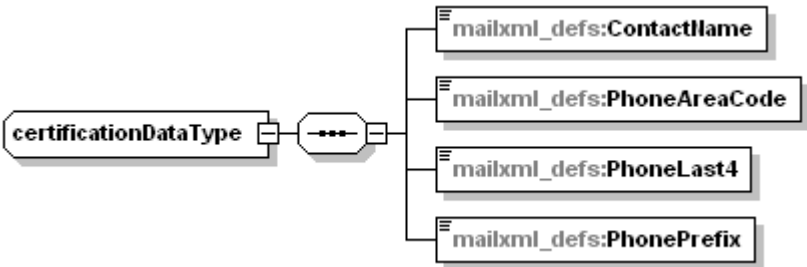
**element bundleVersionRecordType/IssueNumber**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**element bundleVersionRecordType/VolumeNumber**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**complexType certificationDataType**


diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**element certificationDataType/ContactName**


diagram	
---------	---

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--


element **certificationDataType/PhoneAreaCode**

diagram	 A diagram showing a rectangular box with the text "mailxml_defs:PhoneAreaCode". To the left of the box is a small icon consisting of three horizontal lines.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

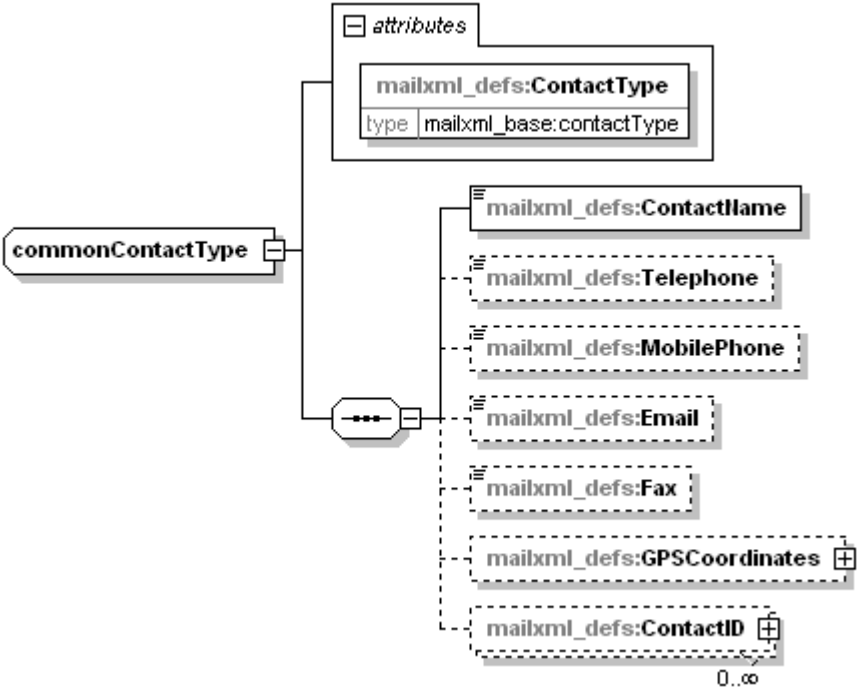
element **certificationDataType/PhoneLast4**

diagram	 A diagram showing a rectangular box with the text "mailxml_defs:PhoneLast4". To the left of the box is a small icon consisting of three horizontal lines.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **certificationDataType/PhonePrefix**

diagram	 A diagram showing a rectangular box with the text "mailxml_defs:PhonePrefix". To the left of the box is a small icon consisting of three horizontal lines.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

complexType **commonContactType**


diagram	 A diagram showing the structure of the commonContactType complex type. On the left is a box labeled "commonContactType". A line connects it to a box labeled "attributes" which contains "mailxml_defs:ContactType" and "type mailxml_base:contactType". Another line connects the "commonContactType" box to a container box. Inside this container box are several elements: "mailxml_defs:ContactName", "mailxml_defs:Telephone", "mailxml_defs:MobilePhone", "mailxml_defs:Email", "mailxml_defs:Fax", "mailxml_defs:GPSCoordinates" (with a plus icon), and "mailxml_defs:ContactID" (with a plus icon). A dashed line connects the container box to a "0..∞" cardinality indicator.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
used by	element <a href="#">consigneeFacilityType/CommonContact</a>

attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:ContactType</a>	<b>mailxml_base:contactType</b>	required			


**attribute commonContactType/@ContactType**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs				
facets	Kind	Value	annotation		
	enumeration	AccountManager			
	enumeration	Carrier			
	enumeration	CrossDock			
	enumeration	CustomerService			
	enumeration	HelpDesk			
	enumeration	DropShipCoordinator			
	enumeration	ApptCoordinator			
	enumeration	Plant			
	enumeration	InboundFreightCoordinator			
	enumeration	SalesOffice			
	enumeration	TruckDriver			
	enumeration	Warehouse			
	enumeration	Other			


**element commonContactType/ContactName**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

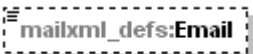
**element commonContactType/Telephone**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element commonContactType/MobilePhone**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

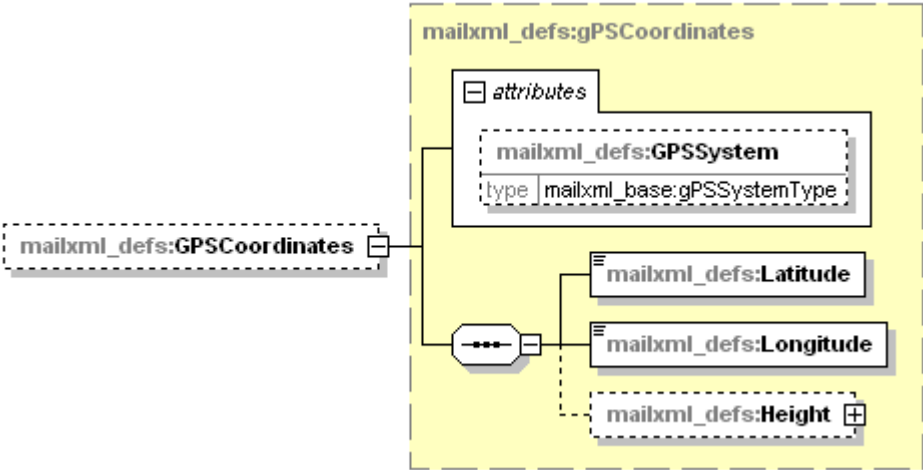
**element commonContactType/Email**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

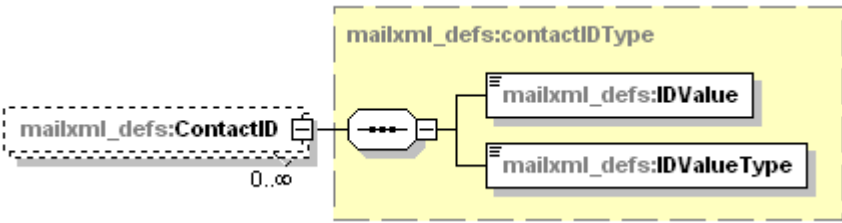
element **commonContactType/Fax**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **commonContactType/GPSCoordinates**

diagram						
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:GPSSystem</a>	mailxml_base:GPSSystemType		MSL		

element **commonContactType/ContactID**

diagram						
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>					

complexType **consigneeFacilityType**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
used by	element <a href="#">returnInfoType/ConsigneeFacility</a>

element **consigneeFacilityType/CompanyName**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **consigneeFacilityType/FacilityNumber**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **consigneeFacilityType/FacilityAddress**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:CommunicationRole</a>	mailxml_base:communicationRoleType				

element **consigneeFacilityType/FacilityAddress**

diagram					
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs				
attributes	Name	Type	Use	Default	Fixed
	<a href="#">mailxml_defs:CommunicationRole</a>	mailxml_base:communicationRoleType			annotation


element **consigneeFacilityType/FacilityName**

diagram					
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs				

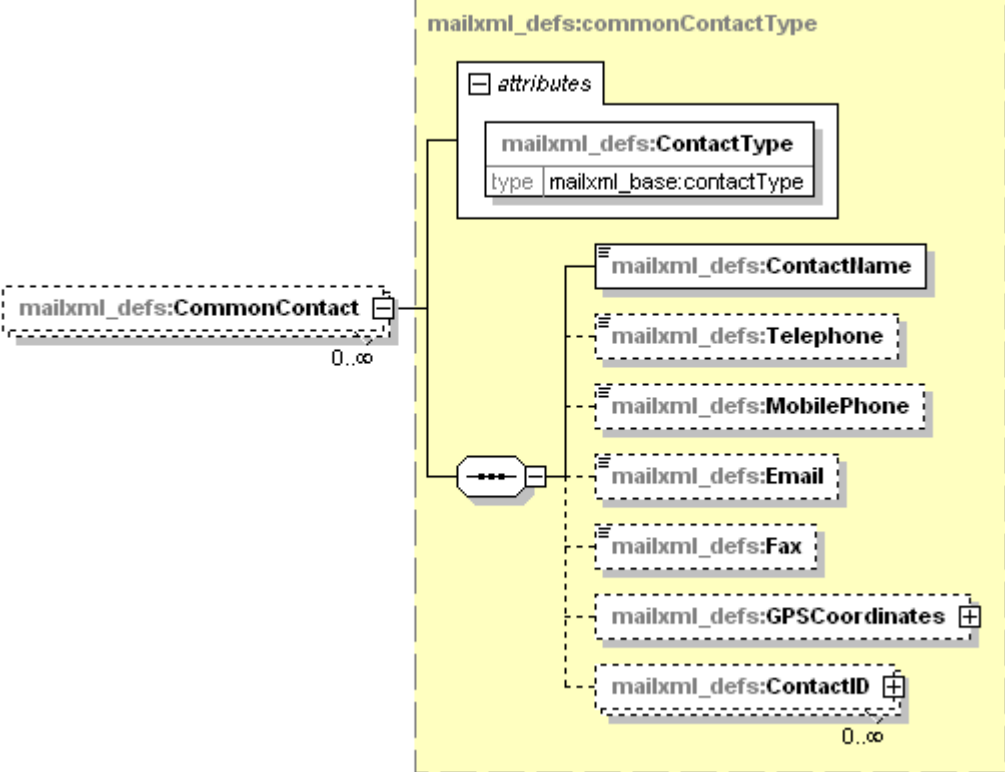
element **consigneeFacilityType/FacilityType**

diagram					
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs				

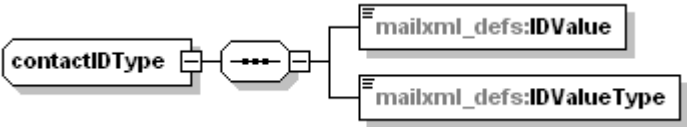
element **consigneeFacilityType/URL**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **consigneeFacilityType/CommonContact**

diagram						
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:ContactType</a>	<b>mailxml_base:contactType</b>	required			


complexType **contactIDType**

diagram						
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>					
used by	element	<a href="#">commonContactType/ContactID</a>				

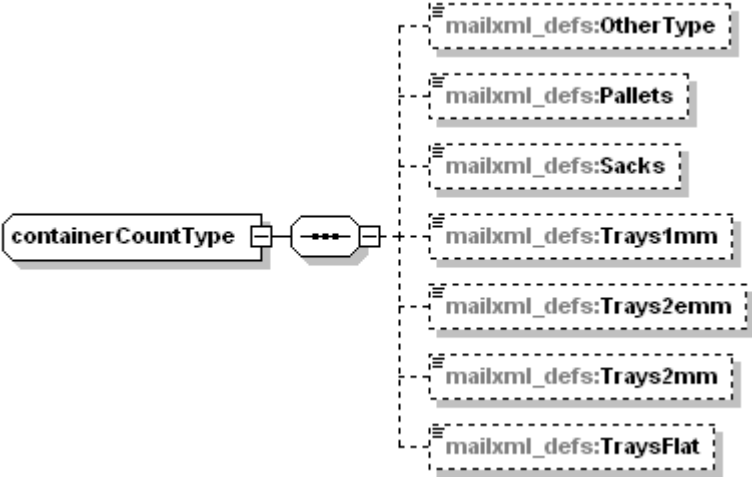
element **contactIDType/IDValue**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **contactIDType/IDValueType**

diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind enumeration	Value DriversLicense	annotation
	enumeration	EmployeeID	


complexType **containerCountType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **containerCountType/OtherType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **containerCountType/Pallets**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element containerCountType/Sacks**

diagram	 The diagram shows a dashed rectangular box containing the text "mailxml_defs:Sacks".
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element containerCountType/Trays1mm**

diagram	 The diagram shows a dashed rectangular box containing the text "mailxml_defs:Trays1mm".
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element containerCountType/Trays2emm**

diagram	 The diagram shows a dashed rectangular box containing the text "mailxml_defs:Trays2emm".
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

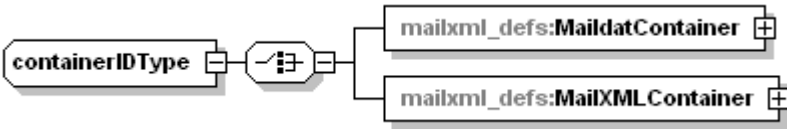
**element containerCountType/Trays2mm**

diagram	 The diagram shows a dashed rectangular box containing the text "mailxml_defs:Trays2mm".
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**element containerCountType/TraysFlat**

diagram	 The diagram shows a dashed rectangular box containing the text "mailxml_defs:TraysFlat".
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**complexType containerIDType**

diagram	 The diagram shows a complex type structure. On the left is a box labeled "containerIDType" with a small square icon. This is connected to a circle containing a plus sign. This circle is then connected to two stacked boxes on the right: "mailxml_defs:MaildatContainer" and "mailxml_defs:MailXMLContainer", each with a small square icon and a plus sign.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **containerIDType/MaildatContainer**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:UserLicenseCode</a>	mailxml_base:userLicenseCodeType	required			
	<a href="#">mailxml_defs:MaildatJobID</a>	mailxml_base:jobIDType	required			
	<a href="#">mailxml_defs:ContainerID</a>	mailxml_base:s06	required			
	<a href="#">mailxml_defs:UniqueContainerBarcode</a>	mailxml_base:container24CharacterBarcodeType	required			


element **containerIDType/MailXMLContainer**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					

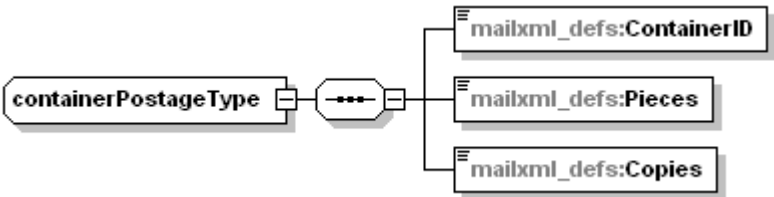
complexType **containerInductionInfoType**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					


element **containerInductionInfoType/ContainerType**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	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	M	


complexType **containerPostageType**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		


**element containerPostageType/ContainerID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

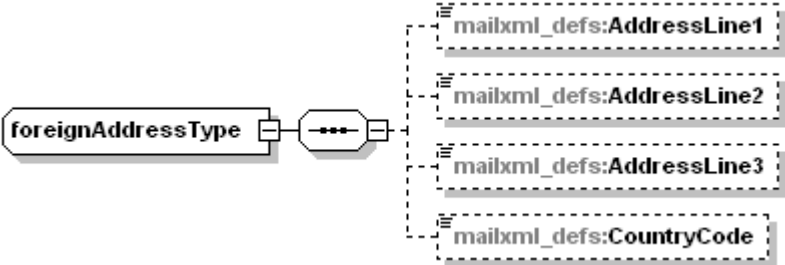
**element containerPostageType/Pieces**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

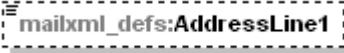
**element containerPostageType/Copies**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

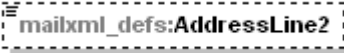
**complexType foreignAddressType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
used by	element <a href="#">newAddressCorrectionAddressType/NewForeignAddress</a>


