



## ***Mail.XML Version 23.0***

### **System Messages Specification**

**September 23, 2019**

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## Abstract

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

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## About Mail.XML™

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

## What's New in Mail.XML Version 23.0?

With this release, the Mail.XML Messaging Protocol moves to Version 23.0. In addition to minor cleanup, this release supports Mail.dat modernization and provides a new message for mailers to notify USPS of transportation dispatch details.

Changes supported by Mail.XML 23.0 include:

- Add a new element as part of MailCharacteristic Incentive block to allow users to provide data associated with Group ID for Electronic Sample of Mailpiece (eMailpieceSampleGroupID).
- Updates to ContainerScanQueryRequest to allow users to enter more than one ContainerID to request for status on more than one containers.

## About Mail.XML Schema Modularization

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

- Transportation Messages (TM)

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

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

## Mail.XML Module Versioning Rules

The following versioning rules will be followed:

- The Mail.XML wrapper schema\*\*(.xsd) will always be given the next higher version number (or Errata designation) when any update is made to base, defs or any module. The name of the .xsd file will indicate the new version and the new version number will be used in the namespace and target declarations: `xmlns:Mail.XML="http://Idealliance.org/Specs/Mail.XML23.0/Mail.XML"`  
`targetNamespace="http://Idealliance.org/Specs/Mail.XML23.0/Mail.XML"`
- When updates are made, only those modules that are updated will be given the next higher version number (or Errata letter designation).
- If updates are made to the base or defs, then the base and defs xsds will be given the next higher version number (or Errata designation) and all modules that call to them will also be given the next higher version number (or Errata designation).

For example:

- If the wrapper version is labeled as  
`xmlns:Mail.XML="http://Idealliance.org/Specs/Mail.XML15.0A/Mail.XML"` then at least one of the XSDs is at same version such as filename = 'Mail.XML\_15.0.A.xsd' <- Errata A
- If the wrapper version is labeled as  
`xmlns:Mail.XML="http://Idealliance.org/Specs/Mail.XML15.0B/Mail.XML"` then at least one of the XSDs is at same version such as filename = 'Mail.XML\_15.0B.xsd' <- Errata B

- If the wrapper version is labeled as  
xmlns:Mail.XML="http://Idealliance.org/Specs/Mail.XML15.0/Mail.XML" then at least one of the XSDs  
is at same version such as filename ='Mail.XML\_15.0.xsd' <- Major Version

## Mail.XML 23.0 XSD Modules:

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

- Mail.XML\_tm.xsd: This module contains all the transportation (or FAST) messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML\_tm:
- Mail.XML\_mm.xsd: This module contains all the mailing messages (eDoc) and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML\_mm:
- Mail.XML\_iv.xsd: This module contains informed visibility messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML\_iv:
- Mail.XML\_dd.xsd: This module contains all the data distribution messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML\_dd:
- Mail.XML\_id.xsd: This module contains all the identification messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML\_id:
- Mail.XML\_sc.xsd: This module contains all the supply chain messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML\_sc:
- Mail.XML\_defs.xsd: This module contains all the common definitions of attributes, elements and complex types that are used across two or more message types. Namespace=Mail.XML\_defs:
- Mail.XML\_base.xsd: This module contains simple types that are shared across two or more modules that make up Mail.XML. These can be considered a building block for any message group. Namespace=Mail.XML\_base:
- Mail.XML.xsd: This module contains the system messages of Mail.XML and is used to build custom profiles for Mail.XML. Namespace=Mail.XML:

## The Mail.XML™ 23 Messaging Documentation Set

The Mail.XML Messaging Specification has been organized into a set of documents. This *Schemas Specification* is one document in a set of documents that make up the Mail.XML Specification 23.0. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- Mail.XML™ 23.0: Transportation Messaging Specification documents all transportation messages
- Mail.XML™ 23.0: Mailing Messaging Specification documents all mailing messages
- Mail.XML™ 23.0: Informed Visibility Specification documents all informed visibility messages

- Mail.XML™ 23.0: Data Distribution Messaging Specification documents all data distribution messages
- Mail.XML™ 23.0: Identification Messaging Specification documents all identification messages
- Mail.XML™ 23.0: Supply Chain Messaging Specification documents all supply chain messages
- Mail.XML™ 23.0: System Messaging Specification documents all systems and fault messages
- Mail.XML™ 23.0: Simple Types Specification documents all simple types used across Mail.XML messages
- Mail.XML™ 23.0: Common Definitions Specification documents all shared elements and complex types.
- Mail.XML™ 23.0: Schemas contains the .XSDs that make up the Mail.XML Messaging Specification

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# 1 Index

schema location: [C:\WORK\Idealliance\2-XML\23.0 - internal edits\MailXMLV23-9-23-19\mailxml\\_iv\\_23.0.xsd](C:\WORK\Idealliance\2-XML\23.0 - internal edits\MailXMLV23-9-23-19\mailxml_iv_23.0.xsd)  
attribute form default: **qualified**  
element form default: **qualified**  
targetNamespace: [http://idealliance.org/Specs/mailxml23.0/mailxml\\_iv](http://idealliance.org/Specs/mailxml23.0/mailxml_iv)

## Elements

[ContainerVisibilityDelivery](#)  
[ContainerVisibilityEntry](#)  
[ContainerVisibilityNotification](#)  
[ContainerVisibilityQueryRequest](#)  
[ContainerVisibilityQueryResponse](#)  
[IMbMailpieceScanData](#)  
[MPSVisDelivery](#)  
[MPSVisNotification](#)  
[MPSVisQueryRequest](#)  
[MPSVisQueryResponse](#)  
[StartTheClockBMEUBlock](#)  
[StartTheClockDelivery](#)  
[StartTheClockDropShipOrOrigin](#)  
[StartTheClockNotification](#)  
[StartTheClockPlantLoadBlock](#)  
[StartTheClockQueryRequest](#)  
[StartTheClockQueryResponse](#)

## Complex types

[clockStartedType](#)  
[manifestScanEventDetailType](#)  
[manifestScanNotificationDataType](#)  
[manifestScanQueryType](#)  
[MPSNotificationDataType](#)  
[MPSRequestTypeType](#)  
[MPSVisScanQueryType](#)  
[PSRBlockType](#)  
[scanEventQueryTypeType](#)  
[ScanEventResultOptionsType](#)

## Simple types

[eDocTypeType](#)  
[handlingEventTypeType](#)  
[mailObjectTypeType](#)  
[recipientRoleType](#)  
[scanEventCodeType](#)



## 2 Elements

### element **ContainerVisibilityDelivery**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
properties	content complex					
children	<a href="#">mailxml_iv:SubmittingParty</a> <a href="#">mailxml_iv:SubmittingSoftware</a> <a href="#">mailxml_defs:DataRecipient</a> <a href="#">mailxml_iv:PushMessageID</a> <a href="#">mailxml_iv:ContainerVisibilityEntry</a>					
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:MessageGroupID	mailxml_base:s20	optional			
	mailxml_defs:TotalMessageCount	xs:positiveInteger	optional			
	mailxml_defs:MessageSerialNumber	xs:positiveInteger	optional			
	mailxml_defs:TransmittedRecordCount	xs:positiveInteger	optional			
	mailxml_defs:TotalRecordsAcrossMessages	xs:positiveInteger	optional			
	mailxml_defs:LastMessage	mailxml_base:yesNo	optional	No		
annotation	documentation Delivery of full service container visibility information by uSPS.					

element **ContainerVisibilityDelivery/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_defs:participantIDType</b>					
properties	isRef 0 minOcc 0 maxOcc 1 content complex					
attributes	Name mailxml_defs:MailerID6 mailxml_defs:MailerID9 mailxml_defs:CRID mailxml_defs:SchedulerID mailxml_defs:MaildatUserLicense mailxml_defs:ShippingAgentID mailxml_defs:ReceivingAgentID	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> <b>mailxml_base:s12</b> <b>mailxml_base:s12</b>	Use	Default	Fixed	annotation

element **ContainerVisibilityDelivery/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_defs:submittingSoftwareType</b>					
properties	isRef 0 minOcc 0 maxOcc 1 content complex					
attributes	Name	mailxml_defs:SoftwareName	<b>xs:string</b>	required	Default	Fixed
		mailxml_defs:Vendor	<b>xs:string</b>	required		
		mailxml_defs:Version	<b>xs:string</b>	required		
		mailxml_defs:ApprovalDate	<b>xs:date</b>			
		mailxml_defs:ApprovalKey	<b>xs:string</b>			

element **ContainerVisibilityDelivery/PushMessageID**

diagram					
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv				
type	<b>mailxml_base:s25</b>				
properties	isRef	0			
	minOcc	0			
	maxOcc	1			
	content	simple			
facets	Kind	Value	annotation		
	minLength	1			
	maxLength	25			
	whiteSpace	preserve			

# element **ContainerVisibilityEntry**

diagram




namespace [http://idealliance.org/Specs/mailxml23.0/mailxml\\_iv](http://idealliance.org/Specs/mailxml23.0/mailxml_iv)

properties content complex

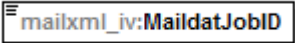
children [mailxml\\_iv:UserLicenseCode](#) [mailxml\\_iv:MaildatJobID](#) [mailxml\\_iv:CustomerGroupID](#) [mailxml\\_iv:MailingGroupID](#) [mailxml\\_iv:ConsigneeApptID](#) [mailxml\\_iv:CSAID](#) [mailxml\\_iv:ContainerID](#) [mailxml\\_iv:MailObjectType](#) [mailxml\\_iv:HandlingEventType](#) [mailxml\\_iv:ParentContainerID](#) [mailxml\\_iv:SiblingContainerID](#)

	<a href="#">mailxml_iv:ContainerType</a> <a href="#">mailxml_iv:ScanEvent</a> <a href="#">mailxml_iv:IMcb</a> <a href="#">mailxml_iv:IMtb</a> <a href="#">mailxml_iv:IMpb</a> <a href="#">mailxml_iv:FullServiceComplianceIndicator</a> <a href="#">mailxml_iv:FullServiceNonComplianceReasonCode</a> <a href="#">mailxml_iv:FSNonFSAvailabilityDate</a> <a href="#">mailxml_iv:FullServiceIndicator</a> <a href="#">mailxml_iv:ScanEventCode</a> <a href="#">mailxml_iv:RecipientRole</a>
used by	elements <a href="#">ContainerVisibilityDelivery</a> <a href="#">ContainerVisibilityQueryResponse/QueryResults</a>

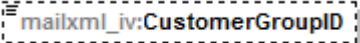
#### element **ContainerVisibilityEntry/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:userLicenseCodeType</b>		
properties	isRef 0 content simple		
facets	Kind	Value	annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

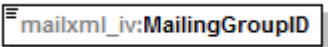
#### element **ContainerVisibilityEntry/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:jobIDType</b>		
properties	isRef 0 content simple		
facets	Kind	Value	annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

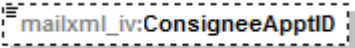
#### element **ContainerVisibilityEntry/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s25</b>		
properties	isRef 0 minOcc 0 maxOcc 1 content simple		
facets	Kind	Value	annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

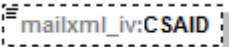
element **ContainerVisibilityEntry/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:nonNegativeInteger</b>
properties	isRef 0 content simple


element **ContainerVisibilityEntry/ConsigneeApptID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s12</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation minLength 1 maxLength 12 whiteSpace preserve

element **ContainerVisibilityEntry/CSAID**

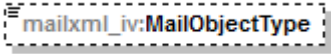
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s10</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation minLength 1 maxLength 10 whiteSpace preserve

element **ContainerVisibilityEntry/ContainerID**

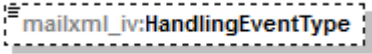
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s06</b>
properties	isRef 0 minOcc 0

	maxOcc 1 content simple
facets	<div>Kind Value annotation</div> <div>minLength 1</div> <div>maxLength 6</div> <div>whiteSpace preserve</div>

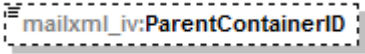
#### element **ContainerVisibilityEntry/MailObjectType**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<a href="#">mailxml_iv:mailObjectTypeType</a>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>enumeration Container</div> <div>enumeration HandlingUnit</div>

#### element **ContainerVisibilityEntry/HandlingEventType**

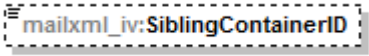
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<a href="#">mailxml_iv:handlingEventTypeType</a>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>enumeration Actual</div> <div>enumeration Logical</div> <div>enumeration AssumedActual</div> <div>enumeration AssumedLogical</div>

#### element **ContainerVisibilityEntry/ParentContainerID**


diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s06</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 1</div>

	maxLength 6
	whiteSpace preserve

element **ContainerVisibilityEntry/SiblingContainerID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	mailxml_base:s06		
properties	isRef 0		
	minOcc 0		
	maxOcc 1		
	content simple		
facets	Kind Value annotation		
	minLength 1		
	maxLength 6		
	whiteSpace preserve		

element **ContainerVisibilityEntry/ContainerType**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	mailxml_base:mailXMLContainerType		
properties	isRef 0		
	minOcc 0		
	maxOcc 1		
	content simple		
facets	Kind Value annotation		
	enumeration 1		
	enumeration 2		
	enumeration 3		
	enumeration 4		
	enumeration 5		
	enumeration 6		
	enumeration 7		
	enumeration 8		
	enumeration 9		
	enumeration 10		
	enumeration 11		
	enumeration 12		
	enumeration 13		
	enumeration 14		
	enumeration E		
	enumeration F		
	enumeration L		
	enumeration O		



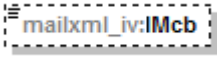
	enumeration	P
	enumeration	S
	enumeration	T
	enumeration	V
	enumeration	B
	enumeration	U
	enumeration	Z
	enumeration	X
	enumeration	H
	enumeration	A
	enumeration	G
	enumeration	D
	enumeration	R
	enumeration	C
	enumeration	CT
	enumeration	M
	enumeration	AB
	enumeration	Y

element **ContainerVisibilityEntry/ScanEvent**


diagram	<pre>           graph LR             subgraph mailxml_defs_scanEventType [mailxml_defs:scanEventType]               USPSFacilityLocal[mailxml_defs:USPSFacilityLocal...]               subgraph Choice1 [ ]                 City[mailxml_defs:City]                 State[mailxml_defs:State]               end               USPSFacilityName[mailxml_defs:USPSFacilityName]               ScanDateTime[mailxml_defs:ScanDateTime]               ContainerScanState[mailxml_defs:Container Scan State]               ScanStatus[mailxml_defs:Scan Status]               ScanIssueDescrip[mailxml_defs:ScanIssueDescrip...]               ScanIssueResolut[mailxml_defs:ScanIssueResolut...]             end             ScanEvent[mailxml_iv:ScanEvent] -- "1..∞" --&gt; Choice1           </pre>
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
type	<b>mailxml_defs:scanEventType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content complex

children	mailxml_defs:USPSFacilityLocaleKey mailxml_defs:City mailxml_defs:State mailxml_defs:USPSFacilityName mailxml_defs:ScanDateTime mailxml_defs:ContainerScanState mailxml_defs:ScanStatus mailxml_defs:ScanIssueDescription mailxml_defs:ScanIssueResolution
----------	--


#### element **ContainerVisibilityEntry/IMcb**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:IMcbType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation minLength 21 maxLength 24

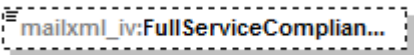
#### element **ContainerVisibilityEntry/IMtb**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:IMtbType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation minLength 24 maxLength 24

#### element **ContainerVisibilityEntry/IMpb**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:IMpbType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation minLength 21 maxLength 34


element **ContainerVisibilityEntry/FullServiceComplianceIndicator**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:fullServiceComplianceIndicatorType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation enumeration Yes enumeration No

element **ContainerVisibilityEntry/FullServiceNonComplianceReasonCode**

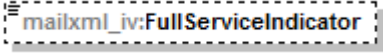
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:reasonCodeType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation enumeration A enumeration B enumeration D enumeration E enumeration I enumeration L enumeration M enumeration N enumeration P enumeration Q enumeration R enumeration S enumeration U enumeration V enumeration X

element **ContainerVisibilityEntry/FSNonFSAvailabilityDate**

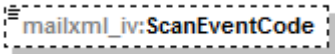
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>

properties	isRef	0
	minOcc	0
	maxOcc	1
	content	simple

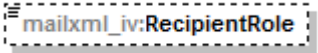
#### element **ContainerVisibilityEntry/FullServiceIndicator**

diagram		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv	
type	<b>mailxml_base:yesNo</b>	
properties	isRef	0
	minOcc	0
	maxOcc	1
	content	simple
facets	Kind	Value annotation
	enumeration	Yes
	enumeration	No

#### element **ContainerVisibilityEntry/ScanEventCode**

diagram		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv	
type	<a href="#">mailxml_iv:scanEventCodeType</a>	
properties	isRef	0
	minOcc	0
	maxOcc	1
	content	simple
facets	Kind	Value annotation
	pattern	\d{3}

#### element **ContainerVisibilityEntry/RecipientRole**

diagram		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv	
type	<a href="#">mailxml_iv:recipientRoleType</a>	
properties	isRef	0
	minOcc	0
	maxOcc	1
	content	simple
facets	Kind	Value annotation
	enumeration	Mail Owner
	enumeration	Mail Owner Delegate
	enumeration	Mail Preparer
	enumeration	Mail Preparer Delegate
	enumeration	MID Owner of MID on Container
	enumeration	MID Owner of MID on Container Delegate

	enumeration	MID Owner of MID on Tray
	enumeration	MID Owner of MID on Tray Delegate
	enumeration	MID Owner of MID on Piece
	enumeration	MID Owner of MID on Piece Delegate
	enumeration	eDoc Submitter
	enumeration	eDoc Submitter Delegate
	enumeration	FAST Scheduler
	enumeration	FAST Scheduler Delegate

## element **ContainerVisibilityNotification**

diagram	<p><b>ContainerVisibilityNotification</b> Notification sent by USPS that full service container visibility information is ready for pickup.</p> <ul style="list-style-type: none"> <li>mailxml_iv:SubmittingParty (optional)</li> <li>mailxml_iv:SubmittingSoftware (optional)</li> <li>mailxml_iv:PushMessageID (optional)</li> <li>Choice of two groups (each optional): <ul style="list-style-type: none"> <li>Group 1: mailxml_iv:UserLicenseCode, mailxml_iv:MaildatJobID</li> <li>Group 2: mailxml_iv:CustomerGroupID, mailxml_iv:MailingGroupID</li> </ul> </li> <li>mailxml_iv:FSNonFSAvailabilityDate (optional)</li> <li>Choice of two elements (both optional, cardinality 0..∞): <ul style="list-style-type: none"> <li>mailxml_iv:AvailableRecordCount</li> <li>mailxml_iv:CountType</li> </ul> </li> <li>mailxml_iv:NotificationDate (optional)</li> </ul>
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
properties	content complex
children	<a href="#">mailxml_iv:SubmittingParty</a> <a href="#">mailxml_iv:SubmittingSoftware</a> <a href="#">mailxml_iv:PushMessageID</a> <a href="#">mailxml_iv:UserLicenseCode</a> <a href="#">mailxml_iv:MaildatJobID</a> <a href="#">mailxml_iv:CustomerGroupID</a> <a href="#">mailxml_iv:MailingGroupID</a> <a href="#">mailxml_iv:FSNonFSAvailabilityDate</a> <a href="#">mailxml_iv:AvailableRecordCount</a> <a href="#">mailxml_iv:CountType</a> <a href="#">mailxml_iv:NotificationDate</a>
annotation	documentation Notification sent by USPS that full service container visibility information is ready for pickup.

element **ContainerVisibilityNotification/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_defs:participantIDType</b>					
properties	<div> <div>isRef</div> <div>0</div> </div> <div> <div>minOcc</div> <div>0</div> </div> <div> <div>maxOcc</div> <div>1</div> </div> <div> <div>content</div> <div>complex</div> </div>					
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:MailerID6	<b>mailxml_base:mailerID6Type</b>				
	mailxml_defs:MailerID9	<b>mailxml_base:mailerID9Type</b>				
	mailxml_defs:CRID	<b>mailxml_base:CRIDType</b>				
	mailxml_defs:SchedulerID	<b>mailxml_base:s12</b>				
	mailxml_defs:MaildatUserLicense	<b>mailxml_base:userLicenseCodeType</b>				
	mailxml_defs:ShippingAgentID	<b>mailxml_base:s12</b>				
	mailxml_defs:ReceivingAgentID	<b>mailxml_base:s12</b>				

element **ContainerVisibilityNotification/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_defs:submittingSoftwareType</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:SoftwareName	<b>xs:string</b>	required			
	mailxml_defs:Vendor	<b>xs:string</b>	required			
	mailxml_defs:Version	<b>xs:string</b>	required			
	mailxml_defs:ApprovalDate	<b>xs:date</b>				
	mailxml_defs:ApprovalKey	<b>xs:string</b>				

element **ContainerVisibilityNotification/PushMessageID**

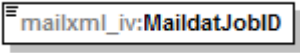
diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_base:s25</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	simple				
facets	Kind	Value	annotation			
	minLength	1				
	maxLength	25				
	whiteSpace	preserve				

element **ContainerVisibilityNotification/UserLicenseCode**

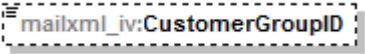
diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					

type	<b>mailxml_base:userLicenseCodeType</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

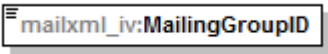
#### element **ContainerVisibilityNotification/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:jobIDType</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

#### element **ContainerVisibilityNotification/CustomerGroupID**


diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s25</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

#### element **ContainerVisibilityNotification/MailingGroupID**


diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>xs:nonNegativeInteger</b>		
properties	isRef	0	
	content	simple	




element **ContainerVisibilityNotification/FSNonFSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	isRef 0 content simple


element **ContainerVisibilityNotification/AvailableRecordCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:nonNegativeInteger</b>
properties	isRef 0 content simple

element **ContainerVisibilityNotification/CountType**

element	Container Holding Information/CountType												
diagram													
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv												
type	mailxml_defs:countTypeType												
properties	isRef 0 content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>IMcb</td><td></td></tr><tr><td>enumeration</td><td>IMtb</td><td></td></tr><tr><td>enumeration</td><td>IMpb</td><td></td></tr></table>	Kind	Value	annotation	enumeration	IMcb		enumeration	IMtb		enumeration	IMpb	
Kind	Value	annotation											
enumeration	IMcb												
enumeration	IMtb												
enumeration	IMpb												

element **ContainerVisibilityNotification/NotificationDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	isRef 0 content simple

# element **ContainerVisibilityQueryRequest**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
properties	content complex
children	<a href="#">mailxml_iv:SubmittingParty</a> <a href="#">mailxml_iv:SubmittingSoftware</a> <a href="#">mailxml_iv:SubmitterTrackingID</a> <a href="#">mailxml_iv:UserLicenseCode</a> <a href="#">mailxml_iv:MaildatJobID</a> <a href="#">mailxml_iv:CustomerGroupID</a> <a href="#">mailxml_iv:MailingGroupID</a> <a href="#">mailxml_iv:DateRange</a> <a href="#">mailxml_iv:ConsigneeApptID</a> <a href="#">mailxml_iv:CSAID</a> <a href="#">mailxml_iv:IMcb</a> <a href="#">mailxml_iv:IMtb</a> <a href="#">mailxml_iv:IMpb</a> <a href="#">mailxml_iv:USPSFacilityLocaleKey</a> <a href="#">mailxml_iv:ContainerScanState</a> <a href="#">mailxml_iv:retrieveDataBy</a> <a href="#">mailxml_iv:MailObjectType</a> <a href="#">mailxml_iv:HandlingEventType</a> <a href="#">mailxml_iv:ScanEventCode</a> <a href="#">mailxml_iv:RecipientRole</a>
annotation	documentation

	Query request for for full service container visisbility information.
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element **ContainerVisibilityQueryRequest/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	mailxml_defs:participantIDType					
properties	isRef 0 minOcc 0 maxOcc 1 content complex					
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:MailerID6	mailxml_base:mailerID6Type				
	mailxml_defs:MailerID9	mailxml_base:mailerID9Type				
	mailxml_defs:CRID	mailxml_base:CRIDType				
	mailxml_defs:SchedulerID	mailxml_base:s12				
	mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType				
	mailxml_defs:ShippingAgentID	mailxml_base:s12				
	mailxml_defs:ReceivingAgentID	mailxml_base:s12				

element **ContainerVisibilityQueryRequest/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_defs:submittingSoftwareType</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:SoftwareName	<b>xs:string</b>	required			
	mailxml_defs:Vendor	<b>xs:string</b>	required			
	mailxml_defs:Version	<b>xs:string</b>	required			
	mailxml_defs:ApprovalDate	<b>xs:date</b>				
	mailxml_defs:ApprovalKey	<b>xs:string</b>				

element **ContainerVisibilityQueryRequest/SubmitterTrackingID**

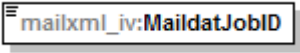
diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_base:s20</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	simple				
facets	Kind	Value	annotation			
	minLength	1				
	maxLength	20				
	whiteSpace	preserve				

element **ContainerVisibilityQueryRequest/UserLicenseCode**

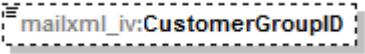
diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					

type	<b>mailxml_base:userLicenseCodeType</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

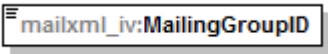
#### element **ContainerVisibilityQueryRequest/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:jobIDType</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

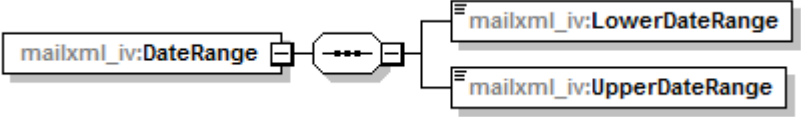
#### element **ContainerVisibilityQueryRequest/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s25</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	


#### element **ContainerVisibilityQueryRequest/MailingGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>xs:nonNegativeInteger</b>		
properties	isRef	0	
	content	simple	


element **ContainerVisibilityQueryRequest/DateRange**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
properties	isRef 0 content complex
children	<a href="#">mailxml_iv:LowerDateRange</a> <a href="#">mailxml_iv:UpperDateRange</a>

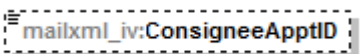
element **ContainerVisibilityQueryRequest/DateRange/LowerDateRange**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	isRef 0 content simple


element **ContainerVisibilityQueryRequest/DateRange/UpperDateRange**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	isRef 0 content simple

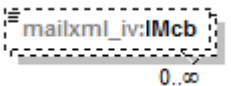
element **ContainerVisibilityQueryRequest/ConsigneeApptID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	mailxml_base:s12		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	12	
	whiteSpace	preserve	

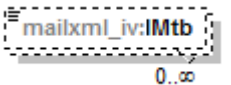
element **ContainerVisibilityQueryRequest/CSAID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s10</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 1</div> <div>maxLength 10</div> <div>whiteSpace preserve</div>

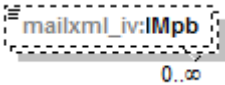
element **ContainerVisibilityQueryRequest/IMcb**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:IMcbType</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc unbounded</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 21</div> <div>maxLength 24</div>

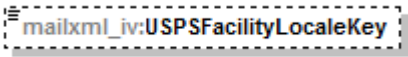
element **ContainerVisibilityQueryRequest/IMtb**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:IMtbType</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc unbounded</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 24</div> <div>maxLength 24</div>

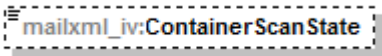
element **ContainerVisibilityQueryRequest/IMpb**

diagram	 A diagram showing the element <b>mailxml_iv:IMpb</b> in a dashed box. To its right is a multiplicity of <b>0..∞</b> .
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:IMpbType</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc unbounded</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 21</div> <div>maxLength 34</div>

element **ContainerVisibilityQueryRequest/USPSFacilityLocaleKey**

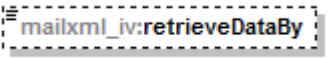
diagram	 A diagram showing the element <b>mailxml_iv:USPSFacilityLocaleKey</b> in a dashed box.
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:localeKeyType</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 1</div> <div>maxLength 9</div> <div>whiteSpace preserve</div>

element **ContainerVisibilityQueryRequest/ContainerScanState**

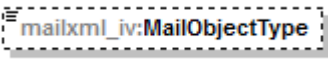
diagram	 A diagram showing the element <b>mailxml_iv:ContainerScanState</b> in a dashed box.
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:containerScanStateType</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>enumeration Electronic Information Received</div> <div>enumeration Entered at USPS</div> <div>enumeration Enroute Depart</div> <div>enumeration Enroute</div> <div>enumeration Enroute Arrive</div> <div>enumeration Arrival At Unit</div> <div>enumeration Out for Delivery</div> <div>enumeration All Scan States</div>



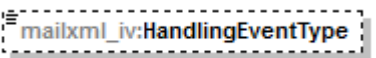
element **ContainerVisibilityQueryRequest/retrieveDataBy**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:retrieveDataByType</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>enumeration FS</div> <div>enumeration NFS</div> <div>enumeration Both</div>

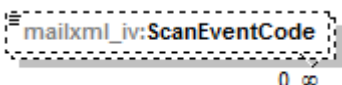
element **ContainerVisibilityQueryRequest/MailObjectType**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<a href="#">mailxml_iv:mailObjectTypeType</a>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>enumeration Container</div> <div>enumeration HandlingUnit</div>