**element foreignAddressType/AddressLine1**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element foreignAddressType/AddressLine2**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

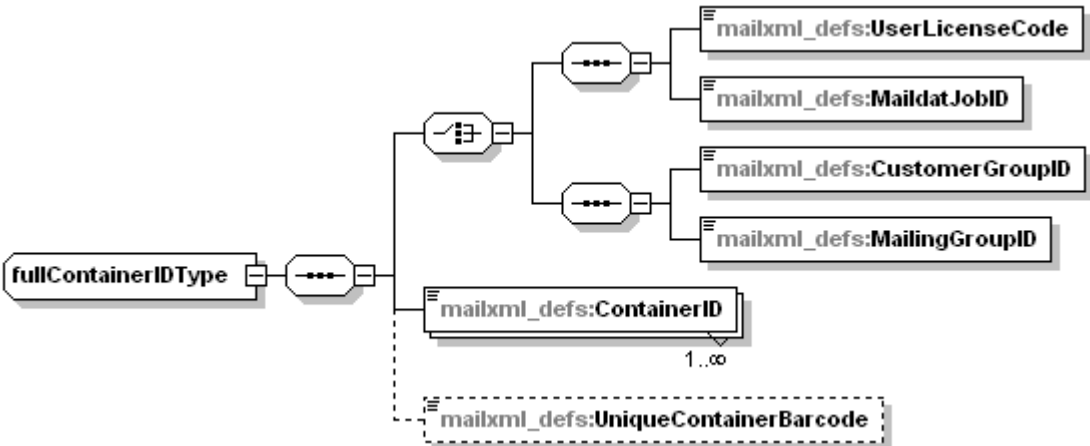
**element foreignAddressType/AddressLine3**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element foreignAddressType/CountryCode**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**complexType fullContainerIDType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
used by	elements <a href="#">SiblingContainerCreateResponse/SiblingContainerCreateAccept/AcceptedSiblingContainer</a> <a href="#">SiblingContainerCancelResponse/SiblingContainerCancelAccept/CancelledSiblingContainer</a> <a href="#">SiblingContainerCreateRequest/NewSiblingContainer</a> <a href="#">SiblingContainerCancelRequest/OriginalContainer</a> <a href="#">SiblingContainerCreateRequest/OriginalContainer</a> <a href="#">SiblingContainerCreateResponse/SiblingContainerCreateReject/RejectedSiblingContainer</a> <a href="#">SiblingContainerCancelRequest/SiblingToDelete</a> <a href="#">SiblingContainerCancelResponse/SiblingContainerCancelReject/SiblingToDelete</a>

**element fullContainerIDType/UserLicenseCode**

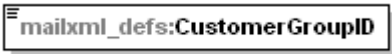
diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**element fullContainerIDType/MaildatJobID**


diagram	
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namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--


**element fullContainerIDType/CustomerGroupID**

diagram	 A diagram showing a rectangular box with a header bar containing three horizontal lines. The text inside the box is "mailxml_defs:CustomerGroupID".
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

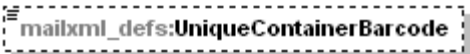
**element fullContainerIDType/MailingGroupID**

diagram	 A diagram showing a rectangular box with a header bar containing three horizontal lines. The text inside the box is "mailxml_defs:MailingGroupID".
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

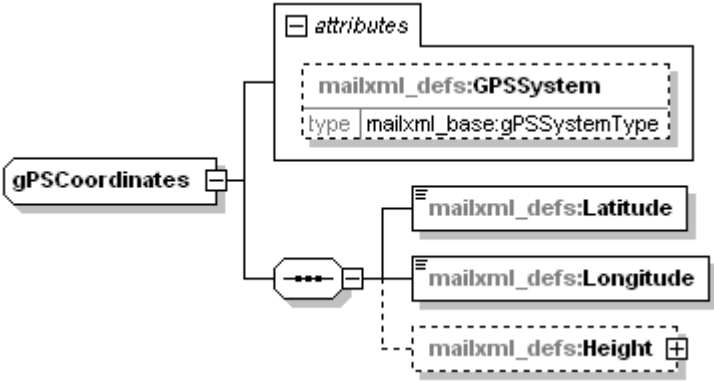
**element fullContainerIDType/ContainerID**

diagram	 A diagram showing a rectangular box with a header bar containing three horizontal lines. The text inside the box is "mailxml_defs:ContainerID". Below the box, the cardinality "1..∞" is indicated.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**element fullContainerIDType/UniqueContainerBarcode**

diagram	 A diagram showing a rectangular box with a dashed border and a header bar containing three horizontal lines. The text inside the box is "mailxml_defs:UniqueContainerBarcode".
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**complexType GPSCoordinates**


diagram	 A diagram showing the structure of the GPSCoordinates complex type. It starts with a box labeled "GPSCoordinates" with a small square icon. A line connects it to a larger box labeled "attributes" with a minus sign icon. Inside the "attributes" box is a dashed box labeled "mailxml_defs:GPSSystem" containing the text "type mailxml_base:GPSSystemType". Below the "attributes" box, a line connects to a box with three dots and a minus sign icon. This box then branches into three lines: one to a box labeled "mailxml_defs:Latitude", one to a box labeled "mailxml_defs:Longitude", and one to a dashed box labeled "mailxml_defs:Height" with a plus sign icon.					
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
used by	elements	<a href="#">addressType/GPSCoordinates</a> <a href="#">commonContactType/GPSCoordinates</a>				
attributes	Name	Type	Use	Default	Fixed	annotation

	<a href="#">mailxml_defs:GPSSystem</a>	mailxml_base:gpssystemType	MSL
--	--	----------------------------	-----


attribute **gPSCoordinates/@GPSSystem**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	ECEF	
	enumeration	HAE	
	enumeration	MSL	

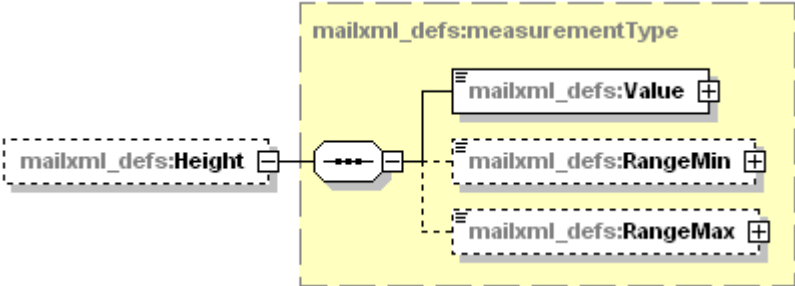
element **gPSCoordinates/Latitude**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **gPSCoordinates/Longitude**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **gPSCoordinates/Height**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**complexType intelligentMailBarcodeType**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
used by	elements <a href="#">mailPieceBlockType/IMB</a> <a href="#">mailPieceIDType/IMB</a>


**element intelligentMailBarcodeType/BarcodeID**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element intelligentMailBarcodeType/ServiceTypeCode**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

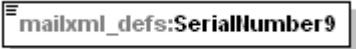
**element intelligentMailBarcodeType/MailClass**

element intelligentMailBarcodeType/MailClass			
diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	


**element intelligentMailBarcodeType/MailerID6**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

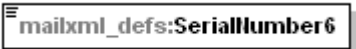
**element intelligentMailBarcodeType/SerialNumber9**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

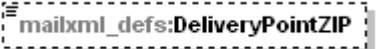
**element intelligentMailBarcodeType/MailerID9**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

**element intelligentMailBarcodeType/SerialNumber6**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

**element intelligentMailBarcodeType/DeliveryPointZIP**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

complexType **maildatContainerIDType**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
used by	elements	<a href="#">containerIDType/MaildatContainer</a> <a href="#">linkingContainerIDType/MaildatContainer</a>				
attributes	Name	Type	Use	Default	Fixed	Annotation
	<a href="#">mailxml_defs:UserLicenseCode</a>	mailxml_base:userLicenseCodeType	required			
	<a href="#">mailxml_defs:MaildatJobID</a>	mailxml_base:jobIDType	required			
	<a href="#">mailxml_defs:ContainerID</a>	mailxml_base:s06	required			
	<a href="#">mailxml_defs:UniqueContainerBarcode</a>	mailxml_base:container24CharacterBarcodeType	required			

complexType **maildatSummaryType**

diagram						
---------	--	--	--	--	--	--

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:IncludedInSummarizationBlock</a>	mailxml_base:yesNo		No		
	<a href="#">mailxml_defs:SchedulerContentID</a>	mailxml_base:s12				


**attribute maildatSummaryType/@IncludedInSummarizationBlock**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
facets	Kind	Value	annotation			
	enumeration	Yes				
	enumeration	No				


**attribute maildatSummaryType/@SchedulerContentID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
-----------	--	--	--	--	--	--


**element maildatSummaryType/UserLicenseCode**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					

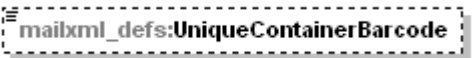
**element maildatSummaryType/MaildatJobID**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					

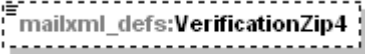
**element maildatSummaryType/DatabaseContainerID**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					

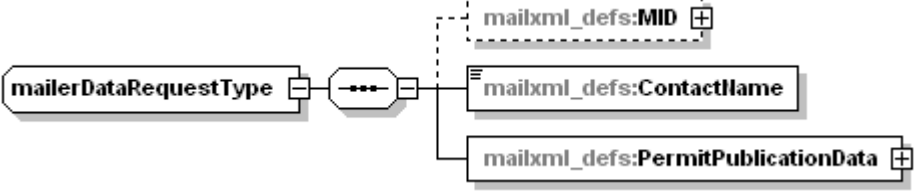
**element maildatSummaryType/UniqueContainerBarcode**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					

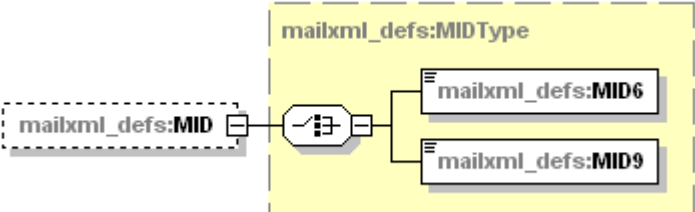
element **maildatSummaryType/VerificationZip4**

diagram	 The diagram shows a single rectangular box labeled <b>mailxml_defs:VerificationZip4</b> with a dashed border.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


complexType **mailerDataRequestType**

diagram	 The diagram shows the <b>mailerDataRequestType</b> complex type. It consists of a sequence of three elements: <b>mailxml_defs:VerificationZip4</b> , <b>mailxml_defs:ContactName</b> , and <b>mailxml_defs:PermitPublicationData</b> . The <b>mailxml_defs:ContactName</b> and <b>mailxml_defs:PermitPublicationData</b> elements are enclosed in a dashed box labeled <b>mailxml_defs:MID</b> with a plus sign, indicating they are optional.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

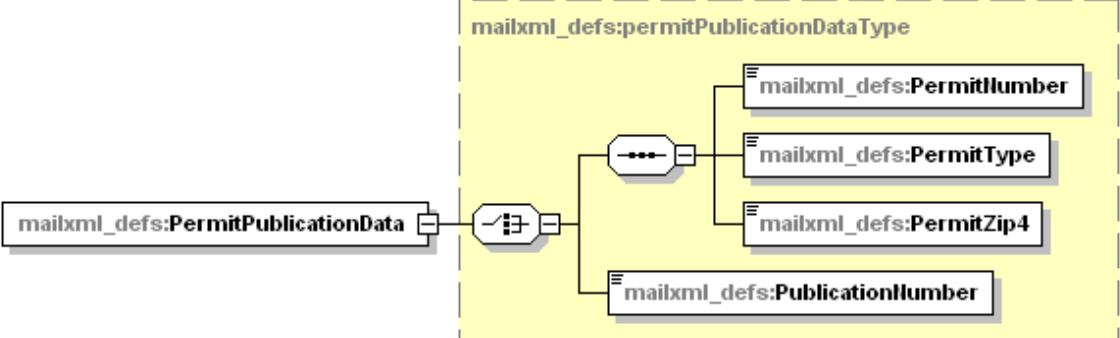
element **mailerDataRequestType/MID**

diagram	 The diagram shows the <b>mailxml_defs:MID</b> element. It is a dashed box containing a sequence of two elements: <b>mailxml_defs:MID6</b> and <b>mailxml_defs:MID9</b> . The <b>mailxml_defs:MID6</b> and <b>mailxml_defs:MID9</b> elements are enclosed in a dashed box labeled <b>mailxml_defs:MIDType</b> with a plus sign, indicating they are optional.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailerDataRequestType/ContactName**

diagram	 The diagram shows a single rectangular box labeled <b>mailxml_defs:ContactName</b> with a dashed border.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailerDataRequestType/PermitPublicationData**

diagram	 The diagram shows the <b>mailxml_defs:PermitPublicationData</b> element. It is a dashed box containing a sequence of four elements: <b>mailxml_defs:PermitLumber</b> , <b>mailxml_defs:PermitType</b> , <b>mailxml_defs:PermitZip4</b> , and <b>mailxml_defs:PublicationNumber</b> . The <b>mailxml_defs:PermitLumber</b> , <b>mailxml_defs:PermitType</b> , and <b>mailxml_defs:PermitZip4</b> elements are enclosed in a dashed box labeled <b>mailxml_defs:PermitPublicationDataType</b> with a plus sign, indicating they are optional.
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namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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complexType **mailerDataType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **mailerDataType/Address1**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element mailerDataType/Address2**

diagram	 A dashed rectangular box containing the text <code>mailxml_defs:Address2</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element mailerDataType/City**

diagram	 A dashed rectangular box containing the text <code>mailxml_defs:City</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element mailerDataType/Country**

diagram	 A dashed rectangular box containing the text <code>mailxml_defs:Country</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

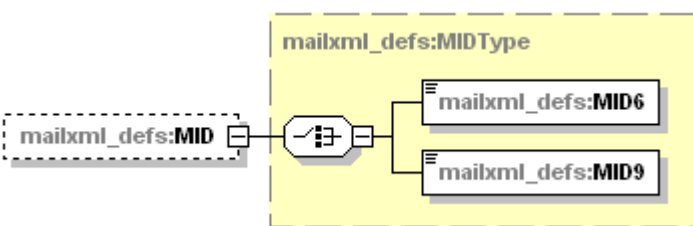
**element mailerDataType/DunsNumber**

diagram	 A dashed rectangular box containing the text <code>mailxml_defs:DunsNumber</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element mailerDataType/Email**

diagram	 A dashed rectangular box containing the text <code>mailxml_defs:Email</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element mailerDataType/MID**

diagram	 A diagram showing the structure of the <code>mailxml_defs:MID</code> element. On the left, a dashed box contains <code>mailxml_defs:MID</code> . This box is connected to a central connector box (a rectangle with a circle and a cross). To the right of the connector is a large yellow dashed box labeled <code>mailxml_defs:MIDType</code> . Inside this yellow box, the connector is connected to two sub-elements: <code>mailxml_defs:MID6</code> and <code>mailxml_defs:MID9</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