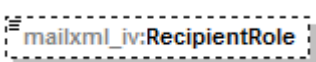
element **ContainerVisibilityQueryRequest/HandlingEventType**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<a href="#">mailxml_iv:handlingEventTypeType</a>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>enumeration Actual</div> <div>enumeration Logical</div> <div>enumeration AssumedActual</div> <div>enumeration AssumedLogical</div>

element **ContainerVisibilityQueryRequest/ScanEventCode**

diagram									
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv								
type	<a href="#">mailxml_iv:scanEventCodeType</a>								
properties	<table><tr><td>isRef</td><td>0</td></tr><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>unbounded</td></tr><tr><td>content</td><td>simple</td></tr></table>	isRef	0	minOcc	0	maxOcc	unbounded	content	simple
isRef	0								
minOcc	0								
maxOcc	unbounded								
content	simple								
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>pattern</td><td>\d{3}</td><td></td></tr></table>	Kind	Value	annotation	pattern	\d{3}			
Kind	Value	annotation							
pattern	\d{3}								

element **ContainerVisibilityQueryRequest/RecipientRole**

element Container VisibilityQueryRequestRecipientRole																																															
diagram																																															
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv																																														
type	<a href="#">mailxml_iv:recipientRoleType</a>																																														
properties	isRef 0 minOcc 0 maxOcc 1 content simple																																														
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>Mail Owner</td><td></td></tr><tr><td>enumeration</td><td>Mail Owner Delegate</td><td></td></tr><tr><td>enumeration</td><td>Mail Preparer</td><td></td></tr><tr><td>enumeration</td><td>Mail Preparer Delegate</td><td></td></tr><tr><td>enumeration</td><td>MID Owner of MID on Container</td><td></td></tr><tr><td>enumeration</td><td>MID Owner of MID on Container Delegate</td><td></td></tr><tr><td>enumeration</td><td>MID Owner of MID on Tray</td><td></td></tr><tr><td>enumeration</td><td>MID Owner of MID on Tray Delegate</td><td></td></tr><tr><td>enumeration</td><td>MID Owner of MID on Piece</td><td></td></tr><tr><td>enumeration</td><td>MID Owner of MID on Piece Delegate</td><td></td></tr><tr><td>enumeration</td><td>eDoc Submitter</td><td></td></tr><tr><td>enumeration</td><td>eDoc Submitter Delegate</td><td></td></tr><tr><td>enumeration</td><td>FAST Scheduler</td><td></td></tr><tr><td>enumeration</td><td>FAST Scheduler Delegate</td><td></td></tr></tbody></table>		Kind	Value	annotation	enumeration	Mail Owner		enumeration	Mail Owner Delegate		enumeration	Mail Preparer		enumeration	Mail Preparer Delegate		enumeration	MID Owner of MID on Container		enumeration	MID Owner of MID on Container Delegate		enumeration	MID Owner of MID on Tray		enumeration	MID Owner of MID on Tray Delegate		enumeration	MID Owner of MID on Piece		enumeration	MID Owner of MID on Piece Delegate		enumeration	eDoc Submitter		enumeration	eDoc Submitter Delegate		enumeration	FAST Scheduler		enumeration	FAST Scheduler Delegate	
Kind	Value	annotation																																													
enumeration	Mail Owner																																														
enumeration	Mail Owner Delegate																																														
enumeration	Mail Preparer																																														
enumeration	Mail Preparer Delegate																																														
enumeration	MID Owner of MID on Container																																														
enumeration	MID Owner of MID on Container Delegate																																														
enumeration	MID Owner of MID on Tray																																														
enumeration	MID Owner of MID on Tray Delegate																																														
enumeration	MID Owner of MID on Piece																																														
enumeration	MID Owner of MID on Piece Delegate																																														
enumeration	eDoc Submitter																																														
enumeration	eDoc Submitter Delegate																																														
enumeration	FAST Scheduler																																														
enumeration	FAST Scheduler Delegate																																														

## element ContainerVisibilityQueryResponse

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
properties	content complex					
children	<a href="#">mailxml_iv:TrackingID</a> <a href="#">mailxml_iv:SubmitterTrackingID</a> <a href="#">mailxml_iv:QueryResults</a> <a href="#">mailxml_defs:QueryError</a>					
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:MessageGroupID	mailxml_base:s20	optional			
	mailxml_defs:TotalMessageCount	xs:positiveInteger	optional			
	mailxml_defs:MessageSerialNumber	xs:positiveInteger	optional			
	mailxml_defs:TransmittedRecordCount	xs:positiveInteger	optional			
	mailxml_defs:TotalRecordsAcrossMessages	xs:positiveInteger	optional			
	mailxml_defs:LastMessage	mailxml_base:yesNo	optional	No		
annotation	documentation Response to the Query request for for full service container visibility information.					

## element ContainerVisibilityQueryResponse/TrackingID

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	mailxml_base:s20					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	simple				

facets	Kind	Value	annotation
	minLength	1	
	maxLength	20	
	whiteSpace	preserve	

#### element **ContainerVisibilityQueryResponse/SubmitterTrackingID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	mailxml_base:s20		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	20	
	whiteSpace	preserve	

#### element **ContainerVisibilityQueryResponse/QueryResults**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
properties	isRef	0	
	content	complex	
children	mailxml_defs:LargeTransactionDividerResult <a href="#">mailxml_iv:ContainerVisibilityEntry</a> <a href="#">mailxml_iv:ReturnInfo</a>		

element **ContainerVisibilityQueryResponse/QueryResults/ReturnInfo**

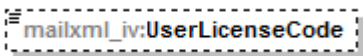
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:basicReturnInfoType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content complex
children	<b>mailxml_defs:ReturnCode</b> <b>mailxml_defs:ReturnDescription</b> <b>mailxml_defs:errorWarning</b> <b>mailxml_defs:ContainerErrorWarningBlock</b>

element **IMbMailpieceScanData**

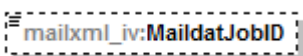
diagram	
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namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
properties	content complex
children	<a href="#">mailxml_iv:UserLicenseCode</a> <a href="#">mailxml_iv:MaildatJobID</a> <a href="#">mailxml_iv:CustomerGroupID</a> <a href="#">mailxml_iv:MailingGroupID</a> <a href="#">mailxml_iv:MailBundleCount</a> <a href="#">mailxml_iv:MPSCount</a> <a href="#">mailxml_iv:IMcbAndIMtbPieceScanInfo</a> <a href="#">mailxml_iv:IMcbPieceScanInfo</a> <a href="#">mailxml_iv:IMtbPieceScanInfo</a> <a href="#">mailxml_iv:IMbScanRec</a>
used by	elements <a href="#">MPSVisQueryResponse/QueryResults</a> <a href="#">MPSVisDelivery</a>

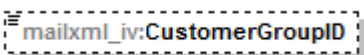
#### element IMbMailpieceScanData/UserLicenseCode

diagram													
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv												
type	mailxml_base:userLicenseCodeType												
properties	<table><tr><td>isRef</td><td>0</td></tr><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	isRef	0	minOcc	0	maxOcc	1	content	simple				
isRef	0												
minOcc	0												
maxOcc	1												
content	simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	annotation	minLength	1		maxLength	4		whiteSpace	preserve	
Kind	Value	annotation											
minLength	1												
maxLength	4												
whiteSpace	preserve												

#### element IMbMailpieceScanData/MaildatJobID

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:jobIDType</b>
properties	<div><div>isRef</div><div>0</div></div> <div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>
facets	<div><div>Kind</div><div>Value</div><div>annotation</div></div> <div><div>minLength</div><div>1</div></div> <div><div>maxLength</div><div>8</div></div> <div><div>whiteSpace</div><div>preserve</div></div>

#### element IMbMailpieceScanData/CustomerGroupID


diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s25</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple

facets	Kind	Value	annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	


#### element **IMbMailpieceScanData/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:nonNegativeInteger</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple

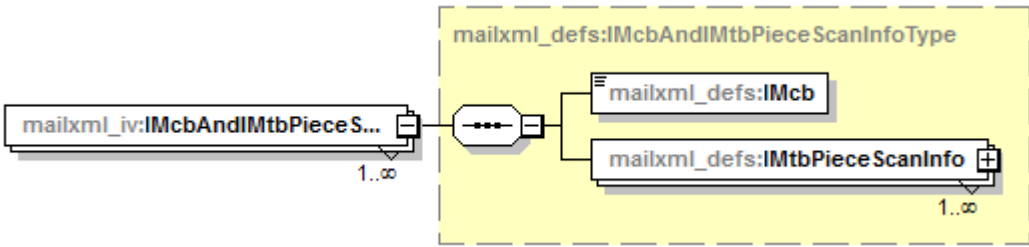
#### element **IMbMailpieceScanData/MailBundleCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:nonNegativeInteger</b>
properties	isRef 0 content simple

#### element **IMbMailpieceScanData/MPSCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:nonNegativeInteger</b>
properties	isRef 0 content simple

#### element **IMbMailpieceScanData/IMcbAndIMtbPieceScanInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:IMcbAndIMtbPieceScanInfoType</b>

properties	isRef 0 minOcc 1 maxOcc unbounded content complex
children	<b>mailxml_defs:IMcb mailxml_defs:IMtbPieceScanInfo</b>

#### element **IMbMailpieceScanData/IMcbPieceScanInfo**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
type	<b>mailxml_defs:IMcbPieceScanInfoType</b>
properties	isRef 0 minOcc 1 maxOcc unbounded content complex
children	<b>mailxml_defs:IMcb mailxml_defs:IMbScanRec</b>

#### element **IMbMailpieceScanData/IMtbPieceScanInfo**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
type	<b>mailxml_defs:IMtbPieceScanInfoType</b>
properties	isRef 0 minOcc 1 maxOcc unbounded content complex
children	<b>mailxml_defs:IMtb mailxml_defs:IMbScanRec</b>

#### element **IMbMailpieceScanData/IMbScanRec**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>



type	<b>mailxml_base:s500</b>		
properties	isRef	0	
	minOcc	1	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	500	
	whiteSpace	preserve	

### element **MPSVisDelivery**

diagram			
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>		
properties	content	complex	

children	<a href="#">mailxml_iv:SubmittingParty</a> <a href="#">mailxml_iv:SubmittingSoftware</a> <a href="#">mailxml_iv:AssumedScans</a> <a href="#">mailxml_iv:eDocType</a> <a href="#">mailxml_defs:DataRecipient</a> <a href="#">mailxml_iv:PushMessageID</a> <a href="#">mailxml_iv:IMbMailpieceScanData</a> <a href="#">mailxml_iv:ManifestScanEvent</a> <a href="#">mailxml_iv:UnManifestedScanEventDetail</a>					
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:MessageGroupID	mailxml_base:s20	optional			
	mailxml_defs:TotalMessageCount	xs:positiveInteger	optional			
	mailxml_defs:MessageSerialNumber	xs:positiveInteger	optional			
	mailxml_defs:TransmittedRecordCount	xs:positiveInteger	optional			
	mailxml_defs:TotalRecordsAcrossMessages	xs:positiveInteger	optional			
	mailxml_defs:LastMessage	mailxml_base:yesNo	optional	No		
annotation	documentation Delivery of the Mail Piece Scanned Data to customer by USPS.					

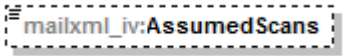
#### element **MPSVisDelivery/SubmittingParty**

diagram						
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>					
type	<b>mailxml_defs:participantIDType</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:MailerID6	mailxml_base:mailerID6Type				
	mailxml_defs:MailerID9	mailxml_base:mailerID9Type				
	mailxml_defs:CRID	mailxml_base:CRIDType				
	mailxml_defs:SchedulerID	mailxml_base:s12				
	mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType				
	mailxml_defs:ShippingAgentID	mailxml_base:s12				
	mailxml_defs:ReceivingAgentID	mailxml_base:s12				

element **MPSVisDelivery/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_defs:submittingSoftwareType</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name		Type	Use	Default	Fixed
	mailxml_defs:SoftwareName	<b>xs:string</b>		required		
	mailxml_defs:Vendor	<b>xs:string</b>		required		
	mailxml_defs:Version	<b>xs:string</b>		required		
	mailxml_defs:ApprovalDate	<b>xs:date</b>				
	mailxml_defs:ApprovalKey	<b>xs:string</b>				

element **MPSVisDelivery/AssumedScans**

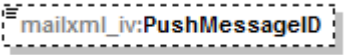
diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	mailxml_base:yesNo		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	enumeration	Yes	
	enumeration	No	

element **MPSVisDelivery/eDocType**

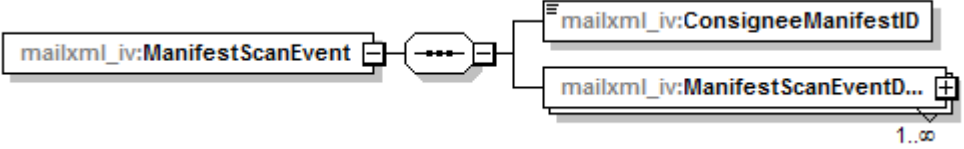
diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					

type	<a href="#">mailxml_iv:eDocTypeType</a>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	enumeration	101	
	enumeration	102	
	enumeration	103	
	enumeration	104	
	enumeration	105	
	enumeration	106	
	enumeration	107	
	enumeration	108	
	enumeration	109	
	enumeration	110	

#### element **MPSVisDelivery/PushMessageID**

diagram			
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>		
type	<b>mailxml_base:s25</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

#### element **MPSVisDelivery/ManifestScanEvent**

diagram			
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>		
properties	isRef	0	
	content	complex	
children	<a href="#">mailxml_iv:ConsigneeManifestID</a> <a href="#">mailxml_iv:ManifestScanEventDetail</a>		

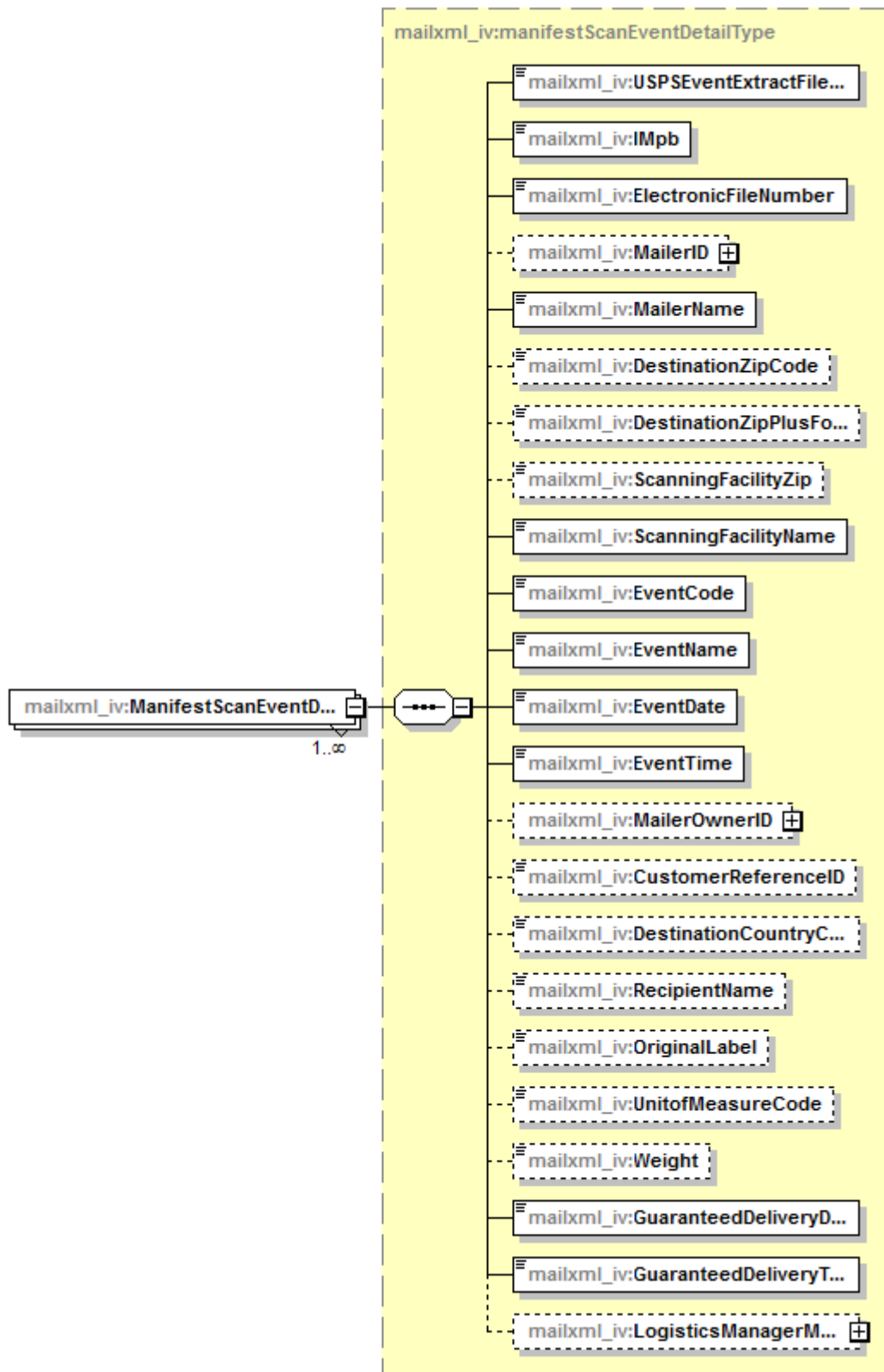
#### element **MPSVisDelivery/ManifestScanEvent/ConsigneeManifestID**