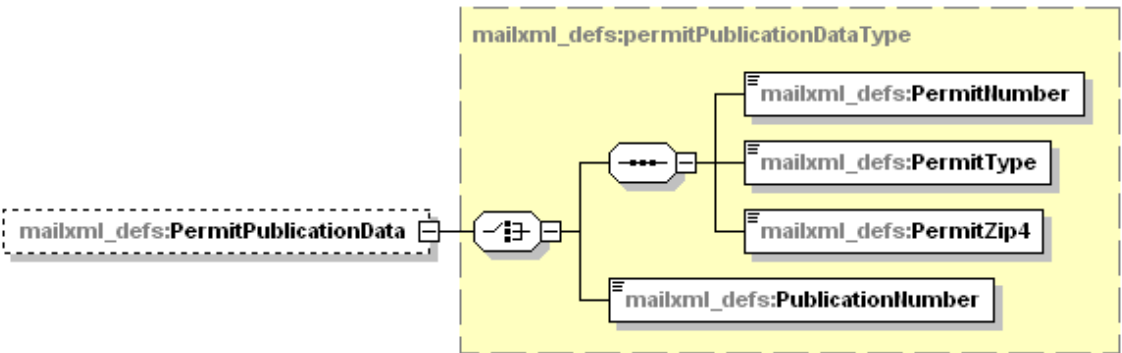
**element `mailerDataType/CRID`**

diagram	 A dashed rectangular box containing the text <code>mailxml_defs:CRID</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element `mailerDataType/ContactName`**

diagram	 A rectangular box with a dashed border containing the text <code>mailxml_defs:ContactName</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element `mailerDataType/PermitPublicationData`**

diagram	 A diagram showing the structure of the <code>mailxml_defs:PermitPublicationData</code> element. On the left, a dashed box contains the text <code>mailxml_defs:PermitPublicationData</code> . This box is connected to a central node (a circle with a square inside) which then branches into two paths. The top path leads to a box containing <code>mailxml_defs:PermitType</code> , which is further connected to a box containing <code>mailxml_defs:PermitLumber</code> . The bottom path leads to a box containing <code>mailxml_defs:PublicationLumber</code> . The entire structure is enclosed in a larger dashed box labeled <code>mailxml_defs:PermitPublicationDataType</code> in the top right corner.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element `mailerDataType/PhoneAreaCode`**

diagram	 A rectangular box with a dashed border containing the text <code>mailxml_defs:PhoneAreaCode</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element `mailerDataType/PhoneExtension`**

diagram	 A dashed rectangular box containing the text <code>mailxml_defs:PhoneExtension</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element `mailerDataType/PhoneLast4`**

diagram	 A rectangular box with a dashed border containing the text <code>mailxml_defs:PhoneLast4</code> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailerDataType/PhonePrefix**


diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailerDataType/State**


diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
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
	enumeration	UT
	enumeration	VT
	enumeration	VI
	enumeration	VA
	enumeration	WA
	enumeration	WV
	enumeration	WI
	enumeration	WY

element **mailerDataType/ZipCode**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailerDataType/ZipCode4**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

**complexType mailingGroupDataType**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

**element mailingGroupDataType/CustomerDescription**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

**element mailingGroupDataType/SubmitterCRID**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailingGroupDataType/PermitPublicationData**

diagram	<p>The diagram illustrates the structure of the <code>mailxml_defs:PermitPublicationData</code> element. It is a sequence of elements: <code>mailxml_defs:PermitPublicationData</code>, followed by a choice of <code>mailxml_defs:PublicationNumber</code> and a group containing <code>mailxml_defs:PermitNumber</code>, <code>mailxml_defs:PermitType</code>, and <code>mailxml_defs:PermitZip4</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **mailingGroupDataType/PostOfficeOfMailingZip**

diagram	<p>The diagram shows a single element: <code>mailxml_defs:PostOfficeOfMailingZip</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailingGroupDataType/MailingFacility**

diagram	<p>The diagram shows a single element: <code>mailxml_defs:MailingFacility</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

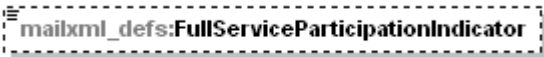
element **mailingGroupDataType/MailXMLPresentationCategory**

diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	M	
	enumeration	P	
	enumeration	I	
	enumeration	N	
	enumeration	S	


element **mailingGroupDataType/MailerID**

diagram	<p>The diagram shows a single element: <code>mailxml_defs:MailerID</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **mailingGroupDataType/FullServiceParticipationIndicator**

diagram	 The diagram shows a dashed rectangular box containing the text <code>mailxml_defs:FullServiceParticipationIndicator</code> . To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.		
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	M	
	enumeration	F	

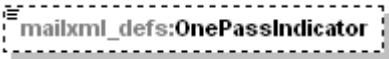
element **mailingGroupDataType/MailAgreementType**

diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	A	
	enumeration	B	
	enumeration	C	
	enumeration	D	
	enumeration	E	
	enumeration	F	

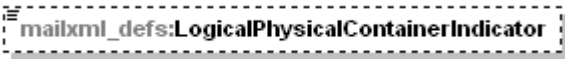
element **mailingGroupDataType/ContractNumber**

diagram	 The diagram shows a dashed rectangular box containing the text <code>mailxml_defs:ContractNumber</code> . To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailingGroupDataType/OnePassIndicator**

diagram	 The diagram shows a dashed rectangular box containing the text <code>mailxml_defs:OnePassIndicator</code> . To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.		
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	Yes	
	enumeration	No	

element **mailingGroupDataType/LogicalPhysicalContainerIndicator**

diagram	 The diagram shows a dashed rectangular box containing the text <code>mailxml_defs:LogicalPhysicalContainerIndicator</code> . To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.						
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>						
facets	<table><tr><th>Kind</th><th>Value</th><th>annotation</th></tr><tr><td>enumeration</td><td>P</td><td></td></tr></table>	Kind	Value	annotation	enumeration	P	
Kind	Value	annotation					
enumeration	P						

	enumeration L
--	---------------

**complexType mailOwnerBlockType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
used by	element <a href="#">mailPieceBlockType/MailOwner</a>

**element mailOwnerBlockType/CRID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

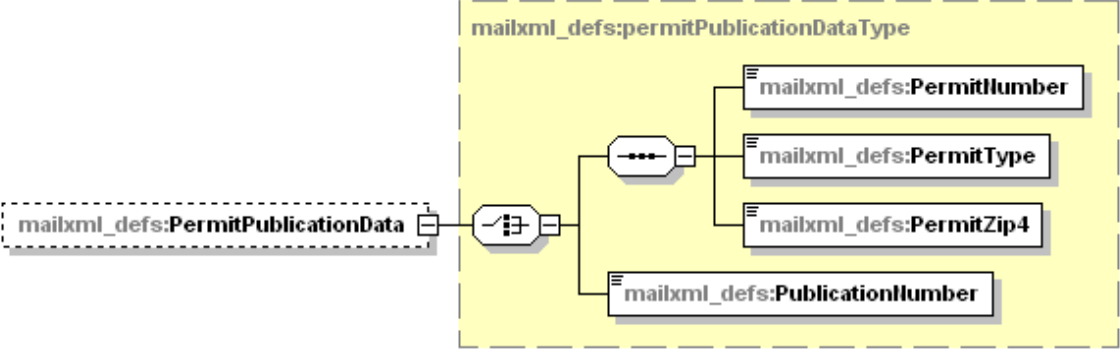
**element mailOwnerBlockType/SchedulerID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element mailOwnerBlockType/MaildatUserLicense**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **mailOwnerBlockType/PermitPublicationData**

diagram	 <p>The diagram shows the structure of the <code>mailxml_defs:PermitPublicationData</code> element. It is a dashed box containing a sequence of elements: <code>mailxml_defs:PermitPublicationData</code> (dashed box), followed by a choice element (circle with a vertical line) containing <code>mailxml_defs:PublicationNumber</code> and another choice element (circle with a vertical line) containing <code>mailxml_defs:PermitNumber</code>, <code>mailxml_defs:PermitType</code>, and <code>mailxml_defs:PermitZip4</code>. The entire structure is enclosed in a yellow dashed box labeled <code>mailxml_defs:permitPublicationDataType</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

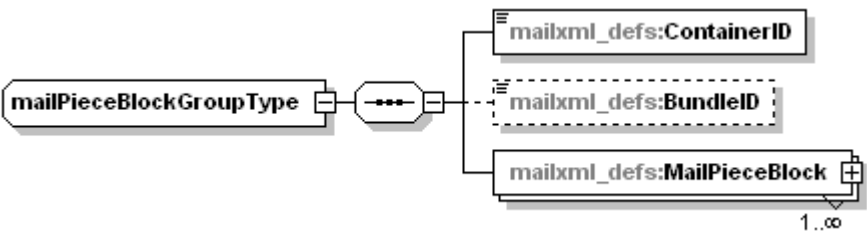
element **mailOwnerBlockType/MailOwnerMID6**

diagram	 <p>The diagram shows the structure of the <code>mailxml_defs:MailOwnerMID6</code> element, which is a single box labeled <code>mailxml_defs:MailOwnerMID6</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **mailOwnerBlockType/MailOwnerMID9**

diagram	 <p>The diagram shows the structure of the <code>mailxml_defs:MailOwnerMID9</code> element, which is a single box labeled <code>mailxml_defs:MailOwnerMID9</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


complexType **mailPieceBlockGroupType**

diagram	 <p>The diagram shows the structure of the <code>mailPieceBlockGroupType</code> complex type. It is a box labeled <code>mailPieceBlockGroupType</code> followed by a choice element (circle with a vertical line) containing <code>mailxml_defs:ContainerID</code>, <code>mailxml_defs:BundleID</code> (dashed box), and <code>mailxml_defs:MailPieceBlock</code> (box with a plus sign). The <code>mailxml_defs:MailPieceBlock</code> element has a cardinality of <code>1..∞</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

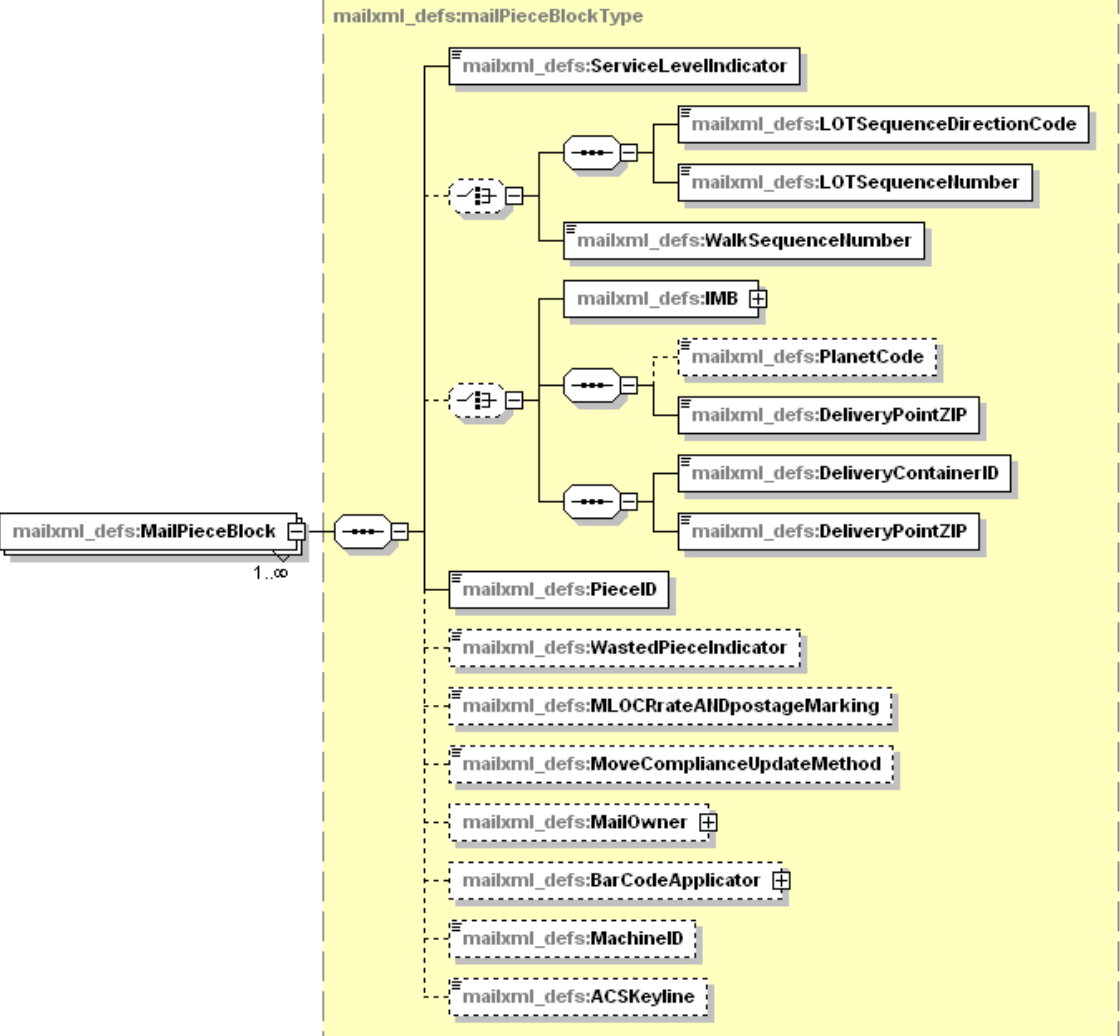
element **mailPieceBlockGroupType/ContainerID**

diagram	 <p>The diagram shows the structure of the <code>mailxml_defs:ContainerID</code> element, which is a single box labeled <code>mailxml_defs:ContainerID</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailPieceBlockGroupType/BundleID**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

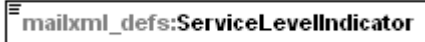
element **mailPieceBlockGroupType/MailPieceBlock**

diagram	 <p>The diagram illustrates the structure of the <b>mailxml_defs:MailPieceBlock</b> element. It is a complex type containing several sub-elements. The root element is <b>mailxml_defs:MailPieceBlock</b>, which has a cardinality of 1..∞. It is connected to a dashed box labeled <b>mailxml_defs:mailPieceBlockType</b>. Inside this dashed box, the following elements are listed:</p> <ul style="list-style-type: none"> <li><b>mailxml_defs:ServiceLevelIndicator</b> (solid box)</li> <li><b>mailxml_defs:LOTSequenceDirectionCode</b> (solid box)</li> <li><b>mailxml_defs:LOTSequenceNumber</b> (solid box)</li> <li><b>mailxml_defs:WalkSequenceNumber</b> (solid box)</li> <li><b>mailxml_defs:IMB</b> (solid box)</li> <li><b>mailxml_defs:PlanetCode</b> (dashed box)</li> <li><b>mailxml_defs:DeliveryPointZIP</b> (solid box)</li> <li><b>mailxml_defs:DeliveryContainerID</b> (solid box)</li> <li><b>mailxml_defs:DeliveryPointZIP</b> (solid box)</li> <li><b>mailxml_defs:PieceID</b> (solid box)</li> <li><b>mailxml_defs:WastedPieceIndicator</b> (dashed box)</li> <li><b>mailxml_defs:MLOCRateANDpostageMarking</b> (dashed box)</li> <li><b>mailxml_defs:MoveComplianceUpdateMethod</b> (dashed box)</li> <li><b>mailxml_defs:MailOwner</b> (solid box)</li> <li><b>mailxml_defs:BarCodeApplicator</b> (solid box)</li> <li><b>mailxml_defs:MachineID</b> (dashed box)</li> <li><b>mailxml_defs:ACSKeyline</b> (dashed box)</li> </ul>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

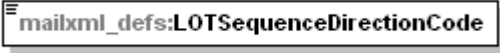
complexType **mailPieceBlockType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
used by	elements <a href="#">mailPieceBlockGroupType/MailPieceBlock</a> <a href="#">PDRMailPieceBlockType/MailPieceBlock</a>


element **mailPieceBlockType/ServiceLevelIndicator**

element mailxml_defs:ServiceLevelIndicator			
diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	F	
	enumeration	B	
	enumeration	P	
	enumeration	O	


element **mailPieceBlockType/LOTSequenceDirectionCode**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

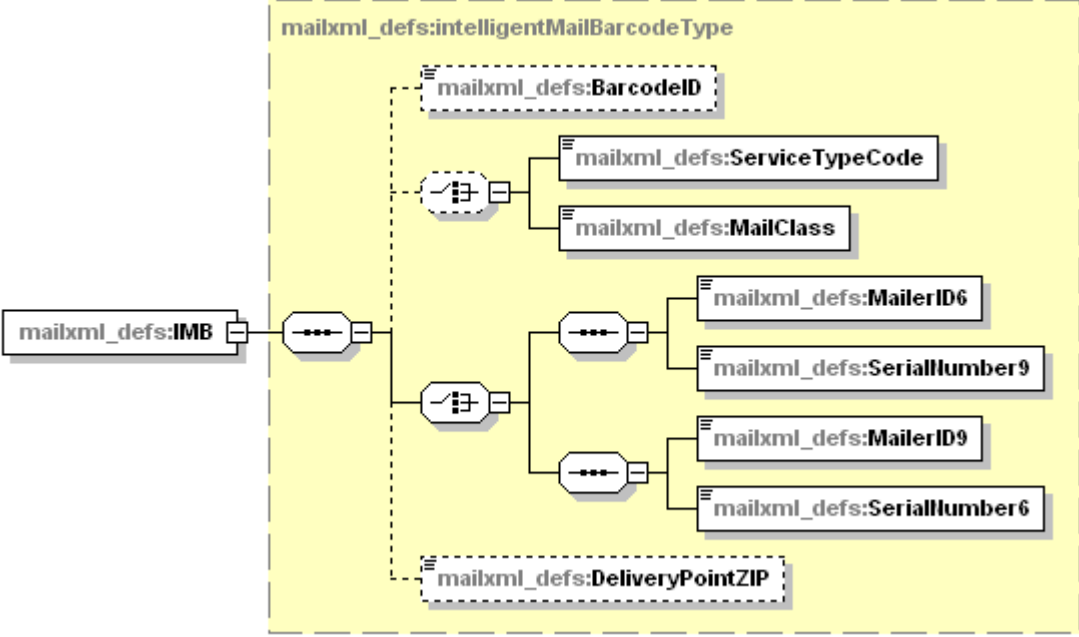
element **mailPieceBlockType/LOTSequenceNumber**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **mailPieceBlockType/WalkSequenceNumber**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **mailPieceBlockType/IMB**

diagram	 <p>The diagram illustrates the structure of the <b>mailxml_defs:IMB</b> element. It is a complex structure with a root element <b>mailxml_defs:IMB</b> (represented by a rectangle with a small square on the left). This root element is connected to a sequence container (a rounded rectangle with a small square on the left). This container branches into two parallel paths. The top path contains a choice container (a rounded rectangle with a small square on the left) that branches into three elements: <b>mailxml_defs:BarcodeID</b> (dashed border), <b>mailxml_defs:ServiceTypeCode</b> (solid border), and <b>mailxml_defs:MailClass</b> (solid border). The bottom path contains a choice container (a rounded rectangle with a small square on the left) that branches into two parallel paths. The left path contains a sequence container (a rounded rectangle with a small square on the left) that branches into two elements: <b>mailxml_defs:MailerID6</b> (solid border) and <b>mailxml_defs:SerialNumber9</b> (solid border). The right path contains a sequence container (a rounded rectangle with a small square on the left) that branches into two elements: <b>mailxml_defs:MailerID9</b> (solid border) and <b>mailxml_defs:SerialNumber6</b> (solid border). Finally, a dashed line connects the choice container in the top path to a dashed box containing <b>mailxml_defs:DeliveryPointZIP</b> (dashed border).</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element mailPieceBlockType/PlanetCode**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element mailPieceBlockType/DeliveryPointZIP**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element mailPieceBlockType/DeliveryContainerID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

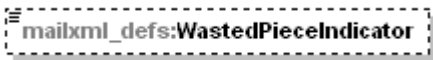
**element mailPieceBlockType/DeliveryPointZIP**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

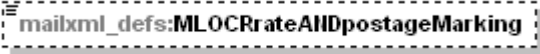
**element mailPieceBlockType/PieceID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

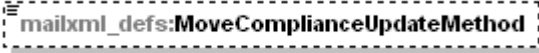
**element mailPieceBlockType/WastedPieceIndicator**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	W	
	enumeration	S	
	enumeration	X	
	enumeration	T	

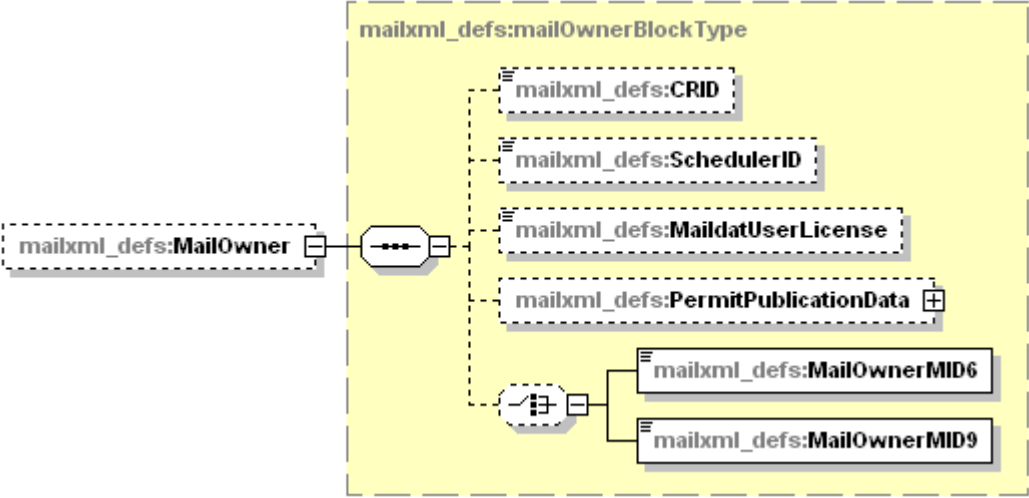
element **mailPieceBlockType/MLOCRrateANDpostageMarking**

diagram	 A dashed box containing the text <b>mailxml_defs:MLOCRrateANDpostageMarking</b> .
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailPieceBlockType/MoveComplianceUpdateMethod**

diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	0	
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	

element **mailPieceBlockType/MailOwner**

diagram	 A diagram showing the structure of the <b>mailxml_defs:MailOwner</b> element. On the left is a dashed box labeled <b>mailxml_defs:MailOwner</b> . A line connects it to a large yellow dashed box labeled <b>mailxml_defs:mailOwnerBlockType</b> . Inside this yellow box, there is a dashed box labeled <b>mailxml_defs:CRID</b> , a dashed box labeled <b>mailxml_defs:SchedulerID</b> , a dashed box labeled <b>mailxml_defs:MaildatUserLicense</b> , a dashed box labeled <b>mailxml_defs:PermitPublicationData</b> with a plus sign, and a dashed box labeled <b>mailxml_defs:MailOwnerMID6</b> and <b>mailxml_defs:MailOwnerMID9</b> connected by a line.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailPieceBlockType/BarCodeApplicator**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:MailerID6</a>	mailxml_base:mailerID6Type				
	<a href="#">mailxml_defs:MailerID9</a>	mailxml_base:mailerID9Type				
	<a href="#">mailxml_defs:CRID</a>	mailxml_base:CRIDType				
	<a href="#">mailxml_defs:SchedulerID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:MaildatUserLicense</a>	mailxml_base:userLicenseCodeType				

element **mailPieceBlockType/MachineID**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					

element **mailPieceBlockType/ACSKeyline**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					

complexType **mailPieceIDType**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailPieceIDType/IMB**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailPieceIDType/PlanetCode**


diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **mailPieceIDType/DeliveryPointZIP**


diagram	
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namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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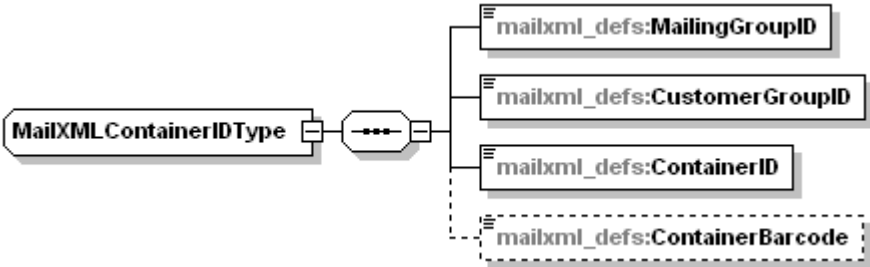
**element mailPieceIDType/DeliveryContainerID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element mailPieceIDType/DeliveryPointZIP**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

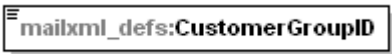
**complexType MailXMLContainerIDType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
used by	elements <a href="#">containerIDType/MailXMLContainer</a> <a href="#">linkingContainerIDType/MailXMLContainer</a>


**element MailXMLContainerIDType/MailingGroupID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

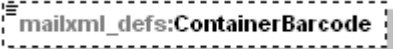
**element MailXMLContainerIDType/CustomerGroupID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

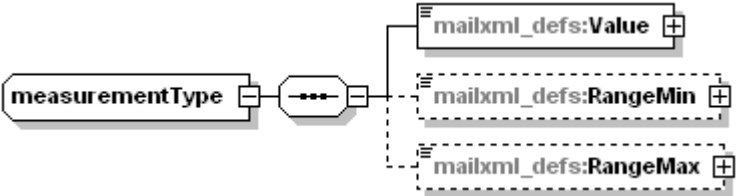
element **MailXMLContainerIDType/ContainerID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

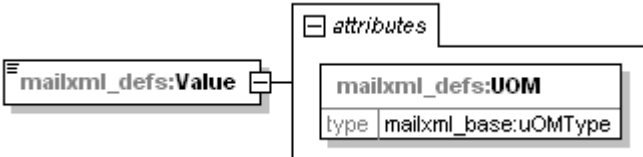
element **MailXMLContainerIDType/ContainerBarcode**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

complexType **measurementType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
used by	element <a href="#">GPSCoordinates/Height</a>

element **measurementType/Value**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:UOM</a>	<b>mailxml_base:uOMType</b>	required			

attribute **measurementType/Value/@UOM**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs				
facets	Kind	Value	annotation		
	enumeration	AirDryMetricTonne			
	enumeration	AirDryPercent			
	enumeration	AirDryShortTon			
	enumeration	Bale			
	enumeration	BoardFoot			
	enumeration	BookUnit			
	enumeration	Box			

enumeration	Bundle
enumeration	C-Size
enumeration	Centimeter
enumeration	Cord
enumeration	CubicFoot
enumeration	CubicMeter
enumeration	Cubit
enumeration	Day
enumeration	DotsPerInch
enumeration	Foot
enumeration	Gallon
enumeration	Gram
enumeration	GramsPerSquareMeter
enumeration	Hour
enumeration	HundredBoardFeet
enumeration	HundredLinealFeet
enumeration	HundredPound
enumeration	HundredSquareFeet
enumeration	Inch
enumeration	Kilogram
enumeration	KilogramsPerDay
enumeration	KilogramsPerWeek
enumeration	KnownBreaks
enumeration	Layer
enumeration	Leaves
enumeration	LinearFoot
enumeration	LinesPerInch
enumeration	Load
enumeration	MagazineUnit
enumeration	Megabyte
enumeration	Meter
enumeration	MetricTon
enumeration	MetricTonsPerDay
enumeration	MetricTonsPerWeek
enumeration	Micron
enumeration	Millimeter
enumeration	Minute
enumeration	Month
enumeration	None
enumeration	Package
enumeration	Page
enumeration	PagesPerInch
enumeration	PalletUnit
enumeration	Percentage
enumeration	PerThousand
enumeration	Picas

enumeration	Piece
enumeration	PixelsPerInch
enumeration	Pound
enumeration	PoundsPerDay
enumeration	PoundsPerHour
enumeration	PoundsPerWeek
enumeration	PulpUnit
enumeration	Ream
enumeration	Reel
enumeration	Set
enumeration	Sheet
enumeration	ShortTon
enumeration	ShortTonsPerDay
enumeration	ShortTonsPerHour
enumeration	ShortTonsPerWeek
enumeration	Signature
enumeration	Skid
enumeration	SquareInch
enumeration	SquareFeet
enumeration	SquareMeter
enumeration	ThousandBoardFeet
enumeration	ThousandLinealFeet
enumeration	ThousandPieces
enumeration	ThousandSquareCentimeters
enumeration	ThousandSquareFeet
enumeration	ThousandSquareInch
enumeration	Ton
enumeration	TonsPerHour
enumeration	Unit
enumeration	UnknownBreaks
enumeration	Week
enumeration	Yard

### element **measurementType/RangeMin**

diagram	<pre> classDiagram     class mailxml_defs_RangeMin {     }     class mailxml_defs_UOM {         type mailxml_base_uOMType     }     mailxml_defs_RangeMin -- mailxml_defs_UOM   </pre>					
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:UOM</a>	<b>mailxml_base:uOMType</b>	required			

attribute **measurementType/RangeMin/@UOM**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	AirDryMetricTonne	
	enumeration	AirDryPercent	
	enumeration	AirDryShortTon	
	enumeration	Bale	
	enumeration	BoardFoot	
	enumeration	BookUnit	
	enumeration	Box	
	enumeration	Bundle	
	enumeration	C-Size	
	enumeration	Centimeter	
	enumeration	Cord	
	enumeration	CubicFoot	
	enumeration	CubicMeter	
	enumeration	Cubit	
	enumeration	Day	
	enumeration	DotsPerInch	
	enumeration	Foot	
	enumeration	Gallon	
	enumeration	Gram	
	enumeration	GramsPerSquareMeter	
	enumeration	Hour	
	enumeration	HundredBoardFeet	
	enumeration	HundredLinealFeet	
	enumeration	HundredPound	
	enumeration	HundredSquareFeet	
	enumeration	Inch	
	enumeration	Kilogram	
	enumeration	KilogramsPerDay	
	enumeration	KilogramsPerWeek	
	enumeration	KnownBreaks	
	enumeration	Layer	
	enumeration	Leaves	
	enumeration	LinearFoot	
	enumeration	LinesPerInch	
	enumeration	Load	
	enumeration	MagazineUnit	
	enumeration	Megabyte	
	enumeration	Meter	
	enumeration	MetricTon	
	enumeration	MetricTonsPerDay	
	enumeration	MetricTonsPerWeek	
	enumeration	Micron	
	enumeration	Millimeter	
	enumeration	Minute	

enumeration	Month
enumeration	None
enumeration	Package
enumeration	Page
enumeration	PagesPerInch
enumeration	PalletUnit
enumeration	Percentage
enumeration	PerThousand
enumeration	Picas
enumeration	Piece
enumeration	PixelsPerInch
enumeration	Pound
enumeration	PoundsPerDay
enumeration	PoundsPerHour
enumeration	PoundsPerWeek
enumeration	PulpUnit
enumeration	Ream
enumeration	Reel
enumeration	Set
enumeration	Sheet
enumeration	ShortTon
enumeration	ShortTonsPerDay
enumeration	ShortTonsPerHour
enumeration	ShortTonsPerWeek
enumeration	Signature
enumeration	Skid
enumeration	SquareInch
enumeration	SquareFeet
enumeration	SquareMeter
enumeration	ThousandBoardFeet
enumeration	ThousandLinealFeet
enumeration	ThousandPieces
enumeration	ThousandSquareCentimeters
enumeration	ThousandSquareFeet
enumeration	ThousandSquareInch
enumeration	Ton
enumeration	TonsPerHour
enumeration	Unit
enumeration	UnknownBreaks
enumeration	Week
enumeration	Yard

element **measurementType/RangeMax**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:UOM</a>	mailxml_base:uOMType	required			