diagram			
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namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:ns22</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	pattern	[0-9]{22}	

element **MPSVisDelivery/ManifestScanEvent/ManifestScanEventDetail**

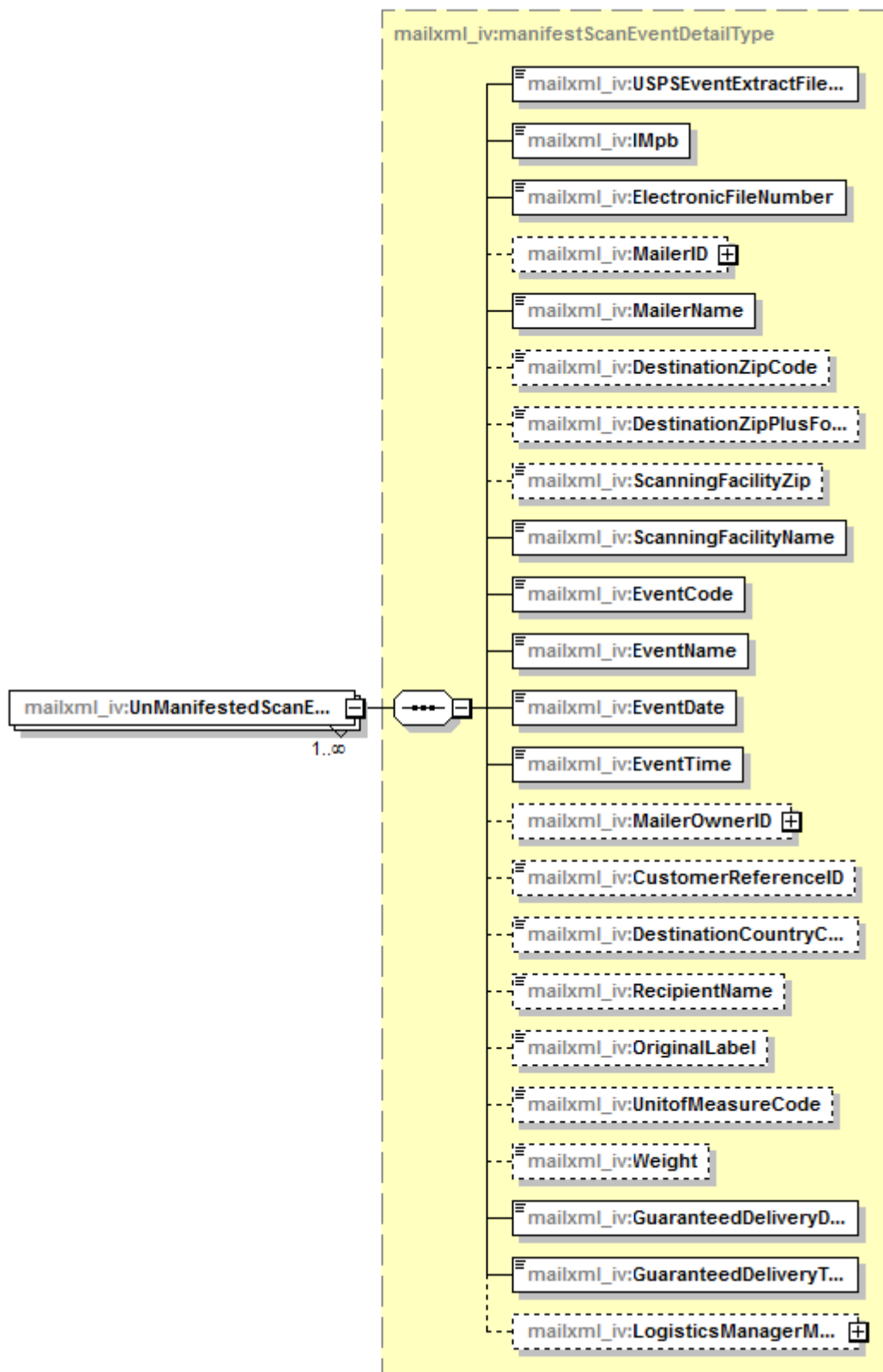
diagram



namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
type	<a href="#">mailxml iv:manifestScanEventDetailType</a>
properties	isRef 0 minOcc 1 maxOcc unbounded content complex
children	<a href="#">mailxml iv:USPSEventExtractFileVersionNumber</a> <a href="#">mailxml iv:IMpb</a> <a href="#">mailxml iv:ElectronicFileNumber</a> <a href="#">mailxml iv:MailerID</a> <a href="#">mailxml iv:MailerName</a> <a href="#">mailxml iv:DestinationZipCode</a> <a href="#">mailxml iv:DestinationZipPlusFour</a> <a href="#">mailxml iv:ScanningFacilityZip</a> <a href="#">mailxml iv:ScanningFacilityName</a> <a href="#">mailxml iv:EventCode</a> <a href="#">mailxml iv:EventName</a> <a href="#">mailxml iv:EventDate</a> <a href="#">mailxml iv:EventTime</a> <a href="#">mailxml iv:MailerOwnerID</a> <a href="#">mailxml iv:CustomerReferenceID</a> <a href="#">mailxml iv:DestinationCountryCode</a> <a href="#">mailxml iv:RecipientName</a> <a href="#">mailxml iv:OriginalLabel</a> <a href="#">mailxml iv:UnitofMeasureCode</a> <a href="#">mailxml iv:Weight</a> <a href="#">mailxml iv:GuaranteedDeliveryDate</a> <a href="#">mailxml iv:GuaranteedDeliveryTime</a> <a href="#">mailxml iv:LogisticsManagerMailerID</a>

element **MPSVisDelivery/UnManifestedScanEventDetail**

diagram





namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<a href="#">mailxml_iv:manifestScanEventDetailType</a>
properties	isRef 0 minOcc 1 maxOcc unbounded content complex
children	<a href="#">mailxml_iv:USPSEventExtractFileVersionNumber</a> <a href="#">mailxml_iv:IMpb</a> <a href="#">mailxml_iv:ElectronicFileNumber</a> <a href="#">mailxml_iv:MailerID</a> <a href="#">mailxml_iv:MailerName</a> <a href="#">mailxml_iv:DestinationZipCode</a> <a href="#">mailxml_iv:DestinationZipPlusFour</a> <a href="#">mailxml_iv:ScanningFacilityZip</a> <a href="#">mailxml_iv:ScanningFacilityName</a> <a href="#">mailxml_iv:EventCode</a> <a href="#">mailxml_iv:EventName</a> <a href="#">mailxml_iv:EventDate</a> <a href="#">mailxml_iv:EventTime</a> <a href="#">mailxml_iv:MailerOwnerID</a> <a href="#">mailxml_iv:CustomerReferenceID</a> <a href="#">mailxml_iv:DestinationCountryCode</a> <a href="#">mailxml_iv:RecipientName</a> <a href="#">mailxml_iv:OriginalLabel</a> <a href="#">mailxml_iv:UnitofMeasureCode</a> <a href="#">mailxml_iv:Weight</a> <a href="#">mailxml_iv:GuaranteedDeliveryDate</a> <a href="#">mailxml_iv:GuaranteedDeliveryTime</a> <a href="#">mailxml_iv:LogisticsManagerMailerID</a>

#### element MPSVisNotification

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
properties	content complex
children	<a href="#">mailxml_iv:SubmittingParty</a> <a href="#">mailxml_iv:SubmittingSoftware</a> <a href="#">mailxml_iv:AssumedScans</a> <a href="#">mailxml_iv:eDocType</a> <a href="#">mailxml_defs:DataRecipient</a> <a href="#">mailxml_iv:PushMessageID</a> <a href="#">mailxml_iv:UserLicenseCode</a> <a href="#">mailxml_iv:MaildatJobID</a> <a href="#">mailxml_iv:CustomerGroupID</a> <a href="#">mailxml_iv:MailingGroupID</a> <a href="#">mailxml_iv:AvailableRecordCount</a> <a href="#">mailxml_iv:NotificationDate</a> <a href="#">mailxml_iv:MPSNotificationData</a> <a href="#">mailxml_iv:ManifestScanNotific...</a>
annotation	documentation Notification from USPS that the Mail Piece Scanned Data is ready.

element **MPSVisNotification/SubmittingParty**

diagram						
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>					
type	<b>mailxml_defs:participantIDType</b>					
properties	isRef 0 minOcc 0 maxOcc 1 content complex					
attributes	Name mailxml_defs:MailerID6 mailxml_defs:MailerID9 mailxml_defs:CRID mailxml_defs:SchedulerID mailxml_defs:MaildatUserLicense mailxml_defs:ShippingAgentID mailxml_defs:ReceivingAgentID	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> <b>mailxml_base:s12</b> <b>mailxml_base:s12</b>	Use	Default	Fixed	annotation

element **MPSVisNotification/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_defs:submittingSoftwareType</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name		Type	Use	Default	Fixed
	mailxml_defs:SoftwareName	<b>xs:string</b>		required		
	mailxml_defs:Vendor	<b>xs:string</b>		required		
	mailxml_defs:Version	<b>xs:string</b>		required		
	mailxml_defs:ApprovalDate	<b>xs:date</b>				
	mailxml_defs:ApprovalKey	<b>xs:string</b>				

element **MPSVisNotification/AssumedScans**

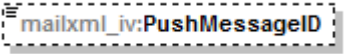
diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_base:yesNo</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	simple				
facets	Kind	Value	annotation			
	enumeration	Yes				
	enumeration	No				

element **MPSVisNotification/eDocType**


diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					

type	<a href="#">mailxml_iv:eDocTypeType</a>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	enumeration	101	
	enumeration	102	
	enumeration	103	
	enumeration	104	
	enumeration	105	
	enumeration	106	
	enumeration	107	
	enumeration	108	
	enumeration	109	
	enumeration	110	

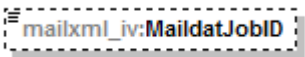
#### element **MPSVisNotification/PushMessageID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s25</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

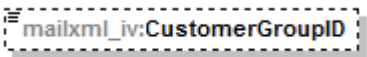
#### element **MPSVisNotification/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:userLicenseCodeType</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	


element **MPSVisNotification/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:jobIDType</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 1</div> <div>maxLength 8</div> <div>whiteSpace preserve</div>


element **MPSVisNotification/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s25</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 1</div> <div>maxLength 25</div> <div>whiteSpace preserve</div>


element **MPSVisNotification/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:nonNegativeInteger</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>

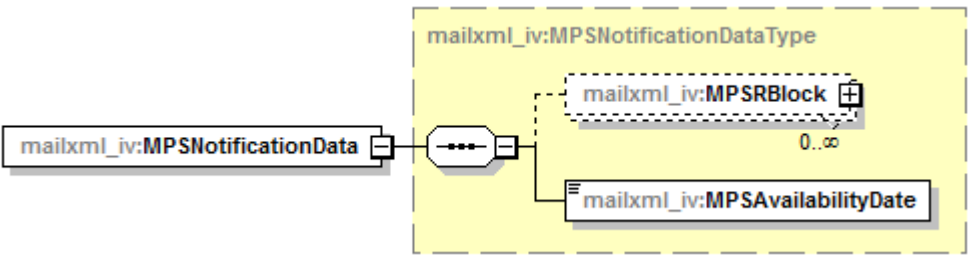
element **MPSVisNotification/AvailableRecordCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:nonNegativeInteger</b>
properties	<div>isRef 0</div> <div>content simple</div>

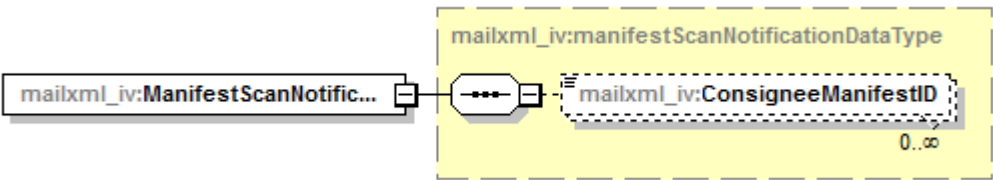
element **MPSVisNotification/NotificationDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	isRef 0 content simple

element **MPSVisNotification/MPSNotificationData**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<a href="#">mailxml_iv:MPSNotificationDataType</a>
properties	isRef 0 content complex
children	<a href="#">mailxml_iv:MPSRBlock</a> <a href="#">mailxml_iv:MPSAvailabilityDate</a>

element **MPSVisNotification/ManifestScanNotification**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<a href="#">mailxml_iv:manifestScanNotificationDataType</a>
properties	isRef 0 content complex
children	<a href="#">mailxml_iv:ConsigneeManifestID</a>

## element MPSVisQueryRequest

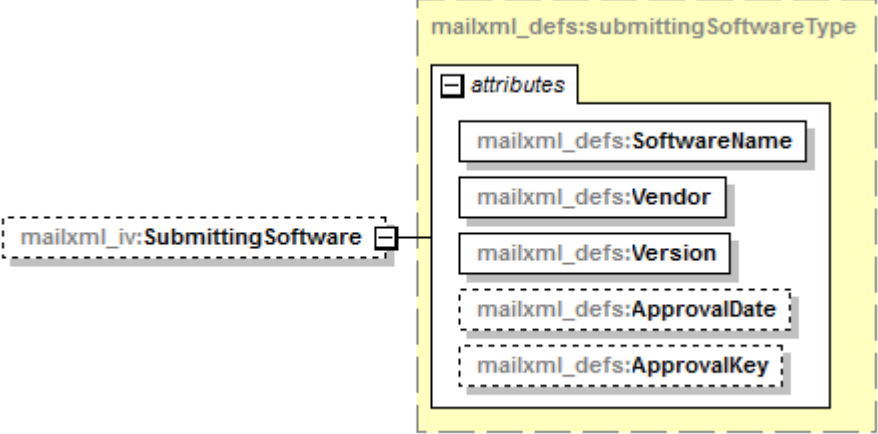
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
properties	content complex
children	<a href="#">mailxml_iv:SubmittingParty</a> <a href="#">mailxml_iv:SubmittingSoftware</a> <a href="#">mailxml_iv:SubmitterTrackingID</a> <a href="#">mailxml_iv:ManifestScanQuery</a> <a href="#">mailxml_iv:MPSVisScanQueryType</a> <a href="#">mailxml_iv:RetrieveDataBy</a>

## element MPSVisQueryRequest/SubmittingParty

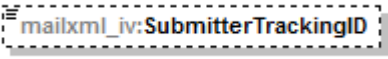
diagram																															
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv																														
type	mailxml_defs:participantIDType																														
properties	<table><tr><td>isRef</td><td>0</td></tr><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>complex</td></tr></table>	isRef	0	minOcc	0	maxOcc	1	content	complex																						
isRef	0																														
minOcc	0																														
maxOcc	1																														
content	complex																														
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>mailxml_defs:MailerID6</td><td>mailxml_base:mailerID6Type</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:MailerID9</td><td>mailxml_base:mailerID9Type</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:CRID</td><td>mailxml_base:CRIDType</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:SchedulerID</td><td>mailxml_base:s12</td><td></td><td></td><td></td><td></td></tr></tbody></table>	Name	Type	Use	Default	Fixed	annotation	mailxml_defs:MailerID6	mailxml_base:mailerID6Type					mailxml_defs:MailerID9	mailxml_base:mailerID9Type					mailxml_defs:CRID	mailxml_base:CRIDType					mailxml_defs:SchedulerID	mailxml_base:s12				
Name	Type	Use	Default	Fixed	annotation																										
mailxml_defs:MailerID6	mailxml_base:mailerID6Type																														
mailxml_defs:MailerID9	mailxml_base:mailerID9Type																														
mailxml_defs:CRID	mailxml_base:CRIDType																														
mailxml_defs:SchedulerID	mailxml_base:s12																														

	mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType
	mailxml_defs:ShippingAgentID	mailxml_base:s12
	mailxml_defs:ReceivingAgentID	mailxml_base:s12

#### element MPSVisQueryRequest/SubmittingSoftware

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:SoftwareName	xs:string	required			
	mailxml_defs:Vendor	xs:string	required			
	mailxml_defs:Version	xs:string	required			
	mailxml_defs:ApprovalDate	xs:date				
	mailxml_defs:ApprovalKey	xs:string				

#### element MPSVisQueryRequest/SubmitterTrackingID

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	mailxml_base:s20					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	simple				
facets	Kind	Value	annotation			
	minLength	1				
	maxLength	20				
	whiteSpace	preserve				

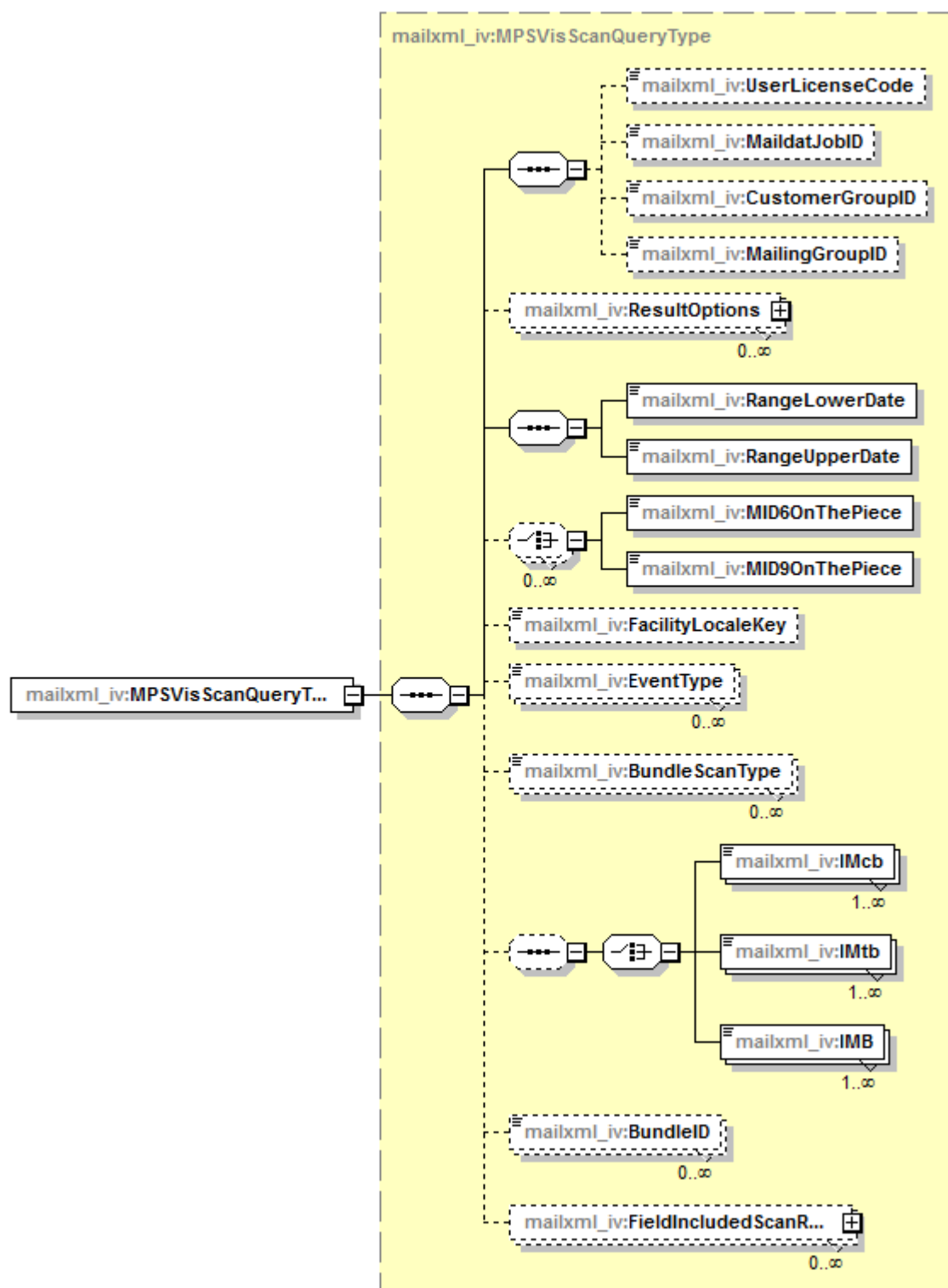


element **MPSVisQueryRequest/ManifestScanQuery**

diagram	<pre> classDiagram     class manifestScanQuery {     }     class ConsigneeManifestID {     }     manifestScanQuery ..&gt; ConsigneeManifestID     </pre>
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
type	<a href="#">mailxml_iv:manifestScanQueryType</a>
properties	isRef 0 content complex
children	<a href="#">mailxml_iv:ConsigneeManifestID</a>

element **MPSVisQueryRequest/MPSVisScanQueryType**

diagram

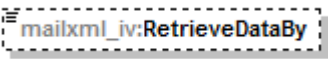


namespace [http://idealliance.org/Specs/mailxml23.0/mailxml\\_iv](http://idealliance.org/Specs/mailxml23.0/mailxml_iv)

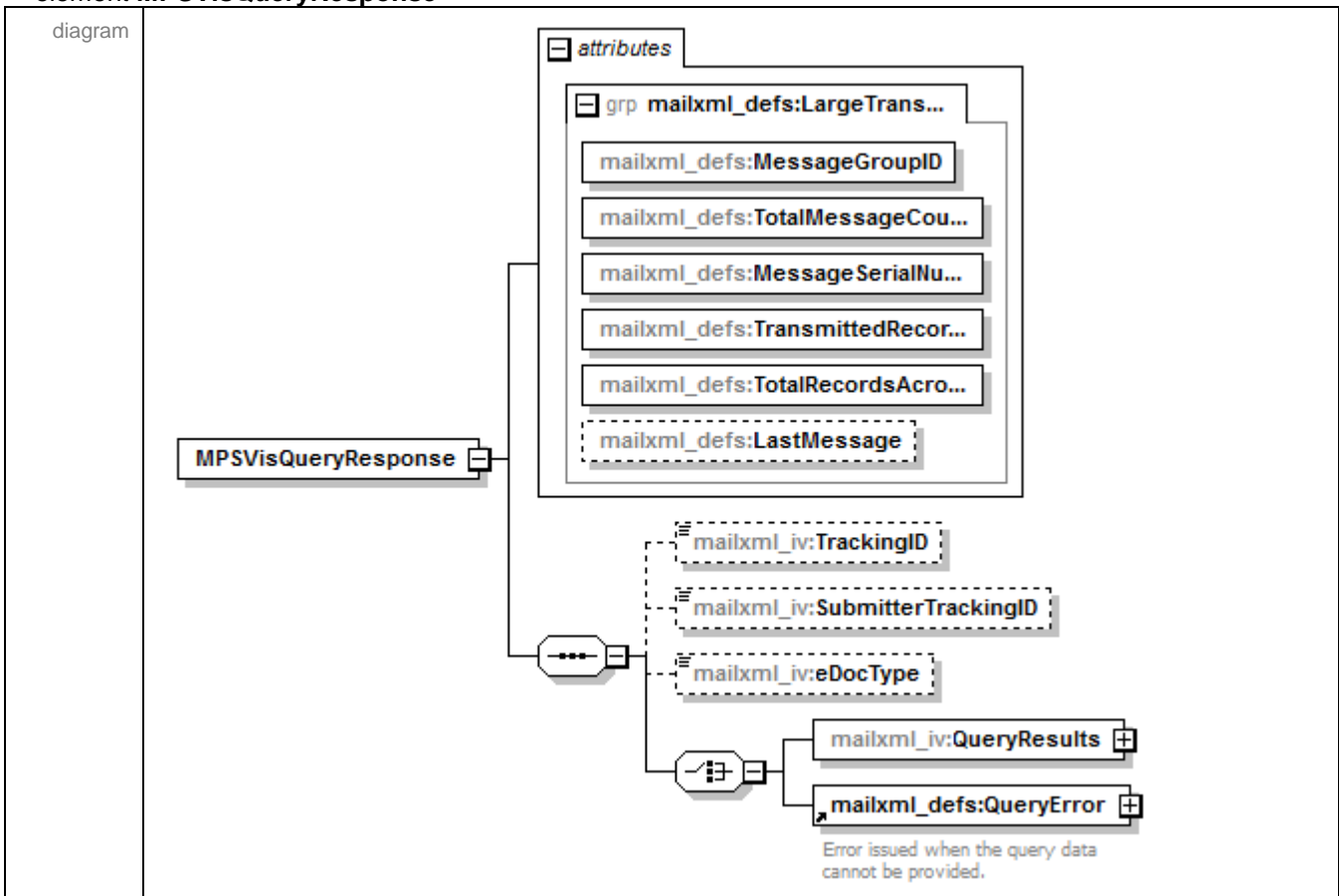
type [mailxml\\_iv:MPSVisScanQueryType](#)

properties	isRef 0 content complex
children	<a href="#">mailxml_iv:UserCode</a> <a href="#">mailxml_iv:MaildatJobID</a> <a href="#">mailxml_iv:CustomerGroupID</a> <a href="#">mailxml_iv:MailingGroupID</a> <a href="#">mailxml_iv:ResultOptions</a> <a href="#">mailxml_iv:RangeLowerDate</a> <a href="#">mailxml_iv:RangeUpperDate</a> <a href="#">mailxml_iv:MID6OnThePiece</a> <a href="#">mailxml_iv:MID9OnThePiece</a> <a href="#">mailxml_iv:FacilityLocaleKey</a> <a href="#">mailxml_iv:EventType</a> <a href="#">mailxml_iv:BundleScanType</a> <a href="#">mailxml_iv:IMcb</a> <a href="#">mailxml_iv:IMtb</a> <a href="#">mailxml_iv:IMB</a> <a href="#">mailxml_iv:BundleID</a> <a href="#">mailxml_iv:FieldIncludedScanRecFlag</a>

#### element **MPSVisQueryRequest/RetrieveDataBy**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:retrieveDataByType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation enumeration FS enumeration NFS enumeration Both

#### element **MPSVisQueryResponse**



namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
properties	content complex					
children	<a href="#">mailxml_iv:TrackingID</a> <a href="#">mailxml_iv:SubmitterTrackingID</a> <a href="#">mailxml_iv:eDocType</a> <a href="#">mailxml_iv:QueryResults</a> <a href="#">mailxml_defs:QueryError</a>					
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:MessageGroupID	<b>mailxml_base:s20</b>	required			
	mailxml_defs:TotalMessageCount	<b>xs:positiveInteger</b>	required			
	mailxml_defs:MessageSerialNumber	<b>xs:positiveInteger</b>	required			
	mailxml_defs:TransmittedRecordCount	<b>xs:positiveInteger</b>	required			
	mailxml_defs:TotalRecordsAcrossMessages	<b>xs:positiveInteger</b>	required			
	mailxml_defs:LastMessage	<b>mailxml_base:yesNo</b>	optional	No		

#### element MPSVisQueryResponse/TrackingID

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_base:s20</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	simple				
facets	Kind	Value	annotation			
	minLength	1				
	maxLength	20				
	whiteSpace	preserve				

#### element MPSVisQueryResponse/SubmitterTrackingID

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_base:s20</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	simple				
facets	Kind	Value	annotation			
	minLength	1				
	maxLength	20				
	whiteSpace	preserve				

#### element MPSVisQueryResponse/eDocType

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					

type	<a href="#">mailxml_iv:eDocTypeType</a>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	enumeration	101	
	enumeration	102	
	enumeration	103	
	enumeration	104	
	enumeration	105	
	enumeration	106	
	enumeration	107	
	enumeration	108	
	enumeration	109	
	enumeration	110	

#### element **MPSVisQueryResponse/QueryResults**

diagram			
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>		
properties	isRef	0	
	content	complex	
children	<a href="#">mailxml_defs:LargeTransactionDividerResult</a> <a href="#">mailxml_iv:ReturnInfo</a> <a href="#">mailxml_iv:IMbMailpieceScanData</a> <a href="#">mailxml_iv:ManifestScanEvent</a> <a href="#">mailxml_iv:UnManifestedScanEventDetail</a>		

element **MPSVisQueryResponse/QueryResults/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:basicReturnInfoType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content complex
children	<b>mailxml_defs:ReturnCode</b> <b>mailxml_defs:ReturnDescription</b> <b>mailxml_defs:errorWarning</b> <b>mailxml_defs:ContainerErrorWarningBlock</b>

element **MPSVisQueryResponse/QueryResults/ManifestScanEvent**

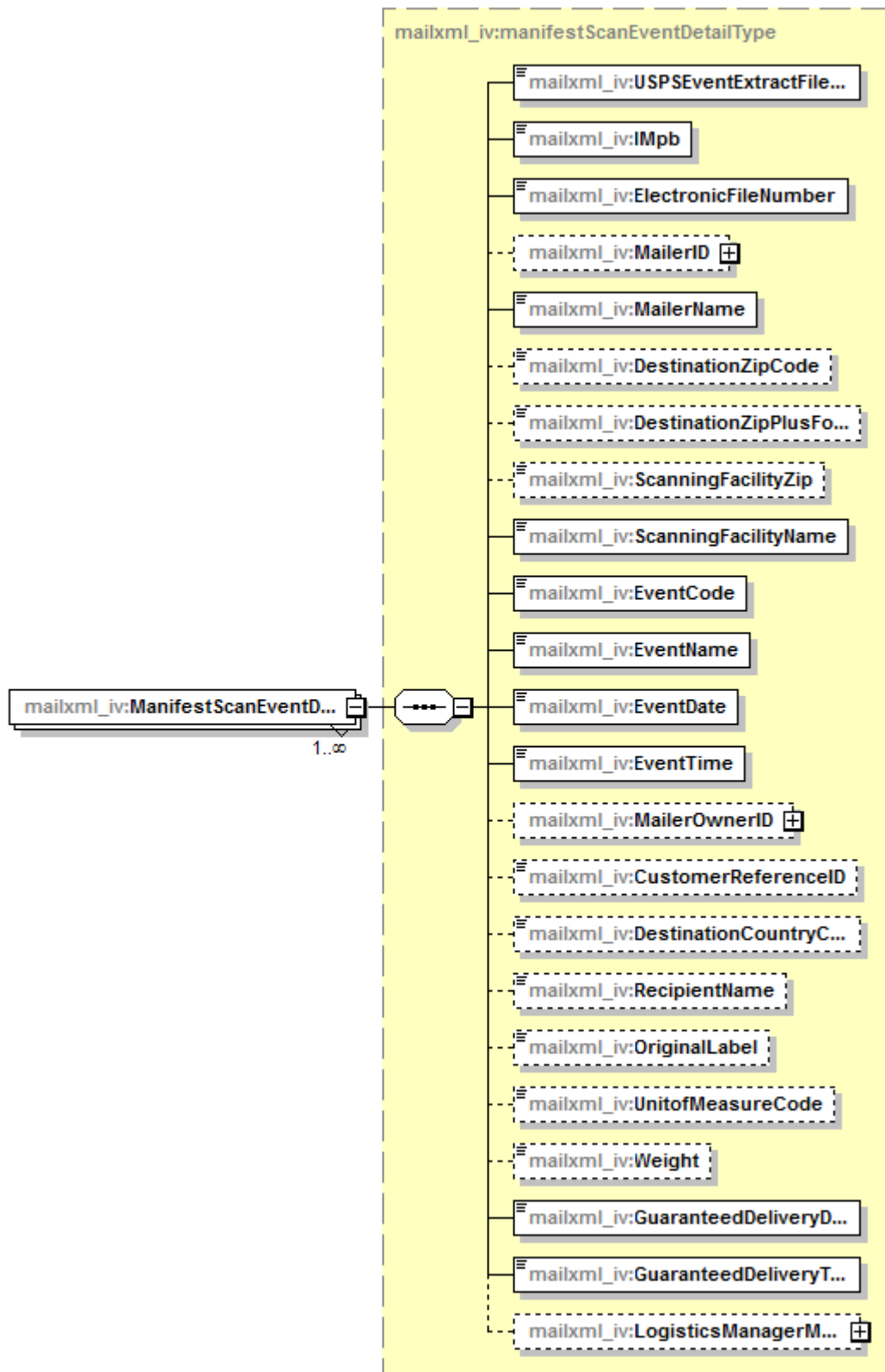
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
properties	isRef 0 content complex
children	<a href="#">mailxml_iv:ConsigneeManifestID</a> <a href="#">mailxml_iv:ManifestScanEventDetail</a>