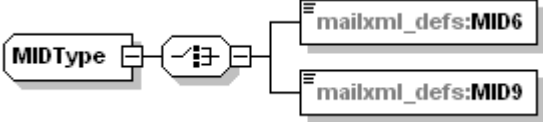
attribute **measurementType/RangeMax/@UOM**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
facets	Kind	Value	annotation			
	enumeration	AirDryMetricTonne				
	enumeration	AirDryPercent				
	enumeration	AirDryShortTon				
	enumeration	Bale				
	enumeration	BoardFoot				
	enumeration	BookUnit				
	enumeration	Box				
	enumeration	Bundle				
	enumeration	C-Size				
	enumeration	Centimeter				
	enumeration	Cord				
	enumeration	CubicFoot				
	enumeration	CubicMeter				
	enumeration	Cubit				
	enumeration	Day				
	enumeration	DotsPerInch				
	enumeration	Foot				
	enumeration	Gallon				
	enumeration	Gram				
	enumeration	GramsPerSquareMeter				
	enumeration	Hour				
	enumeration	HundredBoardFeet				
	enumeration	HundredLinealFeet				
	enumeration	HundredPound				
	enumeration	HundredSquareFeet				
	enumeration	Inch				
	enumeration	Kilogram				
	enumeration	KilogramsPerDay				
	enumeration	KilogramsPerWeek				
	enumeration	KnownBreaks				
	enumeration	Layer				
	enumeration	Leaves				


enumeration	LinearFoot
enumeration	LinesPerInch
enumeration	Load
enumeration	MagazineUnit
enumeration	Megabyte
enumeration	Meter
enumeration	MetricTon
enumeration	MetricTonsPerDay
enumeration	MetricTonsPerWeek
enumeration	Micron
enumeration	Millimeter
enumeration	Minute
enumeration	Month
enumeration	None
enumeration	Package
enumeration	Page
enumeration	PagesPerInch
enumeration	PalletUnit
enumeration	Percentage
enumeration	PerThousand
enumeration	Picas
enumeration	Piece
enumeration	PixelsPerInch
enumeration	Pound
enumeration	PoundsPerDay
enumeration	PoundsPerHour
enumeration	PoundsPerWeek
enumeration	PulpUnit
enumeration	Ream
enumeration	Reel
enumeration	Set
enumeration	Sheet
enumeration	ShortTon
enumeration	ShortTonsPerDay
enumeration	ShortTonsPerHour
enumeration	ShortTonsPerWeek
enumeration	Signature
enumeration	Skid
enumeration	SquareInch
enumeration	SquareFeet
enumeration	SquareMeter
enumeration	ThousandBoardFeet
enumeration	ThousandLinealFeet
enumeration	ThousandPieces
enumeration	ThousandSquareCentimeters
enumeration	ThousandSquareFeet

	enumeration	ThousandSquareInch
	enumeration	Ton
	enumeration	TonsPerHour
	enumeration	Unit
	enumeration	UnknownBreaks
	enumeration	Week
	enumeration	Yard


**complexType MIDType**

diagram		
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs	
used by	elements	<a href="#">mailerDataType/MID</a> <a href="#">mailerDataRequestType/MID</a>

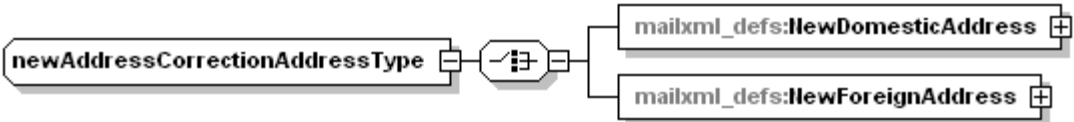
**element MIDType/MID6**

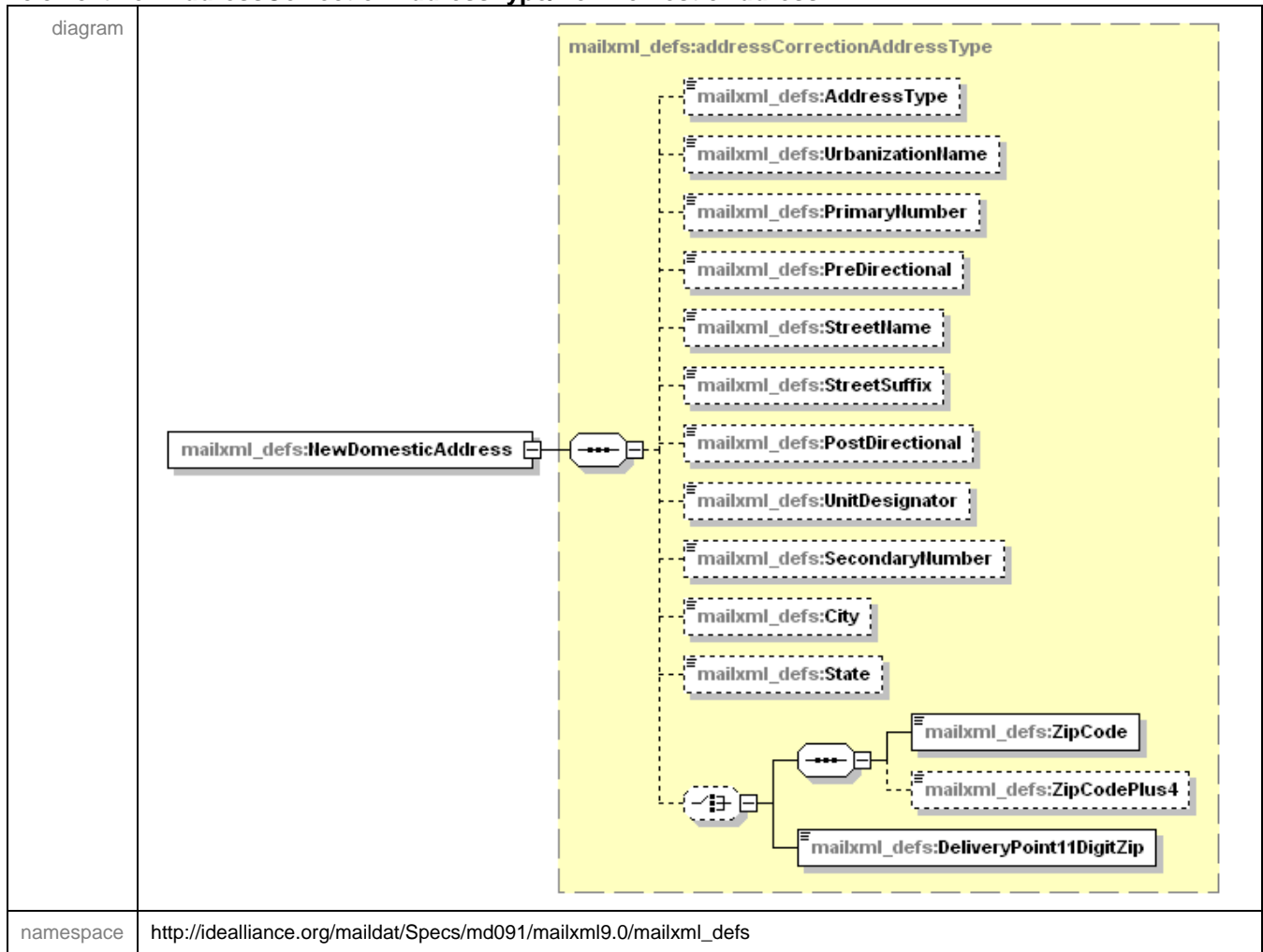
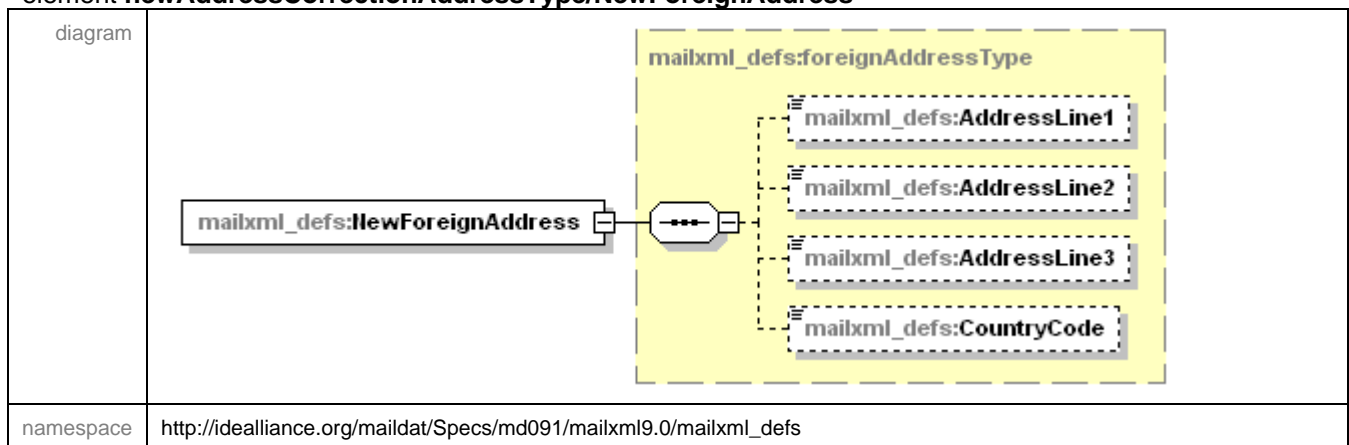
diagram		
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs	

**element MIDType/MID9**

diagram		
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs	

**complexType newAddressCorrectionAddressType**

diagram		
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs	

element **newAddressCorrectionAddressType/NewDomesticAddress**element **newAddressCorrectionAddressType/NewForeignAddress**

complexType **palletContainerRecordType**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **palletContainerRecordType/PublicationInfo**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **palletContainerRecordType/PublicationTitle**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **palletContainerRecordType/PostageStatementLineNumber**

diagram	
---------	--

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	E26	
	enumeration	E27	
	enumeration	E28	
	enumeration	E29	
	enumeration	E30	
	enumeration	E31	
	enumeration	E32	
	enumeration	E33	
	enumeration	E34	
	enumeration	E35	
	enumeration	E36	
	enumeration	E37	
	enumeration	E38	
	enumeration	E39	
	enumeration	E40	
	enumeration	E41	
	enumeration	E42	
	enumeration	E43	
	enumeration	E44	
	enumeration	E45	
	enumeration	E46	

**element palletContainerRecordType/ChargeableContainerLevel**


diagram	 <pre> mailxml_defs:ChargeableContainerLevel </pre>		
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	3	
	enumeration	5	
	enumeration	A	
	enumeration	M	

**element palletContainerRecordType/ChargeableEntryLevel**


diagram	 <pre> mailxml_defs:ChargeableEntryLevel </pre>		
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	B	
	enumeration	C	
	enumeration	D	
	enumeration	J	
	enumeration	K	

	enumeration	O
	enumeration	R
	enumeration	S

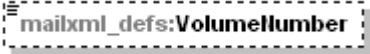
element **palletContainerRecordType/Containers**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:Containers" is written in a bold, sans-serif font. To the left of the text, there is a small icon consisting of three horizontal lines of increasing length, resembling a list or a menu.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


element **palletContainerRecordType/IssueNumber**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:Issuenumber" is written in a bold, sans-serif font. To the left of the text, there is a small icon consisting of three horizontal lines of increasing length, resembling a list or a menu.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **palletContainerRecordType/VolumeNumber**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:Volumenumber" is written in a bold, sans-serif font. To the left of the text, there is a small icon consisting of three horizontal lines of increasing length, resembling a list or a menu.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **palletContainerRecordType/IssueDate**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:IssueDate" is written in a bold, sans-serif font. To the left of the text, there is a small icon consisting of three horizontal lines of increasing length, resembling a list or a menu.
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

complexType **palletContainerVersionRecordType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

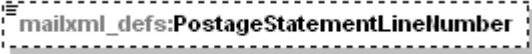
element **palletContainerVersionRecordType/PublicationInfo**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **palletContainerVersionRecordType/PublicationTitle**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

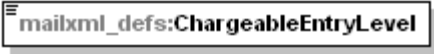
element **palletContainerVersionRecordType/PostageStatementLineNumber**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	E26	
	enumeration	E27	
	enumeration	E28	
	enumeration	E29	
	enumeration	E30	
	enumeration	E31	
	enumeration	E32	
	enumeration	E33	
	enumeration	E34	
	enumeration	E35	
	enumeration	E36	
	enumeration	E37	
	enumeration	E38	
	enumeration	E39	
	enumeration	E40	
	enumeration	E41	
	enumeration	E42	
	enumeration	E43	
	enumeration	E44	
	enumeration	E45	
	enumeration	E46	

element **palletContainerVersionRecordType/ChargeableContainerLevel**


diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	3	
	enumeration	5	
	enumeration	A	
	enumeration	M	

element **palletContainerVersionRecordType/ChargeableEntryLevel**


diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	B	

	enumeration	C
	enumeration	D
	enumeration	J
	enumeration	K
	enumeration	O
	enumeration	R
	enumeration	S

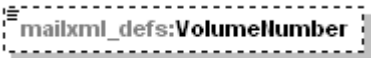
**element palletContainerVersionRecordType/Containers**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


**element palletContainerVersionRecordType/IssueNumber**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

**element palletContainerVersionRecordType/VolumeNumber**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

**element palletContainerVersionRecordType/IssueDate**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

complexType **participantIDType**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
used by	elements	<a href="#">mailPieceBlockType/BarCodeApplicator</a> <a href="#">pieceRangeBlockType/MailOwner</a> <a href="#">pieceRangeBlockType/MailPreparer</a> <a href="#">OriginalContainerLinkageCancelRequest/SubmittingParty</a> <a href="#">OriginalContainerLinkageCreateRequest/SubmittingParty</a> <a href="#">PostageAdjustmentCreateRequest/SubmittingParty</a> <a href="#">SiblingContainerCancelRequest/SubmittingParty</a> <a href="#">SiblingContainerCreateRequest/SubmittingParty</a>				
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:MailerID6</a>	mailxml_base:mailerID6Type				
	<a href="#">mailxml_defs:MailerID9</a>	mailxml_base:mailerID9Type				
	<a href="#">mailxml_defs:CRID</a>	mailxml_base:CRIDType				
	<a href="#">mailxml_defs:SchedulerID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:MaildatUserLicense</a>	mailxml_base:userLicenseCodeType				

attribute **participantIDType/@MailerID6**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

attribute **participantIDType/@MailerID9**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

attribute **participantIDType/@CRID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

attribute **participantIDType/@SchedulerID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

attribute **participantIDType/@MaildatUserLicense**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

complexType **PDRMailPieceBlockType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