element **MPSVisQueryResponse/QueryResults/ManifestScanEvent/ConsigneeManifestID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s22</b>
properties	isRef 0 content simple
facets	Kind Value annotation minLength 1 maxLength 22 whiteSpace preserve

element **MPSVisQueryResponse/QueryResults/ManifestScanEvent/ManifestScanEventDetail**

diagram

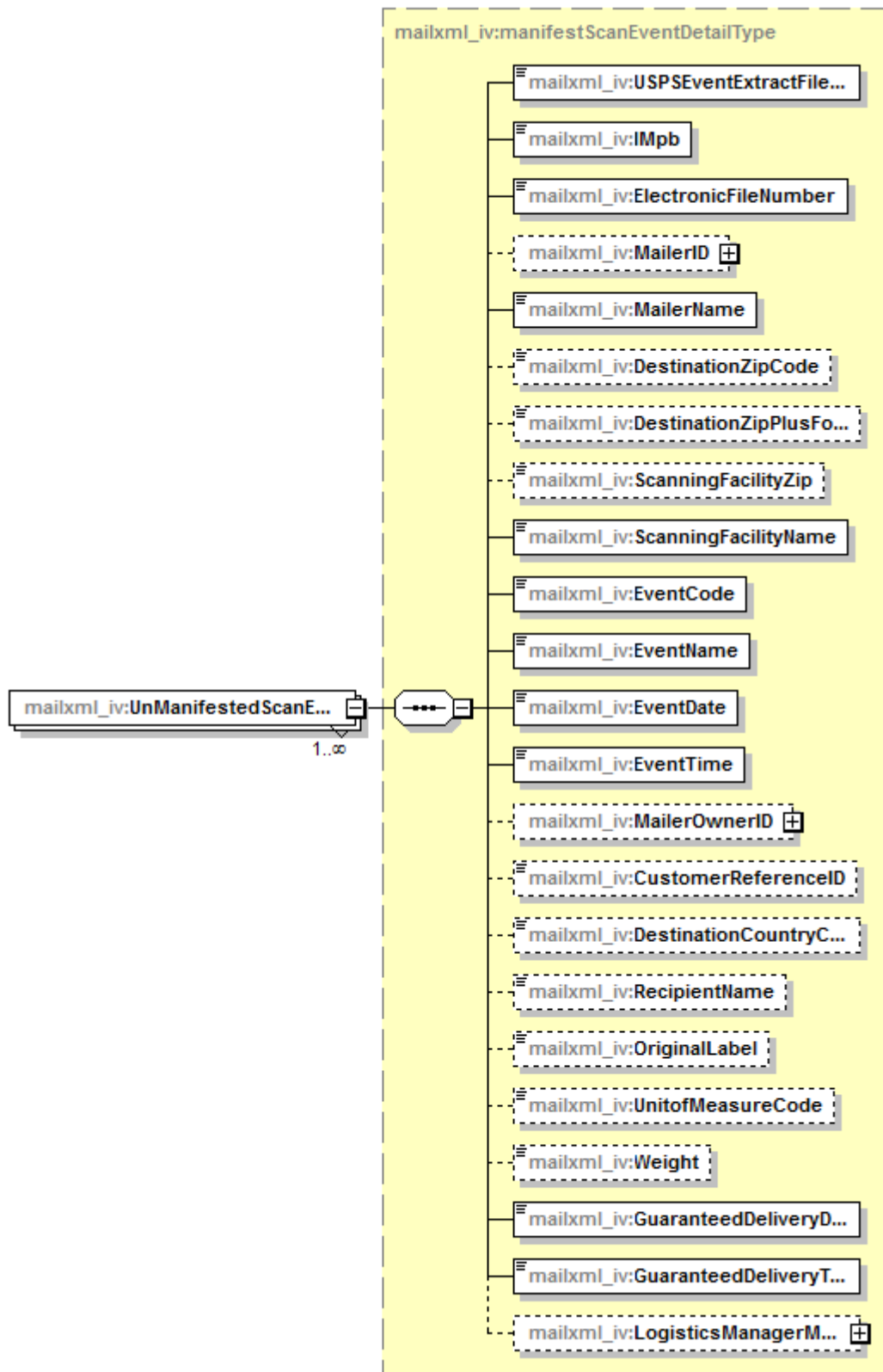


namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
type	<a href="#">mailxml iv:manifestScanEventDetailType</a>
properties	isRef 0 minOcc 1 maxOcc unbounded content complex
children	<a href="#">mailxml iv:USPSEventExtractFileVersionNumber</a> <a href="#">mailxml iv:IMpb</a> <a href="#">mailxml iv:ElectronicFileNumber</a> <a href="#">mailxml iv:MailerID</a> <a href="#">mailxml iv:MailerName</a> <a href="#">mailxml iv:DestinationZipCode</a> <a href="#">mailxml iv:DestinationZipPlusFour</a> <a href="#">mailxml iv:ScanningFacilityZip</a> <a href="#">mailxml iv:ScanningFacilityName</a> <a href="#">mailxml iv:EventCode</a> <a href="#">mailxml iv:EventName</a> <a href="#">mailxml iv:EventDate</a> <a href="#">mailxml iv:EventTime</a> <a href="#">mailxml iv:MailerOwnerID</a> <a href="#">mailxml iv:CustomerReferenceID</a> <a href="#">mailxml iv:DestinationCountryCode</a> <a href="#">mailxml iv:RecipientName</a> <a href="#">mailxml iv:OriginalLabel</a> <a href="#">mailxml iv:UnitofMeasureCode</a> <a href="#">mailxml iv:Weight</a> <a href="#">mailxml iv:GuaranteedDeliveryDate</a> <a href="#">mailxml iv:GuaranteedDeliveryTime</a> <a href="#">mailxml iv:LogisticsManagerMailerID</a>



element **MPSVisQueryResponse/QueryResults/UnManifestedScanEventDetail**

diagram

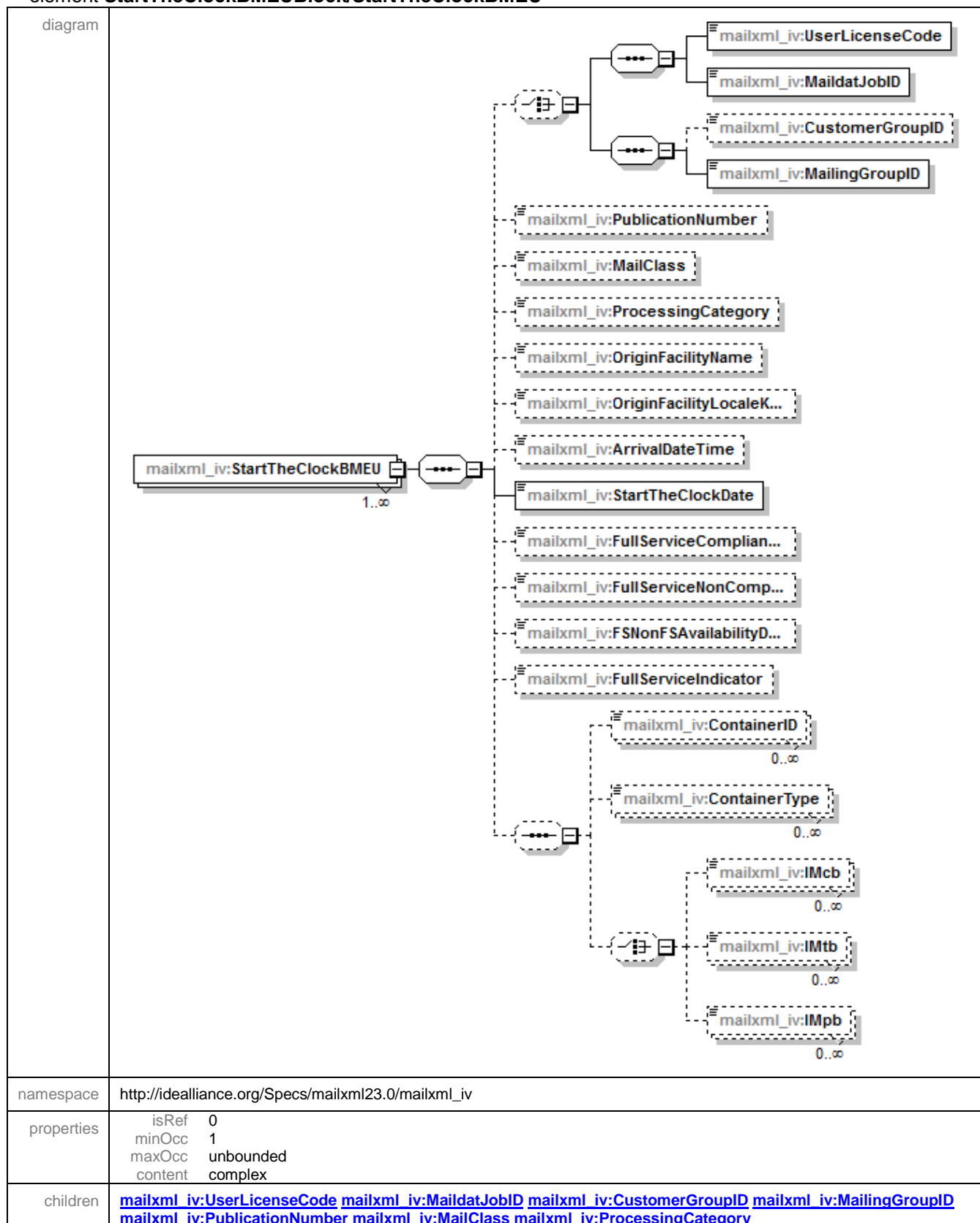


namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
type	<a href="#">mailxml iv:manifestScanEventDetailType</a>
properties	isRef 0 minOcc 1 maxOcc unbounded content complex
children	<a href="#">mailxml iv:USPSEventExtractFileVersionNumber</a> <a href="#">mailxml iv:IMpb</a> <a href="#">mailxml iv:ElectronicFileNumber</a> <a href="#">mailxml iv:MailerID</a> <a href="#">mailxml iv:MailerName</a> <a href="#">mailxml iv:DestinationZipCode</a> <a href="#">mailxml iv:DestinationZipPlusFour</a> <a href="#">mailxml iv:ScanningFacilityZip</a> <a href="#">mailxml iv:ScanningFacilityName</a> <a href="#">mailxml iv:EventCode</a> <a href="#">mailxml iv:EventName</a> <a href="#">mailxml iv:EventDate</a> <a href="#">mailxml iv:EventTime</a> <a href="#">mailxml iv:MailerOwnerID</a> <a href="#">mailxml iv:CustomerReferenceID</a> <a href="#">mailxml iv:DestinationCountryCode</a> <a href="#">mailxml iv:RecipientName</a> <a href="#">mailxml iv:OriginalLabel</a> <a href="#">mailxml iv:UnitofMeasureCode</a> <a href="#">mailxml iv:Weight</a> <a href="#">mailxml iv:GuaranteedDeliveryDate</a> <a href="#">mailxml iv:GuaranteedDeliveryTime</a> <a href="#">mailxml iv:LogisticsManagerMailerID</a>

#### element **StartTheClockBMEUBlock**

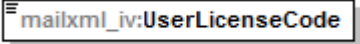
diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
properties	content complex
children	<a href="#">mailxml iv:StartTheClockBMEU</a>
used by	complexType <a href="#">clockStartedType</a>

element **StartTheClockBMEUBlock/StartTheClockBMEU**

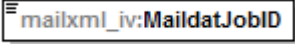


	<a href="#">mailxml_iv:OriginFacilityName</a> <a href="#">mailxml_iv:OriginFacilityLocaleKey</a> <a href="#">mailxml_iv:ArrivalDateTime</a> <a href="#">mailxml_iv:StartTheClockDate</a> <a href="#">mailxml_iv:FullServiceComplianceIndicator</a> <a href="#">mailxml_iv:FullServiceNonComplianceReasonCode</a> <a href="#">mailxml_iv:FSNonFSAvailabilityDate</a> <a href="#">mailxml_iv:FullServiceIndicator</a> <a href="#">mailxml_iv:ContainerID</a> <a href="#">mailxml_iv:ContainerType</a> <a href="#">mailxml_iv:IMcb</a> <a href="#">mailxml_iv:IMtb</a> <a href="#">mailxml_iv:IMpb</a>
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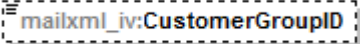
element **StartTheClockBMEUBlock/StartTheClockBMEU/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:userLicenseCodeType</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	


element **StartTheClockBMEUBlock/StartTheClockBMEU/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:jobIDType</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

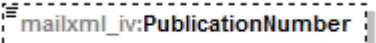
element **StartTheClockBMEUBlock/StartTheClockBMEU/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s25</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

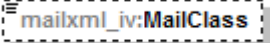
element **StartTheClockBMEUBlock/StartTheClockBMEU/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:nonNegativeInteger</b>
properties	<div>isRef 0</div> <div>content simple</div>

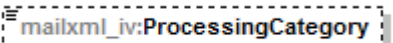
element **StartTheClockBMEUBlock/StartTheClockBMEU/PublicationNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s08</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 1</div> <div>maxLength 8</div> <div>whiteSpace preserve</div>

element **StartTheClockBMEUBlock/StartTheClockBMEU/MailClass**


diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:mailClassType</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>enumeration 1</div> <div>enumeration 2</div> <div>enumeration 3</div> <div>enumeration 4</div> <div>enumeration 6</div>

element **StartTheClockBMEUBlock/StartTheClockBMEU/ProcessingCategory**

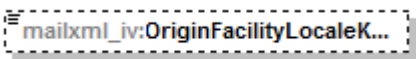
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:processingCategoryType</b>

properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	<div>Kind Value annotation</div> <div>enumeration LT</div> <div>enumeration FL</div> <div>enumeration CD</div> <div>enumeration OS</div> <div>enumeration MP</div> <div>enumeration IR</div> <div>enumeration PF</div> <div>enumeration CM</div> <div>enumeration NP</div> <div>enumeration SP</div> <div>enumeration MB</div>

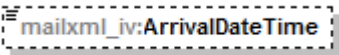
element **StartTheClockBMEUBlock/StartTheClockBMEU/OriginFacilityName**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s50</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	<div>Kind Value annotation</div> <div>minLength 1</div> <div>maxLength 50</div> <div>whiteSpace preserve</div>


element **StartTheClockBMEUBlock/StartTheClockBMEU/OriginFacilityLocaleKey**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:localeKeyType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	<div>Kind Value annotation</div> <div>minLength 1</div> <div>maxLength 9</div> <div>whiteSpace preserve</div>

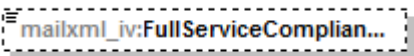
element **StartTheClockBMEUBlock/StartTheClockBMEU/ArrivalDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:dateTime</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple

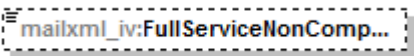
element **StartTheClockBMEUBlock/StartTheClockBMEU/StartTheClockDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	isRef 0 content simple

element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceComplianceIndicator**


diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:fullServiceComplianceIndicatorType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation enumeration Yes enumeration No

element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceNonComplianceReasonCode**

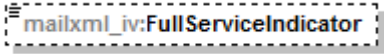
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:reasonCodeType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation enumeration A enumeration B enumeration D enumeration E

	enumeration	I
	enumeration	L
	enumeration	M
	enumeration	N
	enumeration	P
	enumeration	Q
	enumeration	R
	enumeration	S
	enumeration	U
	enumeration	V
	enumeration	X


element **StartTheClockBMEUBlock/StartTheClockBMEU/FSNonFSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple

element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceIndicator**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:yesNo</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation enumeration Yes enumeration No


element **StartTheClockBMEUBlock/StartTheClockBMEU/ContainerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s06</b>
properties	isRef 0 minOcc 0 maxOcc unbounded content simple



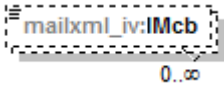
facets	Kind	Value	annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	

element **StartTheClockBMEUBlock/StartTheClockBMEU/ContainerType**

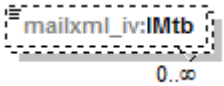
diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:mailXMLContainerType</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	E	
	enumeration	F	
	enumeration	L	
	enumeration	O	
	enumeration	P	
	enumeration	S	
	enumeration	T	
	enumeration	V	
	enumeration	B	
	enumeration	U	
	enumeration	Z	
	enumeration	X	
	enumeration	H	
	enumeration	A	
	enumeration	G	
	enumeration	D	

	enumeration	R
	enumeration	C
	enumeration	CT
	enumeration	M
	enumeration	AB
	enumeration	Y

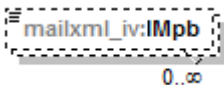
element **StartTheClockBMEUBlock/StartTheClockBMEU/IMcb**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:IMcbType</b>
properties	isRef 0 minOcc 0 maxOcc unbounded content simple
facets	Kind Value annotation minLength 21 maxLength 24

element **StartTheClockBMEUBlock/StartTheClockBMEU/IMtb**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:IMtbType</b>
properties	isRef 0 minOcc 0 maxOcc unbounded content simple
facets	Kind Value annotation minLength 24 maxLength 24

element **StartTheClockBMEUBlock/StartTheClockBMEU/IMpb**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:IMpbType</b>
properties	isRef 0 minOcc 0 maxOcc unbounded content simple

facets	Kind	Value	annotation
	minLength	21	
	maxLength	34	

### element **StartTheClockDelivery**

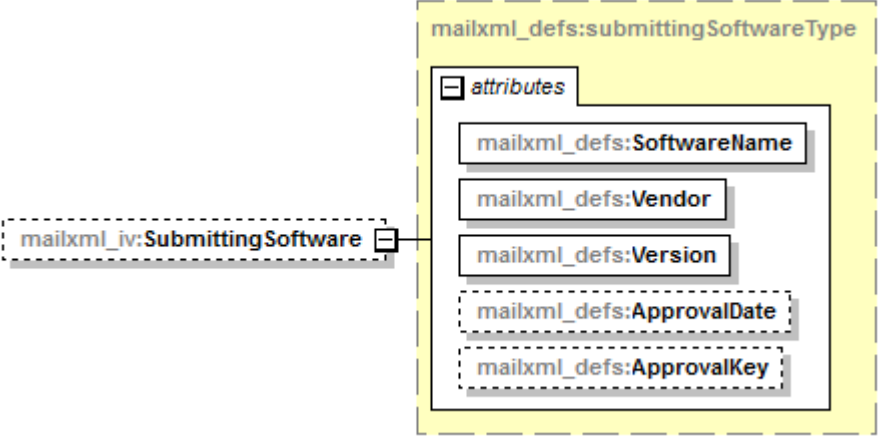
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
properties	content complex
children	<a href="#">mailxml_iv:SubmittingParty</a> <a href="#">mailxml_iv:SubmittingSoftware</a> <a href="#">mailxml_defs:DataRecipient</a> <a href="#">mailxml_iv:PushMessageID</a> <a href="#">mailxml_iv:ClockStarted</a>
annotation	documentation Delivery of start the clock information to customer by USPS.

### element **StartTheClockDelivery/SubmittingParty**

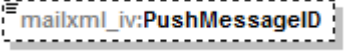
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:participantIDType</b>
properties	isRef 0 minOcc 0 maxOcc 1

	content	complex					
attributes	Name	Type	Use	Default	Fixed	annotation	
	mailxml_defs:MailerID6	mailxml_base:mailerID6Type					
	mailxml_defs:MailerID9	mailxml_base:mailerID9Type					
	mailxml_defs:CRID	mailxml_base:CRIDType					
	mailxml_defs:SchedulerID	mailxml_base:s12					
	mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType					
	mailxml_defs:ShippingAgentID	mailxml_base:s12					
	mailxml_defs:ReceivingAgentID	mailxml_base:s12					

#### element **StartTheClockDelivery/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:SoftwareName	xs:string	required			
	mailxml_defs:Vendor	xs:string	required			
	mailxml_defs:Version	xs:string	required			
	mailxml_defs:ApprovalDate	xs:date				
	mailxml_defs:ApprovalKey	xs:string				

#### element **StartTheClockDelivery/PushMessageID**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	mailxml_base:s25					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				

	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

element **StartTheClockDelivery/ClockStarted**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
type	<a href="#">mailxml_iv:clockStartedType</a>
properties	isRef 0 content complex
children	<a href="#">mailxml_iv:StartTheClockBMEUBlock</a> <a href="#">mailxml_iv:StartTheClockDropShipOrOriginBlock</a> <a href="#">mailxml_iv:StartTheClockPlantLoadBlock</a>

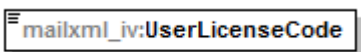
element **StartTheClockDropShipOrOrigin**

diagram

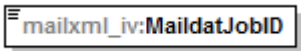


namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
properties	content complex
children	<a href="#">mailxml_iv:UserLicenseCode</a> <a href="#">mailxml_iv:MaildatJobID</a> <a href="#">mailxml_iv:CustomerGroupID</a> <a href="#">mailxml_iv:MailingGroupID</a> <a href="#">mailxml_iv:ConsigneeApptID</a> <a href="#">mailxml_iv:CSADispatchNumber</a> <a href="#">mailxml_iv:PublicationNumber</a> <a href="#">mailxml_iv:MailClass</a> <a href="#">mailxml_iv:ProcessingCategory</a> <a href="#">mailxml_iv:DropShipYesNo</a> <a href="#">mailxml_iv:UspsFacilityName</a> <a href="#">mailxml_iv:UspsFacilityLocaleKey</a> <a href="#">mailxml_iv:City</a> <a href="#">mailxml_iv:State</a> <a href="#">mailxml_iv:ApptDateTime</a> <a href="#">mailxml_iv:ArrivalDateTime</a> <a href="#">mailxml_iv:UnloadStartDateTime</a> <a href="#">mailxml_iv:UnloadEndDateTime</a> <a href="#">mailxml_iv:ApptStatus</a> <a href="#">mailxml_iv:StartTheClockDate</a> <a href="#">mailxml_iv:FullServiceComplianceIndicator</a> <a href="#">mailxml_iv:FullServiceNonComplianceReasonCode</a> <a href="#">mailxml_iv:FSNonFSAvailabilityDate</a> <a href="#">mailxml_iv:FullServiceIndicator</a> <a href="#">mailxml_iv:ContainerID</a> <a href="#">mailxml_iv:ContainerType</a> <a href="#">mailxml_iv:IMcb</a> <a href="#">mailxml_iv:IMtb</a> <a href="#">mailxml_iv:IMpb</a>
used by	element <a href="#">clockStartedType/StartTheClockDropShipOrOriginBlock</a>

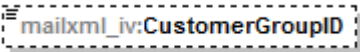
#### element **StartTheClockDropShipOrOrigin/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	mailxml_base:userLicenseCodeType		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

#### element **StartTheClockDropShipOrOrigin/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	mailxml_base:jobIDType		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	


#### element **StartTheClockDropShipOrOrigin/CustomerGroupID**

diagram							
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv						
type	<b>mailxml_base:s25</b>						
properties	<table> <tr> <td>isRef</td><td>0</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>	isRef	0	minOcc	0	maxOcc	1
isRef	0						
minOcc	0						
maxOcc	1						

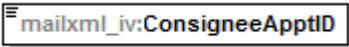


	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

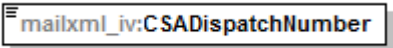
element **StartTheClockDropShipOrOrigin/MailingGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>xs:nonNegativeInteger</b>		
properties	isRef	0	content simple

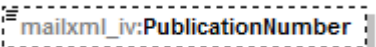
element **StartTheClockDropShipOrOrigin/ConsigneeApptID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s10</b>		
properties	isRef	0	content simple
facets	Kind	Value	annotation
	minLength	1	
	maxLength	10	
	whiteSpace	preserve	

element **StartTheClockDropShipOrOrigin/CSADispatchNumber**

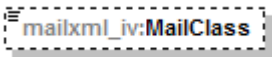
diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s10</b>		
properties	isRef	0	content simple
facets	Kind	Value	annotation
	minLength	1	
	maxLength	10	
	whiteSpace	preserve	

element **StartTheClockDropShipOrOrigin/PublicationNumber**

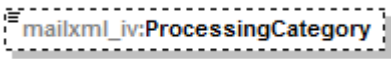
diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		

type	<b>mailxml_base:s08</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	


#### element **StartTheClockDropShipOrOrigin/MailClass**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:mailClassType</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	


#### element **StartTheClockDropShipOrOrigin/ProcessingCategory**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:processingCategoryType</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	enumeration	LT	
	enumeration	FL	
	enumeration	CD	
	enumeration	OS	
	enumeration	MP	
	enumeration	IR	
	enumeration	PF	
	enumeration	CM	
	enumeration	NP	
	enumeration	SP	
	enumeration	MB	

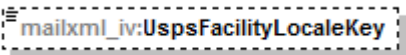
element **StartTheClockDropShipOrOrigin/DropShipYesNo**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:yesNo</b>
properties	isRef 0 content simple
facets	Kind Value annotation enumeration Yes enumeration No

element **StartTheClockDropShipOrOrigin/UspsFacilityName**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s50</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation minLength 1 maxLength 50 whiteSpace preserve

element **StartTheClockDropShipOrOrigin/UspsFacilityLocaleKey**


diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:localeKeyType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation minLength 1 maxLength 9 whiteSpace preserve

element **StartTheClockDropShipOrOrigin/City**

diagram	
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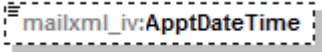
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s45</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	45	
	whiteSpace	preserve	

#### element **StartTheClockDropShipOrOrigin/State**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:stateCode</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
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 **StartTheClockDropShipOrOrigin/ApptDateTime**

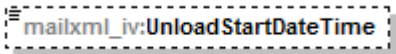
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:dateTime</b>
properties	<div>isRef</div> <div>minOcc</div> <div>maxOcc</div> <div>0</div> <div>0</div> <div>1</div>

	content	simple
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element **StartTheClockDropShipOrOrigin/ArrivalDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:dateTime</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple

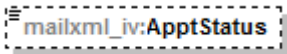
element **StartTheClockDropShipOrOrigin/UnloadStartDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:dateTime</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple

element **StartTheClockDropShipOrOrigin/UnloadEndDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:dateTime</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple

element **StartTheClockDropShipOrOrigin/ApptStatus**

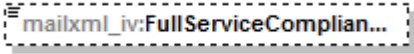
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:apptStatusType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation enumeration Open enumeration Closed

	enumeration	No Show
	enumeration	Unscheduled
	enumeration	Rejected

element **StartTheClockDropShipOrOrigin/StartTheClockDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple

element **StartTheClockDropShipOrOrigin/FullServiceComplianceIndicator**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:fullServiceComplianceIndicatorType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation enumeration Yes enumeration No

element **StartTheClockDropShipOrOrigin/FullServiceNonComplianceReasonCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:reasonCodeType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation enumeration A enumeration B enumeration D enumeration E enumeration I enumeration L enumeration M enumeration N

	enumeration	P
	enumeration	Q
	enumeration	R
	enumeration	S
	enumeration	U
	enumeration	V
	enumeration	X


element **StartTheClockDropShipOrOrigin/FSNonFSAvailabilityDate**

diagram									
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv								
type	<b>xs:date</b>								
properties	<table> <tr><td>isRef</td><td>0</td></tr> <tr><td>minOcc</td><td>0</td></tr> <tr><td>maxOcc</td><td>1</td></tr> <tr><td>content</td><td>simple</td></tr> </table>	isRef	0	minOcc	0	maxOcc	1	content	simple
isRef	0								
minOcc	0								
maxOcc	1								
content	simple								

element **StartTheClockDropShipOrOrigin/FullServiceIndicator**

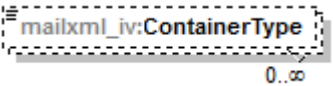
diagram										
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv									
type	<b>mailxml_base:yesNo</b>									
properties	<table><tr><td>isRef</td><td>0</td></tr><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	isRef	0	minOcc	0	maxOcc	1	content	simple	
isRef	0									
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>Yes</td><td></td></tr><tr><td>enumeration</td><td>No</td><td></td></tr></table>	Kind	Value	annotation	enumeration	Yes		enumeration	No	
Kind	Value	annotation								
enumeration	Yes									
enumeration	No									

element **StartTheClockDropShipOrOrigin/ContainerID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	mailxml_base:s06		
properties	isRef	0	
	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	

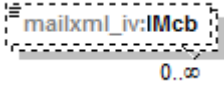


element **StartTheClockDropShipOrOrigin/ContainerType**

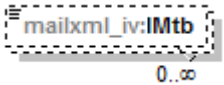
diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:mailXMLContainerType</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	E	
	enumeration	F	
	enumeration	L	
	enumeration	O	
	enumeration	P	
	enumeration	S	
	enumeration	T	
	enumeration	V	
	enumeration	B	
	enumeration	U	
	enumeration	Z	
	enumeration	X	
	enumeration	H	
	enumeration	A	
	enumeration	G	
	enumeration	D	
	enumeration	R	
	enumeration	C	
	enumeration	CT	
	enumeration	M	

	enumeration AB
	enumeration Y

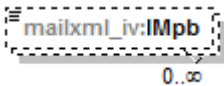
element **StartTheClockDropShipOrOrigin/IMcb**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:IMcbType</b>
properties	isRef 0 minOcc 0 maxOcc unbounded content simple
facets	Kind Value annotation minLength 21 maxLength 24

element **StartTheClockDropShipOrOrigin/IMtb**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:IMtbType</b>
properties	isRef 0 minOcc 0 maxOcc unbounded content simple
facets	Kind Value annotation minLength 24 maxLength 24

element **StartTheClockDropShipOrOrigin/IMpb**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:IMpbType</b>
properties	isRef 0 minOcc 0 maxOcc unbounded content simple
facets	Kind Value annotation minLength 21 maxLength 34

## element StartTheClockNotification

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
properties	content complex
children	<a href="#">mailxml_iv:SubmittingParty</a> <a href="#">mailxml_iv:SubmittingSoftware</a> <a href="#">mailxml_defs:DataRecipient</a> <a href="#">mailxml_iv:PushMessageID</a> <a href="#">mailxml_iv:UserLicenseCode</a> <a href="#">mailxml_iv:MaildatJobID</a> <a href="#">mailxml_iv:CustomerGroupID</a> <a href="#">mailxml_iv:MailingGroupID</a> <a href="#">mailxml_iv:FSNonFSAvailabilityDate</a> <a href="#">mailxml_iv:NotificationDate</a>
annotation	documentation Notification from USPS that start the clock information is ready to be picked up.