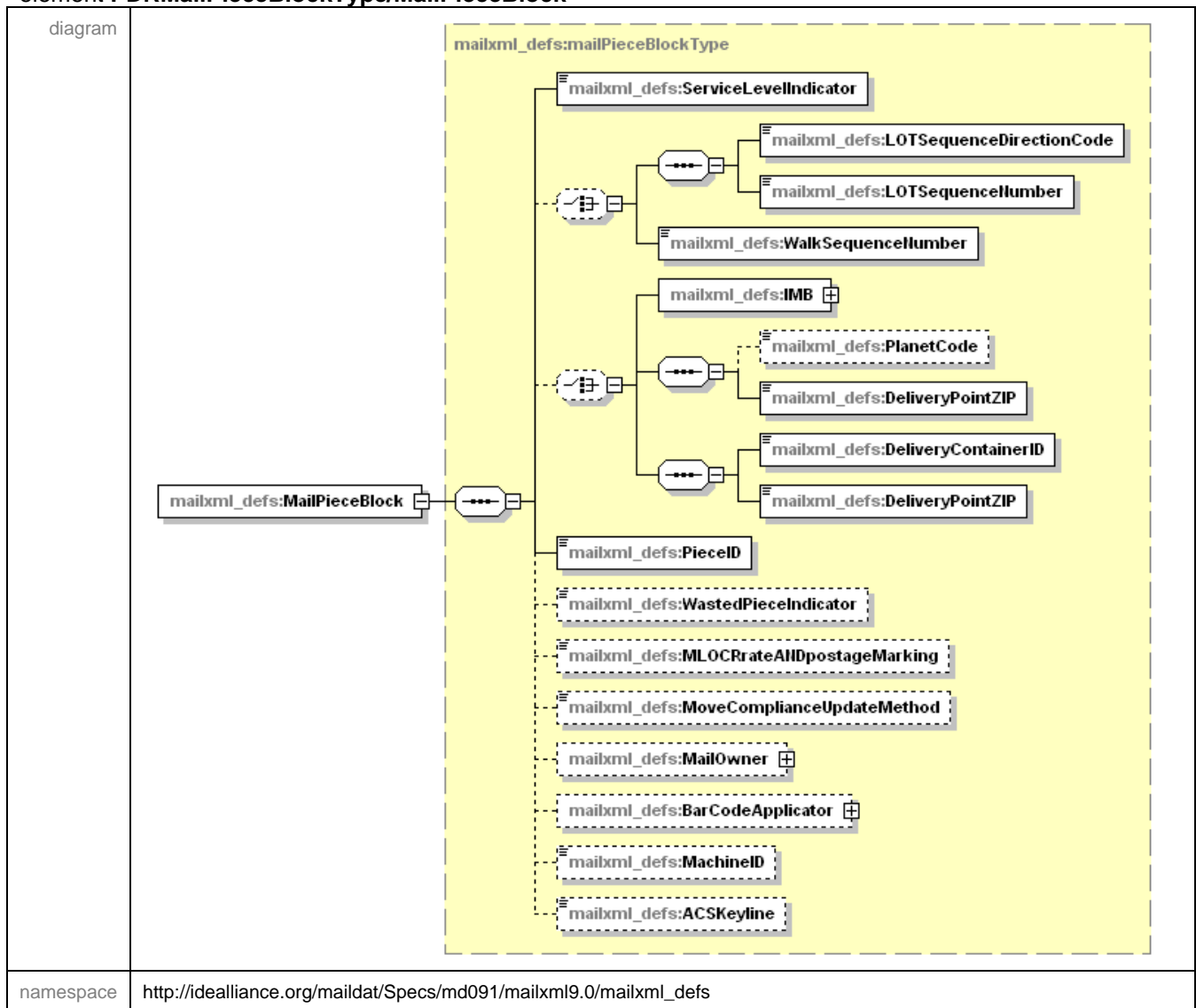
element **PDRMailPieceBlockType/PackageID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

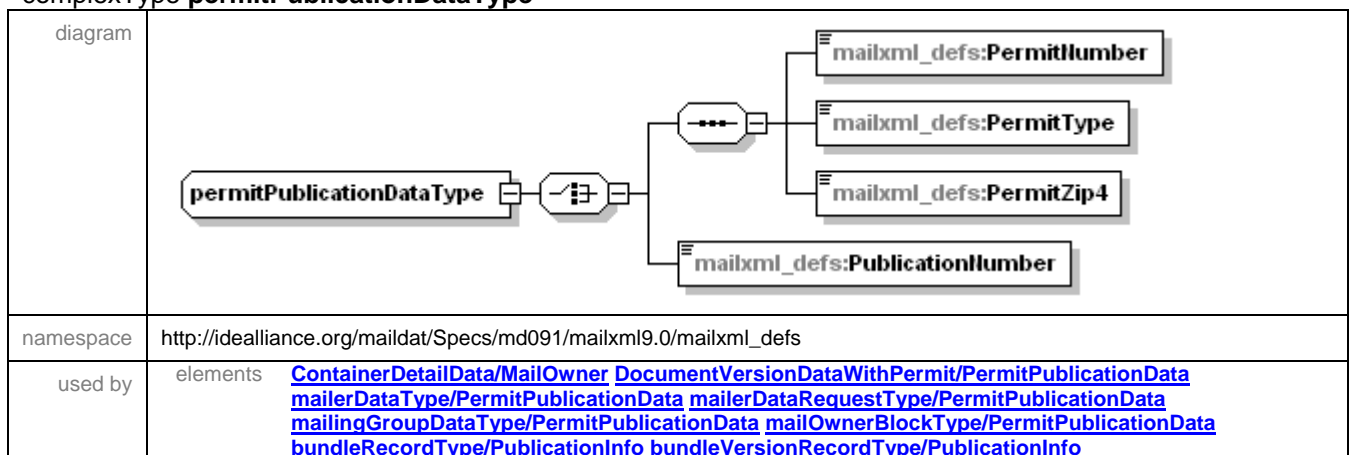
element **PDRMailPieceBlockType/CQTDatabaselD**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **PDRMailPieceBlockType/MailPieceBlock**




## complexType permitPublicationDataType



	<a href="#">palletContainerRecordType/PublicationInfo</a> <a href="#">palletContainerVersionRecordType/PublicationInfo</a> <a href="#">sackTrayContainerRecordType/PublicationInfo</a> <a href="#">sackTrayContainerVersionRecordType/PublicationInfo</a>
--	---


**element permitPublicationDataType/PermitNumber**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element permitPublicationDataType/PermitType**

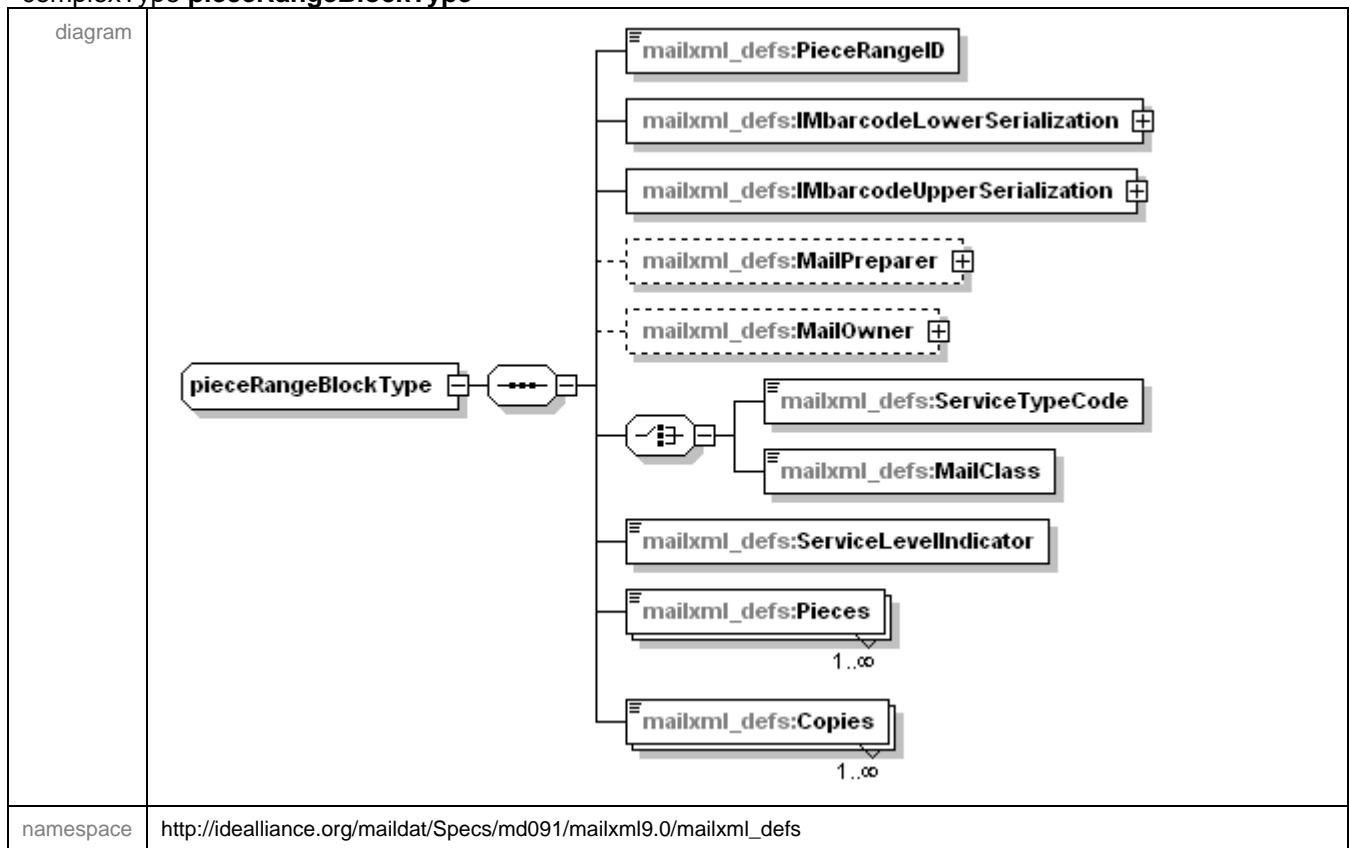
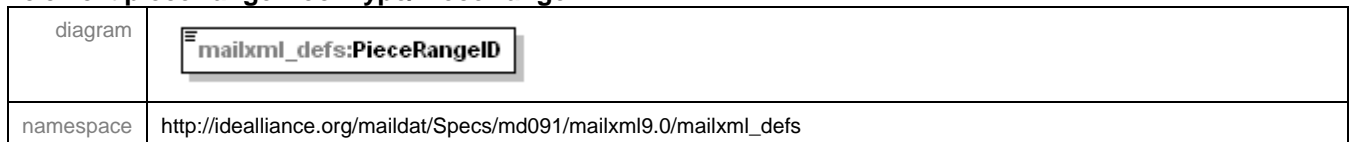
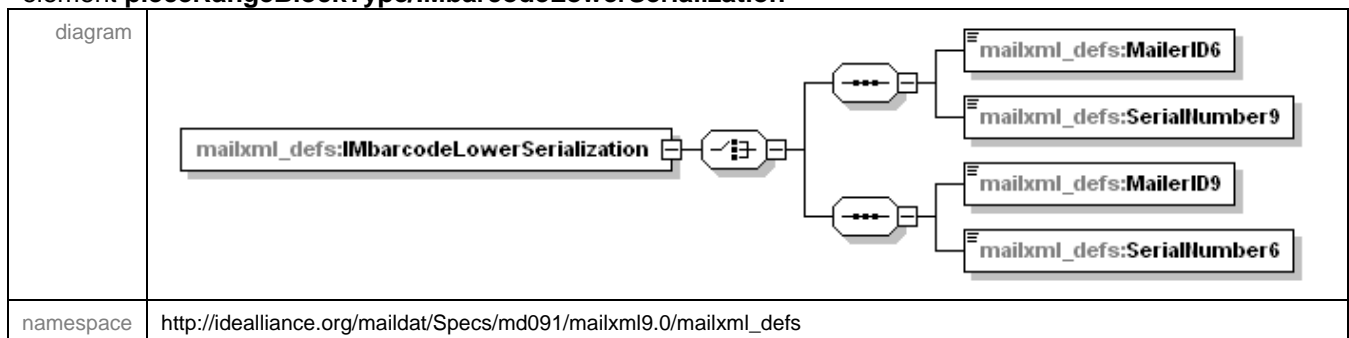
diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	PI	
	enumeration	MT	
	enumeration	PC	
	enumeration	BR	
	enumeration	PE	
	enumeration	GH	
	enumeration	PP	

**element permitPublicationDataType/PermitZip4**


diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**element permitPublicationDataType/PublicationNumber**


diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

complexType **pieceRangeBlockType**element **pieceRangeBlockType/PieceRangeID**element **pieceRangeBlockType/IMbarcodeLowerSerialization**


element **pieceRangeBlockType/IMbarcodeLowerSerialization/MailerID6**

diagram	 A rectangular box with a header bar containing three horizontal lines, and the text "mailxml_defs:MailerID6" below it.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **pieceRangeBlockType/IMbarcodeLowerSerialization/SerialNumber9**

diagram	 A rectangular box with a header bar containing three horizontal lines, and the text "mailxml_defs:SerialNumber9" below it.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

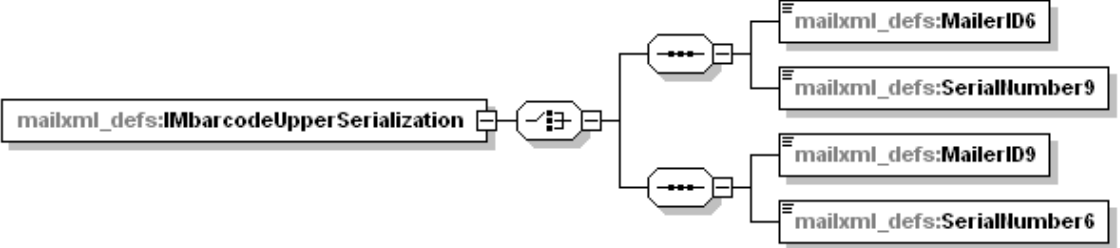
element **pieceRangeBlockType/IMbarcodeLowerSerialization/MailerID9**

diagram	 A rectangular box with a header bar containing three horizontal lines, and the text "mailxml_defs:MailerID9" below it.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **pieceRangeBlockType/IMbarcodeLowerSerialization/SerialNumber6**

diagram	 A rectangular box with a header bar containing three horizontal lines, and the text "mailxml_defs:SerialNumber6" below it.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **pieceRangeBlockType/IMbarcodeUpperSerialization**

diagram	 A complex diagram showing the structure of the IMbarcodeUpperSerialization element. It starts with a box labeled "mailxml_defs:IMbarcodeUpperSerialization" connected to a connector box. This connector box branches into two paths. The top path leads to a box labeled "mailxml_defs:MailerID6" and "mailxml_defs:SerialNumber9". The bottom path leads to a box labeled "mailxml_defs:MailerID9" and "mailxml_defs:SerialNumber6".
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **pieceRangeBlockType/IMbarcodeUpperSerialization/MailerID6**

diagram	 A rectangular box with a header bar containing three horizontal lines, and the text "mailxml_defs:MailerID6" below it.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

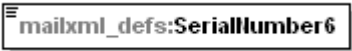
element **pieceRangeBlockType/IMbarcodeUpperSerialization/SerialNumber9**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

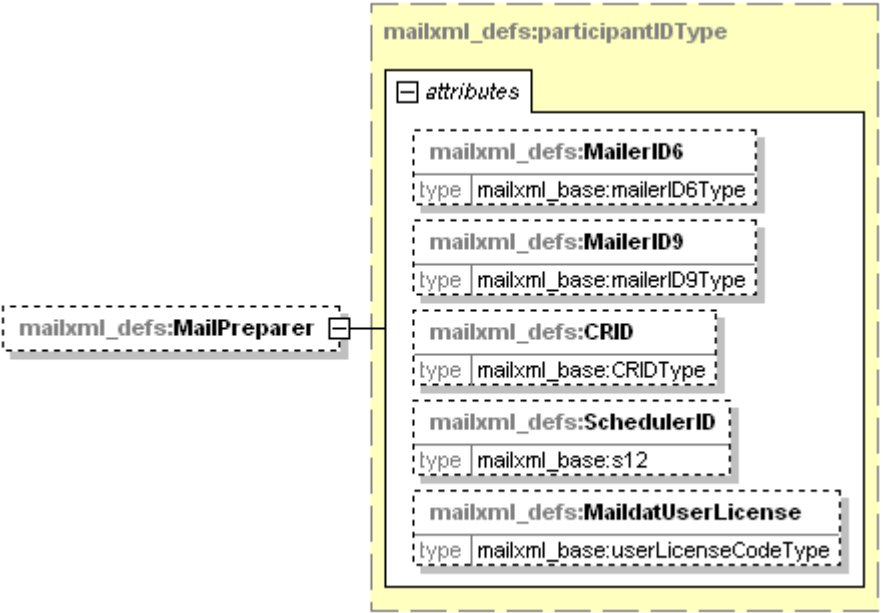
element **pieceRangeBlockType/IMbarcodeUpperSerialization/MailerID9**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **pieceRangeBlockType/IMbarcodeUpperSerialization/SerialNumber6**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **pieceRangeBlockType/MailPreparer**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name <a href="#">mailxml_defs:MailerID6</a> <a href="#">mailxml_defs:MailerID9</a> <a href="#">mailxml_defs:CRID</a> <a href="#">mailxml_defs:SchedulerID</a> <a href="#">mailxml_defs:MaildatUserLicense</a>	Type <b>mailxml_base:mailerID6Type</b> <b>mailxml_base:mailerID9Type</b> <b>mailxml_base:CRIDType</b> <b>mailxml_base:s12</b> <b>mailxml_base:userLicenseCodeType</b>	Use	Default	Fixed	annotation

element **pieceRangeBlockType/MailOwner**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:MailerID6</a>	mailxml_base:mailerID6Type				
	<a href="#">mailxml_defs:MailerID9</a>	mailxml_base:mailerID9Type				
	<a href="#">mailxml_defs:CRID</a>	mailxml_base:CRIDType				
	<a href="#">mailxml_defs:SchedulerID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:MaildatUserLicense</a>	mailxml_base:userLicenseCodeType				

element **pieceRangeBlockType/ServiceTypeCode**


diagram	<p>The diagram shows the <b>mailxml_defs:ServiceTypeCode</b> element as a dashed box.</p>				
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs				

element **pieceRangeBlockType/MailClass**


diagram	<p>The diagram shows the <b>mailxml_defs:MailClass</b> element as a dashed box.</p>				
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs				
facets	Kind	Value	annotation		
	enumeration	1			
	enumeration	2			
	enumeration	3			
	enumeration	4			

	enumeration	6
--	-------------	---

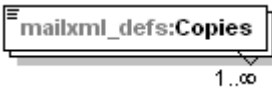
**element pieceRangeBlockType/ServiceLevelIndicator**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	F	
	enumeration	B	
	enumeration	P	
	enumeration	O	

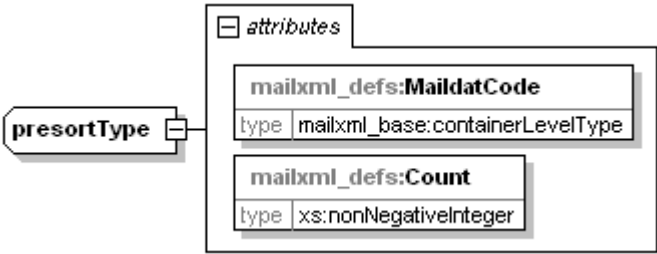
**element pieceRangeBlockType/Pieces**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		

**element pieceRangeBlockType/Copies**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		

**complexType presortType**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:MaildatCode</a>	mailxml_base:containerLevelType	required			
	<a href="#">mailxml_defs:Count</a>	xs:nonNegativeInteger	required			

**attribute presortType/@MaildatCode**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

facets	Kind	Value	annotation
	enumeration	A	
	enumeration	B	
	enumeration	C	
	enumeration	D	
	enumeration	G	
	enumeration	H	
	enumeration	I	
	enumeration	J	
	enumeration	K	
	enumeration	M	
	enumeration	N	
	enumeration	P	
	enumeration	Q	
	enumeration	R	
	enumeration	S	
	enumeration	T	
	enumeration	U	
	enumeration	V	
	enumeration	W	
	enumeration	X	
	enumeration	Y	
	enumeration	Z	
	enumeration	AA	
	enumeration	AB	
	enumeration	AC	
	enumeration	AD	
	enumeration	AE	
	enumeration	AF	
	enumeration	AG	
	enumeration	AH	
	enumeration	AI	
	enumeration	AJ	
	enumeration	AK	
	enumeration	AL	
	enumeration	AM	
	enumeration	AN	
	enumeration	AO	
	enumeration	AP	
	enumeration	AQ	
	enumeration	BA	
	enumeration	BB	
	enumeration	BC	
	enumeration	BD	
	enumeration	BE	
	enumeration	BF	
	enumeration	BG	

	enumeration	BH
	enumeration	BI
	enumeration	BJ
	enumeration	BK
	enumeration	BL
	enumeration	BM

**attribute presortType/@Count**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
-----------	---


**complexType qualificationPreparerDataType**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

**element qualificationPreparerDataType/PermitNumber**


diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

**element qualificationPreparerDataType/PermitType**


diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	PI	
	enumeration	MT	
	enumeration	PC	
	enumeration	BR	
	enumeration	PE	

	enumeration GH
	enumeration PP


**element qualificationPreparerDataType/PermitZip4**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:PermitZip4" is written. To the left of the box, there is a small icon consisting of three horizontal lines.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element qualificationPreparerDataType/PublicationNumber**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:PublicationNumber" is written. To the left of the box, there is a small icon consisting of three horizontal lines.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


**element qualificationPreparerDataType/MailerID6**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:MailerID6" is written. To the left of the box, there is a small icon consisting of three horizontal lines.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

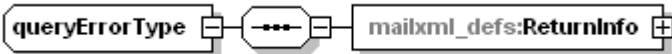
**element qualificationPreparerDataType/MailerID9**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:MailerID9" is written. To the left of the box, there is a small icon consisting of three horizontal lines.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**element qualificationPreparerDataType/CRID**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text "mailxml_defs:CRID" is written. To the left of the box, there is a small icon consisting of three horizontal lines.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

**complexType queryErrorType**

diagram	 The diagram shows a sequence of three elements: a box labeled "queryErrorType" with a small square icon to its left, a box containing three dots "..." with a small square icon to its left, and a box labeled "mailxml_defs:ReturnInfo" with a small square icon to its left. The boxes are connected by lines.
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **queryErrorType/ReturnInfo**

diagram	<p>The diagram shows the structure of the <code>mailxml_defs:ReturnInfo</code> element. It is a container element (rectangle with a small square on the right) that contains a sequence of elements (oval with three dots). The first element is <code>mailxml_defs:ConsigneeFacility</code> (dashed box with a plus sign). The second element is a choice element (oval with a vertical line) containing two elements: <code>mailxml_defs:ReturnCode</code> (solid box) and <code>mailxml_defs:ReturnDescription</code> (solid box). The choice element has a cardinality of <code>0..∞</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>


complexType **returnInfoType**

diagram	<p>The diagram shows the structure of the <code>returnInfoType</code> complex type. It is a container element (rectangle with a small square on the right) that contains a sequence of elements (oval with three dots). The first element is <code>mailxml_defs:ConsigneeFacility</code> (dashed box with a plus sign). The second element is a choice element (oval with a vertical line) containing two elements: <code>mailxml_defs:ReturnCode</code> (solid box) and <code>mailxml_defs:ReturnDescription</code> (solid box). The choice element has a cardinality of <code>0..∞</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
used by	element <a href="#">queryErrorType/ReturnInfo</a>


element **returnInfoType/ConsigneeFacility**

diagram	<p>The diagram shows the structure of the <code>mailxml_defs:ConsigneeFacility</code> element. It is a container element (rectangle with a small square on the right) that contains a sequence of elements (oval with three dots). The first element is <code>mailxml_defs:Companyname</code> (solid box). The second element is a choice element (oval with a vertical line) containing two elements: <code>mailxml_defs:Facilitynumber</code> (solid box) and <code>mailxml_defs:FacilityAddress</code> (dashed box with a plus sign). The choice element has a cardinality of <code>0..∞</code>. The third element is <code>mailxml_defs:FacilityAddress</code> (dashed box with a plus sign). The fourth element is <code>mailxml_defs:Facilityname</code> (dashed box). The fifth element is <code>mailxml_defs:FacilityType</code> (dashed box). The sixth element is <code>mailxml_defs:URL</code> (dashed box). The seventh element is <code>mailxml_defs:CommonContact</code> (dashed box with a plus sign). The seventh element has a cardinality of <code>0..∞</code>.</p>
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

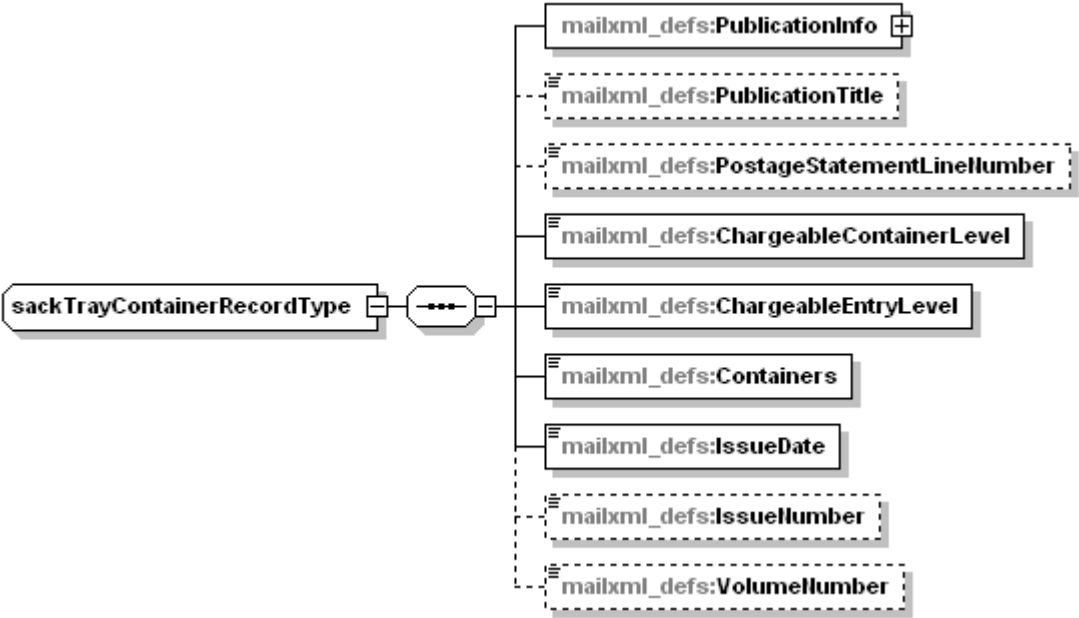
element **returnInfoType/ReturnCode**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

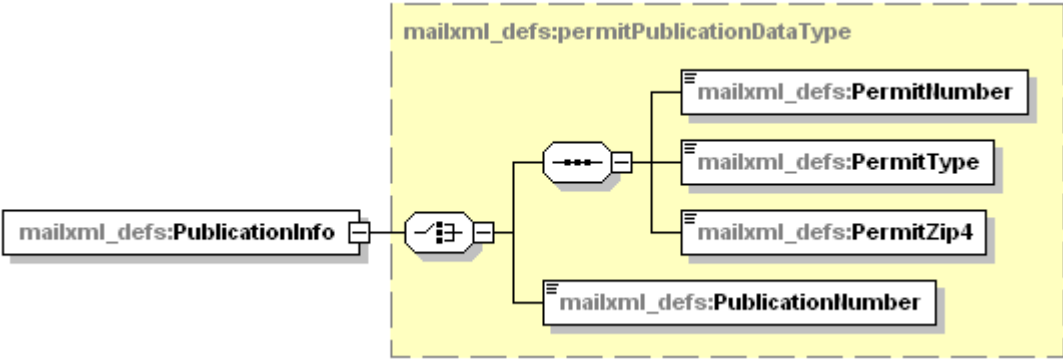
element **returnInfoType/ReturnDescription**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

complexType **sackTrayContainerRecordType**


diagram	 <p>The diagram shows the <b>sackTrayContainerRecordType</b> complex type. It consists of a sequence of elements: <b>PublicationInfo</b> (required), <b>PublicationTitle</b> (optional), <b>PostageStatementLinellumber</b> (optional), <b>ChargeableContainerLevel</b> (required), <b>ChargeableEntryLevel</b> (required), <b>Containers</b> (required), <b>IssueDate</b> (required), <b>Issuellumber</b> (optional), and <b>Volumellumber</b> (optional). The elements are connected by a sequence connector (a line with three dots).</p>
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **sackTrayContainerRecordType/PublicationInfo**

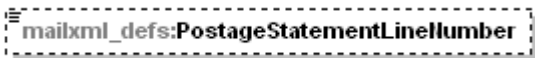
diagram	 <p>The diagram shows the <b>PublicationInfo</b> element within the <b>sackTrayContainerRecordType</b>. It is a complex type containing a sequence of elements: <b>Permitlumber</b> (required), <b>PermitType</b> (required), <b>PermitZip4</b> (required), and <b>Publicationlumber</b> (required). The elements are connected by a sequence connector. The entire structure is enclosed in a dashed box labeled <b>mailxml_defs:permitPublicationDataType</b>.</p>
---------	--

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--


element **sackTrayContainerRecordType/PublicationTitle**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **sackTrayContainerRecordType/PostageStatementLineNumber**

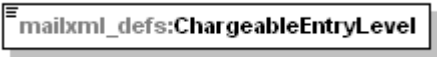
diagram			
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>		
facets	Kind	Value	annotation
	enumeration	E1	
	enumeration	E2	
	enumeration	E3	
	enumeration	E4	
	enumeration	E5	
	enumeration	E6	
	enumeration	E7	
	enumeration	E8	
	enumeration	E9	
	enumeration	E10	
	enumeration	E11	
	enumeration	E12	
	enumeration	E13	
	enumeration	E14	
	enumeration	E15	
	enumeration	E16	
	enumeration	E17	
	enumeration	E18	
	enumeration	E19	
	enumeration	E20	
	enumeration	E21	
	enumeration	E22	
	enumeration	E23	
	enumeration	E24	

element **sackTrayContainerRecordType/ChargeableContainerLevel**


diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

facets	Kind	Value	annotation
	enumeration	3	
	enumeration	5	
	enumeration	A	
	enumeration	M	


**element sackTrayContainerRecordType/ChargeableEntryLevel**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	B	
	enumeration	C	
	enumeration	D	
	enumeration	J	
	enumeration	K	
	enumeration	O	
	enumeration	R	
	enumeration	S	


**element sackTrayContainerRecordType/Containers**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		

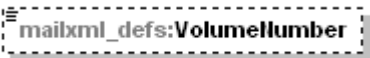
**element sackTrayContainerRecordType/IssueDate**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		

**element sackTrayContainerRecordType/IssueNumber**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		

**element sackTrayContainerRecordType/VolumeNumber**

diagram			
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namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

complexType **sackTrayContainerVersionRecordType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

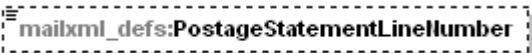
element **sackTrayContainerVersionRecordType/PublicationInfo**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **sackTrayContainerVersionRecordType/PublicationTitle**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs


element **sackTrayContainerVersionRecordType/PostageStatementLineNumber**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	E1	
	enumeration	E2	
	enumeration	E3	
	enumeration	E4	
	enumeration	E5	
	enumeration	E6	
	enumeration	E7	
	enumeration	E8	
	enumeration	E9	
	enumeration	E10	
	enumeration	E11	
	enumeration	E12	
	enumeration	E13	
	enumeration	E14	
	enumeration	E15	
	enumeration	E16	
	enumeration	E17	
	enumeration	E18	
	enumeration	E19	
	enumeration	E20	
	enumeration	E21	
	enumeration	E22	
	enumeration	E23	
	enumeration	E24	


element **sackTrayContainerVersionRecordType/ChargeableContainerLevel**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	3	
	enumeration	5	
	enumeration	A	
	enumeration	M	


element **sackTrayContainerVersionRecordType/ChargeableEntryLevel**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	B	
	enumeration	C	
	enumeration	D	
	enumeration	J	
	enumeration	K	
	enumeration	O	
	enumeration	R	
	enumeration	S	


element **sackTrayContainerVersionRecordType/Containers**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		

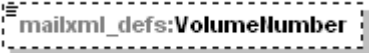
element **sackTrayContainerVersionRecordType/IssueDate**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		

element **sackTrayContainerVersionRecordType/IssueNumber**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		

element **sackTrayContainerVersionRecordType/VolumeNumber**

diagram			
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		

**complexType submittingSoftwareType**

diagram						
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
used by	elements <a href="#">OriginalContainerLinkageCancelRequest/SubmittingSoftware</a> <a href="#">OriginalContainerLinkageCreateRequest/SubmittingSoftware</a> <a href="#">PostageAdjustmentCreateRequest/SubmittingSoftware</a> <a href="#">SiblingContainerCancelRequest/SubmittingSoftware</a> <a href="#">SiblingContainerCreateRequest/SubmittingSoftware</a>					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:SoftwareName</a>	xs:string	required			
	<a href="#">mailxml_defs:Vendor</a>	xs:string	required			
	<a href="#">mailxml_defs:Version</a>	xs:string	required			
	<a href="#">mailxml_defs:ApprovalDate</a>	xs:date				
	<a href="#">mailxml_defs:ApprovalKey</a>	xs:string				

**attribute submittingSoftwareType/@SoftwareName**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute submittingSoftwareType/@Vendor**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute submittingSoftwareType/@Version**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute submittingSoftwareType/@ApprovalDate**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

attribute **submittingSoftwareType/@ApprovalKey**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

complexType **uspsClosedBySVType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
used by	element <a href="#">uspsDetailType/USPSClosedBySV</a>

element **uspsClosedBySVType/AutoScan**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **uspsClosedBySVType/ManualScan**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

complexType **uspsDetailType**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **uspsDetailType/USPSMultiApptID**

diagram	
namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs

element **uspsDetailType/USPSClosedBySV**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

complexType **verificationErrorType**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **verificationErrorType/VerificationErrorCode**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

element **verificationErrorType/VerificationErrorDescription**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>

complexType **zipCode**

diagram	
namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
used by	elements <a href="#">addressType/ZipCode</a> <a href="#">mailerDataType/ZipCode</a>

## 6 Common Definitions Attributes

### attributeGroup ContainerGroupRequestHeaderInfo

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:SenderContainerGroupID</a>	mailxml_base:s12	required			
	<a href="#">mailxml_defs:ReceiverContainerGroupID</a>	mailxml_base:s12	optional			

### attribute ContainerGroupRequestHeaderInfo/@SenderContainerGroupID

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

### attribute ContainerGroupRequestHeaderInfo/@ReceiverContainerGroupID

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

### attributeGroup ContainerGroupResponseHeaderInfo

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:SenderContainerGroupID</a>	mailxml_base:s12	required			
	<a href="#">mailxml_defs:ReceiverContainerGroupID</a>	mailxml_base:s12	optional			

### attribute ContainerGroupResponseHeaderInfo/@SenderContainerGroupID

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

### attribute ContainerGroupResponseHeaderInfo/@ReceiverContainerGroupID

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

### attributeGroup LargeTransactionDividerGroupOptionalType

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:MessageGroupID</a>	mailxml_base:s20	optional			
	<a href="#">mailxml_defs:TotalMessageCount</a>	xs:positiveInteger	optional			
	<a href="#">mailxml_defs:MessageSerialNumber</a>	xs:positiveInteger	optional			
	<a href="#">mailxml_defs:TransmittedRecordCount</a>	xs:positiveInteger	optional			
	<a href="#">mailxml_defs:TotalRecordsAcrossMessages</a>	xs:positiveInteger	optional			
	<a href="#">mailxml_defs:LastMessage</a>	mailxml_base:yesNo	optional	No		

### attribute LargeTransactionDividerGroupOptionalType/@MessageGroupID

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute LargeTransactionDividerGroupOptionalType/@TotalMessageCount**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute LargeTransactionDividerGroupOptionalType/@MessageSerialNumber**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute LargeTransactionDividerGroupOptionalType/@TransmittedRecordCount**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute LargeTransactionDividerGroupOptionalType/@TotalRecordsAcrossMessages**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute LargeTransactionDividerGroupOptionalType/@LastMessage**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs			
facets	Kind	Value	annotation	
	enumeration	Yes		
	enumeration	No		

**attributeGroup LargeTransactionDividerGroupType**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:MessageGroupID</a>	mailxml_base:s20	required			
	<a href="#">mailxml_defs:TotalMessageCount</a>	xs:positiveInteger	required			
	<a href="#">mailxml_defs:MessageSerialNumber</a>	xs:positiveInteger	required			
	<a href="#">mailxml_defs:TransmittedRecordCount</a>	xs:positiveInteger	required			
	<a href="#">mailxml_defs:TotalRecordsAcrossMessages</a>	xs:positiveInteger	required			
	<a href="#">mailxml_defs:LastMessage</a>	mailxml_base:yesNo	optional	No		

**attribute LargeTransactionDividerGroupType/@MessageGroupID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute LargeTransactionDividerGroupType/@TotalMessageCount**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute LargeTransactionDividerGroupType/@MessageSerialNumber**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute LargeTransactionDividerGroupType/@TransmittedRecordCount**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute LargeTransactionDividerGroupType/@TotalRecordsAcrossMessages**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute LargeTransactionDividerGroupType/@LastMessage**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	Yes	
	enumeration	No	

**attributeGroup MailGroupLargeTransactionDividerGroupType**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:CustomerGroupID</a>	mailxml_base:s25	required			
	<a href="#">mailxml_defs:MailingGroupID</a>	xs:nonNegativeInteger	required			
	<a href="#">mailxml_defs:MessageGroupID</a>	mailxml_base:s20	required			
	<a href="#">mailxml_defs:TotalMessageCount</a>	xs:positiveInteger	required			
	<a href="#">mailxml_defs:MessageSerialNumber</a>	xs:positiveInteger	required			
	<a href="#">mailxml_defs:TransmittedRecordCount</a>	xs:positiveInteger	required			
	<a href="#">mailxml_defs:TotalRecordsAcrossMessages</a>	xs:positiveInteger	required			
	<a href="#">mailxml_defs&gt;LastMessage</a>	mailxml_base:yesNo	optional	No		

**attribute MailGroupLargeTransactionDividerGroupType/@CustomerGroupID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute MailGroupLargeTransactionDividerGroupType/@MailingGroupID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute MailGroupLargeTransactionDividerGroupType/@MessageGroupID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute MailGroupLargeTransactionDividerGroupType/@TotalMessageCount**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute MailGroupLargeTransactionDividerGroupType/@MessageSerialNumber**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute MailGroupLargeTransactionDividerGroupType/@TransmittedRecordCount**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute MailGroupLargeTransactionDividerGroupType/@TotalRecordsAcrossMessages**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute MailGroupLargeTransactionDividerGroupType/@LastMessage**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	Yes	
	enumeration	No	

**attributeGroup MailingGroupIDHeaderInfo**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name <a href="#">mailxml_defs:CustomerGroupID</a>	Type <b>mailxml_base:s25</b>	Use required	Default	Fixed	annotation

**attribute MailingGroupIDHeaderInfo/@CustomerGroupID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attributeGroup MailingGroupMessageHeaderInfo**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:CustomerGroupID</a>	<b>mailxml_base:s25</b>				
	<a href="#">mailxml_defs:MailingGroupID</a>	<b>xs:nonNegativeInteger</b>	required			

**attribute MailingGroupMessageHeaderInfo/@CustomerGroupID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute MailingGroupMessageHeaderInfo/@MailingGroupID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attributeGroup MailPieceGroupRequestHeaderInfo**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:SenderMailPieceGroupID</a>	<b>mailxml_base:s12</b>	required			
	<a href="#">mailxml_defs:ReceiverMailPieceGroupID</a>	<b>mailxml_base:s12</b>	optional			

**attribute MailPieceGroupRequestHeaderInfo/@SenderMailPieceGroupID**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
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**attribute MailPieceGroupRequestHeaderInfo/@ReceiverMailPieceGroupID**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
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**attributeGroup MailPieceGroupResponseHeaderInfo**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:SenderMailPieceGroupID</a>	<b>mailxml_base:s12</b>	required			
	<a href="#">mailxml_defs:ReceiverMailPieceGroupID</a>	<b>mailxml_base:s12</b>	required			

**attribute MailPieceGroupResponseHeaderInfo/@SenderMailPieceGroupID**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
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**attribute MailPieceGroupResponseHeaderInfo/@ReceiverMailPieceGroupID**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
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**attributeGroup MailXMLHeaderInfo**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>					
used by	elements	<a href="#">OriginalContainerLinkageCreateResponse/LinkedContainerCreateAccept</a> <a href="#">OriginalContainerLinkageCreateResponse/LinkedContainerCreateReject</a> <a href="#">OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelAccept</a> <a href="#">OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelReject</a> <a href="#">OriginalContainerLinkageCancelRequest</a> <a href="#">OriginalContainerLinkageCreateRequest</a>				
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:CustomerGroupID</a>	<b>mailxml_base:s25</b>				
	<a href="#">mailxml_defs:MailingGroupID</a>	<b>xs:nonNegativeInteger</b>				
	<a href="#">mailxml_defs:MaildatJobID</a>	<b>mailxml_base:jobIDType</b>				
	<a href="#">mailxml_defs:UserLicenseCode</a>	<b>mailxml_base:userLicenseCodeType</b>				

**attribute MailXMLHeaderInfo/@CustomerGroupID**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
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**attribute MailXMLHeaderInfo/@MailingGroupID**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
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**attribute MailXMLHeaderInfo/@MaildatJobID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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**attribute MailXMLHeaderInfo/@UserLicenseCode**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attributeGroup MailXMLMessageHeaderInfo**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:CustomerGroupID</a>	<b>mailxml_base:s25</b>	required			
	<a href="#">mailxml_defs:MailingGroupID</a>	<b>xs:nonNegativeInteger</b>	required			

**attribute MailXMLMessageHeaderInfo/@CustomerGroupID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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**attribute MailXMLMessageHeaderInfo/@MailingGroupID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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**attributeGroup MailXMLMessageOptionalHeaderInfo**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:CustomerGroupID</a>	<b>mailxml_base:s25</b>				
	<a href="#">mailxml_defs:MailingGroupID</a>	<b>xs:nonNegativeInteger</b>				

**attribute MailXMLMessageOptionalHeaderInfo/@CustomerGroupID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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**attribute MailXMLMessageOptionalHeaderInfo/@MailingGroupID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attributeGroup MailXMLMsgResponseHeaderInfo**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:CustomerGroupID</a>	<b>mailxml_base:s25</b>	required			
	<a href="#">mailxml_defs:MailingGroupID</a>	<b>xs:nonNegativeInteger</b>	required			
	<a href="#">mailxml_defs:Status</a>	<b>mailxml_base:statusType</b>				

**attribute MailXMLMsgResponseHeaderInfo/@CustomerGroupID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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**attribute MailXMLMsgResponseHeaderInfo/@MailingGroupID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute MailXMLMsgResponseHeaderInfo/@Status**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs			
facets	Kind	Value	annotation	
	enumeration	Accepted		
	enumeration	Amended		
	enumeration	Cancelled		
	enumeration	Counterproposal		
	enumeration	New		
	enumeration	NoAction		
	enumeration	Original		
	enumeration	PartiallyAccepted		
	enumeration	Pending		
	enumeration	Rejected		
	enumeration	Replaced		

**attributeGroup QueryMsgHeaderInfo**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:SchedulerID</a>	mailxml_base:s12	required			
	<a href="#">mailxml_defs:SchedulerCorpID</a>	mailxml_base:s12	required			
	<a href="#">mailxml_defs:ApptType</a>	mailxml_base:apptTypeType	required			

**attribute QueryMsgHeaderInfo/@SchedulerID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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**attribute QueryMsgHeaderInfo/@SchedulerCorpID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute QueryMsgHeaderInfo/@ApptType**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs			
facets	Kind	Value	annotation	
	enumeration	Pallet		
	enumeration	DropAndPick		

	enumeration	Speedline
	enumeration	Bedload

**attributeGroup RequestMsgHeaderInfo**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:ShipperApptRequestID</a>	mailxml_base:s12	required			
	<a href="#">mailxml_defs:ConsigneeApptID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:SchedulerID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:SchedulerCorpID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:SchedulerCRID</a>	mailxml_base:CRIDType				
	<a href="#">mailxml_defs:ShipperMultiStopID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:ConsigneeMultiStopID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:ShipperStopNumber</a>	mailxml_base:n06				
	<a href="#">mailxml_defs:ApptType</a>	mailxml_base:apptTypeType	required			
	<a href="#">mailxml_defs:PickupOrDelivery</a>	mailxml_base:pickupOrDeliveryType	required			
	<a href="#">mailxml_defs:PalletPositionCount</a>	mailxml_base:n02				

**attribute RequestMsgHeaderInfo/@ShipperApptRequestID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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**attribute RequestMsgHeaderInfo/@ConsigneeApptID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute RequestMsgHeaderInfo/@SchedulerID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute RequestMsgHeaderInfo/@SchedulerCorpID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute RequestMsgHeaderInfo/@SchedulerCRID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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**attribute RequestMsgHeaderInfo/@ShipperMultiStopID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute RequestMsgHeaderInfo/@ConsigneeMultiStopID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute RequestMsgHeaderInfo/@ShipperStopNumber**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute RequestMsgHeaderInfo/@ApptType**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	Pallet	
	enumeration	DropAndPick	
	enumeration	Speedline	
	enumeration	Bedload	

**attribute RequestMsgHeaderInfo/@PickupOrDelivery**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	Pickup	
	enumeration	Delivery	

**attribute RequestMsgHeaderInfo/@PalletPositionCount**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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**attributeGroup ResponseMsgHeaderInfo**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs					
attributes	Name	Type	Use	Default	Fixed	annotation
	<a href="#">mailxml_defs:ShipperApptRequestID</a>	mailxml_base:s12	required			
	<a href="#">mailxml_defs:ConsigneeApptID</a>	mailxml_base:s12	required			
	<a href="#">mailxml_defs:SchedulerID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:SchedulerCorpID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:SchedulerCRID</a>	mailxml_base:CRIDType				
	<a href="#">mailxml_defs:ShipperMultiStopID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:ConsigneeMultiStopID</a>	mailxml_base:s12				
	<a href="#">mailxml_defs:ShipperStopNumber</a>	mailxml_base:n06				
	<a href="#">mailxml_defs:ApptType</a>	mailxml_base:apptTypeType	required			
	<a href="#">mailxml_defs:PickupOrDelivery</a>	mailxml_base:pickupOrDeliveryType	required			
	<a href="#">mailxml_defs:PalletPositionCount</a>	mailxml_base:n02				

**attribute ResponseMsgHeaderInfo/@ShipperApptRequestID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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**attribute ResponseMsgHeaderInfo/@ConsigneeApptID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute ResponseMsgHeaderInfo/@SchedulerID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute ResponseMsgHeaderInfo/@SchedulerCorpID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute ResponseMsgHeaderInfo/@SchedulerCRID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute ResponseMsgHeaderInfo/@ShipperMultiStopID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
-----------	--

**attribute ResponseMsgHeaderInfo/@ConsigneeMultiStopID**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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**attribute ResponseMsgHeaderInfo/@ShipperStopNumber**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs
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**attribute ResponseMsgHeaderInfo/@ApptType**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	Pallet	
	enumeration	DropAndPick	
	enumeration	Speedline	
	enumeration	Bedload	

**attribute ResponseMsgHeaderInfo/@PickupOrDelivery**

namespace	http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs		
facets	Kind	Value	annotation
	enumeration	Pickup	

	enumeration	Delivery
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**attribute ResponseMsgHeaderInfo/@PalletPositionCount**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
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**attributeGroup SiblingIdentifierHeaderInfo**

namespa ce	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>					
used by	complexType <a href="#">maildatContainerIDType</a>					
attributes	Name	Type	Use	Defau lt	Fixe d	annotati on
	<a href="#">mailxml_defs:UserLicenseCode</a>	mailxml_base:userLicenseCodeType	require d			
	<a href="#">mailxml_defs:MaildatJobID</a>	mailxml_base:jobIDType	require d			
	<a href="#">mailxml_defs:ContainerID</a>	mailxml_base:s06	require d			
	<a href="#">mailxml_defs:UniqueContainerBarcode</a>	mailxml_base:container24CharacterBarcodeType				
annotatio n	documentation Group of attributes identifying an original or sibling container					

**attribute SiblingIdentifierHeaderInfo/@UserLicenseCode**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
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**attribute SiblingIdentifierHeaderInfo/@MaildatJobID**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
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**attribute SiblingIdentifierHeaderInfo/@ContainerID**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
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**attribute SiblingIdentifierHeaderInfo/@UniqueContainerBarcode**

namespace	<a href="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs">http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxml_defs</a>
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