## element StartTheClockNotification/SubmittingParty

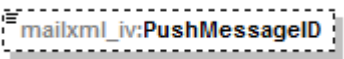
diagram	
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namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_defs:participantIDType</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:MailerID6	<b>mailxml_base:mailerID6Type</b>				
	mailxml_defs:MailerID9	<b>mailxml_base:mailerID9Type</b>				
	mailxml_defs:CRID	<b>mailxml_base:CRIDType</b>				
	mailxml_defs:SchedulerID	<b>mailxml_base:s12</b>				
	mailxml_defs:MaildatUserLicense	<b>mailxml_base:userLicenseCodeType</b>				
	mailxml_defs:ShippingAgentID	<b>mailxml_base:s12</b>				
	mailxml_defs:ReceivingAgentID	<b>mailxml_base:s12</b>				

#### element **StartTheClockNotification/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_defs:submittingSoftwareType</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:SoftwareName	<b>xs:string</b>	required			
	mailxml_defs:Vendor	<b>xs:string</b>	required			
	mailxml_defs:Version	<b>xs:string</b>	required			
	mailxml_defs:ApprovalDate	<b>xs:date</b>				
	mailxml_defs:ApprovalKey	<b>xs:string</b>				

#### element **StartTheClockNotification/PushMessageID**

diagram	
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namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s25</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

#### element **StartTheClockNotification/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:userLicenseCodeType</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

#### element **StartTheClockNotification/MaildatJobID**


diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:jobIDType</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

#### element **StartTheClockNotification/CustomerGroupID**


diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s25</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	

facets	Kind	Value	annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

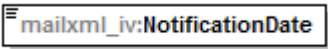
#### element **StartTheClockNotification/MailingGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>xs:nonNegativeInteger</b>		
properties	isRef	0	
	content	simple	

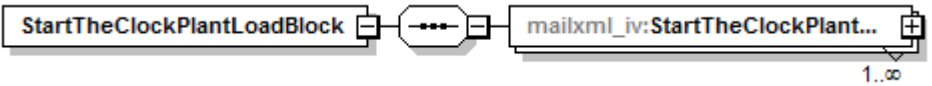
#### element **StartTheClockNotification/FSNonFSAvailabilityDate**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>xs:date</b>		
properties	isRef	0	
	content	simple	

#### element **StartTheClockNotification/NotificationDate**

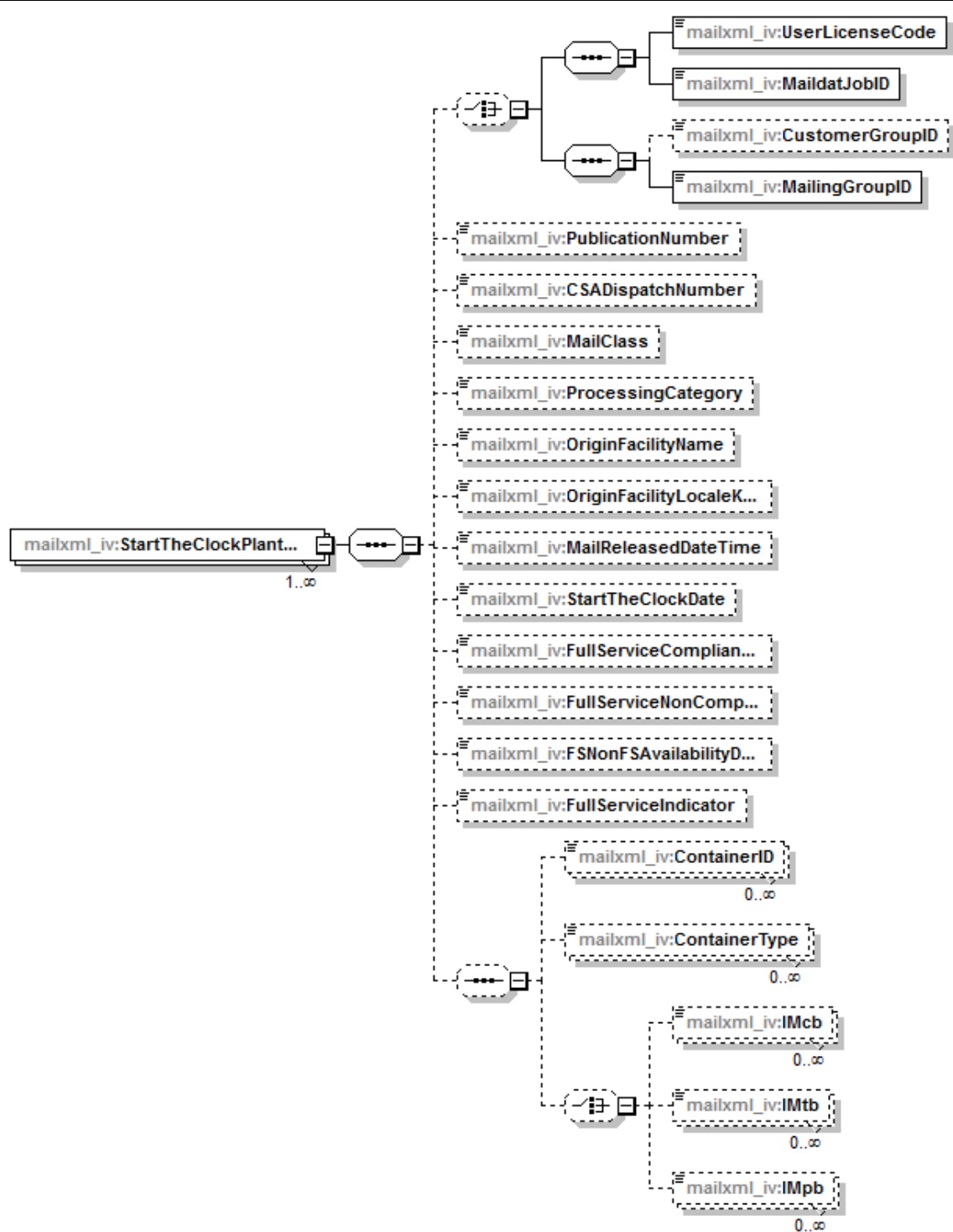
diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>xs:date</b>		
properties	isRef	0	
	content	simple	

#### element **StartTheClockPlantLoadBlock**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
properties	content	complex	
children	<a href="#">mailxml_iv:StartTheClockPlantLoad</a>		
used by	complexType	<a href="#">clockStartedType</a>	

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad**

diagram




namespace [http://idealliance.org/Specs/mailxml23.0/mailxml\\_iv](http://idealliance.org/Specs/mailxml23.0/mailxml_iv)

properties


isRef	0
minOcc	1
maxOcc	unbounded
content	complex

children	<a href="#">mailxml_iv:UserCode</a> <a href="#">mailxml_iv:MaildatJobID</a> <a href="#">mailxml_iv:CustomerGroupID</a> <a href="#">mailxml_iv:MailingGroupID</a> <a href="#">mailxml_iv:PublicationNumber</a> <a href="#">mailxml_iv:CSADispatchNumber</a> <a href="#">mailxml_iv:MailClass</a> <a href="#">mailxml_iv:ProcessingCategory</a> <a href="#">mailxml_iv:OriginFacilityName</a> <a href="#">mailxml_iv:OriginFacilityLocaleKey</a> <a href="#">mailxml_iv:MailReleasedDateTime</a> <a href="#">mailxml_iv:StartTheClockDate</a> <a href="#">mailxml_iv:FullServiceComplianceIndicator</a> <a href="#">mailxml_iv:FullServiceNonComplianceReasonCode</a> <a href="#">mailxml_iv:FSNonFSAvailabilityDate</a> <a href="#">mailxml_iv:FullServiceIndicator</a> <a href="#">mailxml_iv:ContainerID</a> <a href="#">mailxml_iv:ContainerType</a> <a href="#">mailxml_iv:IMcb</a> <a href="#">mailxml_iv:IMtb</a> <a href="#">mailxml_iv:IMpb</a>
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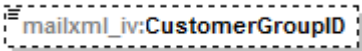
#### element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	mailxml_base:userLicenseCodeType		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

#### element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MaildatJobID**

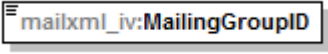
diagram													
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv												
type	<b>mailxml_base:jobIDType</b>												
properties	<table><tr><td>isRef</td><td>0</td></tr><tr><td>content</td><td>simple</td></tr></table>	isRef	0	content	simple								
isRef	0												
content	simple												
facets	<table><tr><th>Kind</th><th>Value</th><th>annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>8</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	annotation	minLength	1		maxLength	8		whiteSpace	preserve	
Kind	Value	annotation											
minLength	1												
maxLength	8												
whiteSpace	preserve												

#### element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/CustomerGroupID**

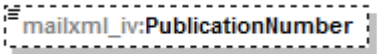
diagram													
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv												
type	mailxml_base:s25												
properties	<table><tr><td>isRef</td><td>0</td></tr><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	isRef	0	minOcc	0	maxOcc	1	content	simple				
isRef	0												
minOcc	0												
maxOcc	1												
content	simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>25</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	annotation	minLength	1		maxLength	25		whiteSpace	preserve	
Kind	Value	annotation											
minLength	1												
maxLength	25												
whiteSpace	preserve												



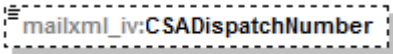
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:nonNegativeInteger</b>
properties	isRef 0 content simple

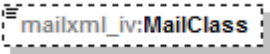
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/PublicationNumber**

diagram			
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>		
type	mailxml_base:s08		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/CSADispatchNumber**

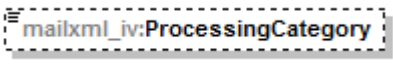
diagram													
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv												
type	mailxml_base:s10												
properties	<table><tr><td>isRef</td><td>0</td></tr><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	isRef	0	minOcc	0	maxOcc	1	content	simple				
isRef	0												
minOcc	0												
maxOcc	1												
content	simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>10</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	annotation	minLength	1		maxLength	10		whiteSpace	preserve	
Kind	Value	annotation											
minLength	1												
maxLength	10												
whiteSpace	preserve												

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailClass**


diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:mailClassType</b>

properties	isRef 0 minOcc 0 maxOcc 1 content simple																		
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr><tr><td>enumeration</td><td>4</td><td></td></tr><tr><td>enumeration</td><td>6</td><td></td></tr></table>	Kind	Value	annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	6	
Kind	Value	annotation																	
enumeration	1																		
enumeration	2																		
enumeration	3																		
enumeration	4																		
enumeration	6																		

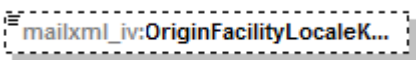
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ProcessingCategory**

diagram																																					
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv																																				
type	mailxml_base:processingCategoryType																																				
properties	isRef 0 minOcc 0 maxOcc 1 content simple																																				
facets	<table><tr><th>Kind</th><th>Value</th><th>annotation</th></tr><tr><td>enumeration</td><td>LT</td><td></td></tr><tr><td>enumeration</td><td>FL</td><td></td></tr><tr><td>enumeration</td><td>CD</td><td></td></tr><tr><td>enumeration</td><td>OS</td><td></td></tr><tr><td>enumeration</td><td>MP</td><td></td></tr><tr><td>enumeration</td><td>IR</td><td></td></tr><tr><td>enumeration</td><td>PF</td><td></td></tr><tr><td>enumeration</td><td>CM</td><td></td></tr><tr><td>enumeration</td><td>NP</td><td></td></tr><tr><td>enumeration</td><td>SP</td><td></td></tr><tr><td>enumeration</td><td>MB</td><td></td></tr></table>	Kind	Value	annotation	enumeration	LT		enumeration	FL		enumeration	CD		enumeration	OS		enumeration	MP		enumeration	IR		enumeration	PF		enumeration	CM		enumeration	NP		enumeration	SP		enumeration	MB	
Kind	Value	annotation																																			
enumeration	LT																																				
enumeration	FL																																				
enumeration	CD																																				
enumeration	OS																																				
enumeration	MP																																				
enumeration	IR																																				
enumeration	PF																																				
enumeration	CM																																				
enumeration	NP																																				
enumeration	SP																																				
enumeration	MB																																				


element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/OriginFacilityName**

diagram													
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv												
type	mailxml_base:s50												
properties	<table><tr><td>isRef</td><td>0</td></tr><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	isRef	0	minOcc	0	maxOcc	1	content	simple				
isRef	0												
minOcc	0												
maxOcc	1												
content	simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>50</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	annotation	minLength	1		maxLength	50		whiteSpace	preserve	
Kind	Value	annotation											
minLength	1												
maxLength	50												
whiteSpace	preserve												


element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/OriginFacilityLocaleKey**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:localeKeyType</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	9	
	whiteSpace	preserve	

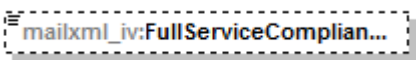
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailReleasedDateTime**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>xs:dateTime</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/StartTheClockDate**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>xs:date</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceComplianceIndicator**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_defs:fullServiceComplianceIndicatorType</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation


	enumeration	Yes
	enumeration	No

element

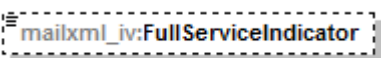
### StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceNonComplianceReasonCode

diagram		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv	
type	mailxml_defs:reasonCodeType	
properties	isRef	0
	minOcc	0
	maxOcc	1
	content	simple
facets	Kind	Value annotation
	enumeration	A
	enumeration	B
	enumeration	D
	enumeration	E
	enumeration	I
	enumeration	L
	enumeration	M
	enumeration	N
	enumeration	P
	enumeration	Q
	enumeration	R
	enumeration	S
	enumeration	U
	enumeration	V
	enumeration	X

element StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FSNonFSAvailabilityDate


diagram		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv	
type	xs:date	
properties	isRef	0
	minOcc	0
	maxOcc	1
	content	simple

element StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceIndicator

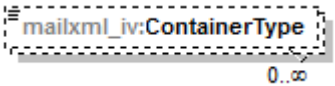
diagram		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv	

type	<b>mailxml_base:yesNo</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	enumeration	Yes	
	enumeration	No	

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ContainerID**

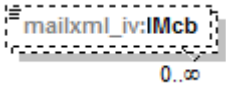
diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s06</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ContainerType**

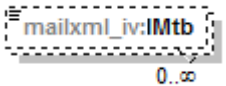
diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:mailXMLContainerType</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	10	
	enumeration	11	
	enumeration	12	

	enumeration	13
	enumeration	14
	enumeration	E
	enumeration	F
	enumeration	L
	enumeration	O
	enumeration	P
	enumeration	S
	enumeration	T
	enumeration	V
	enumeration	B
	enumeration	U
	enumeration	Z
	enumeration	X
	enumeration	H
	enumeration	A
	enumeration	G
	enumeration	D
	enumeration	R
	enumeration	C
	enumeration	CT
	enumeration	M
	enumeration	AB
	enumeration	Y

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMcb**

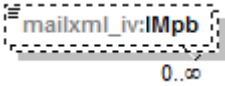
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:IMcbType</b>
properties	isRef 0 minOcc 0 maxOcc unbounded content simple
facets	Kind Value annotation minLength 21 maxLength 24

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMtb**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv

type	<b>mailxml_base:IMtbType</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	minLength	24	
	maxLength	24	

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMpb**

diagram			
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>		
type	<b>mailxml_base:IMpbType</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	minLength	21	
	maxLength	34	

# element **StartTheClockQueryRequest**

diagram	<p><b>StartTheClockQueryRequest</b></p> <p>Query request for start the clock information.</p> <p>mailxml_iv:SubmittingParty (optional)</p> <p>mailxml_iv:SubmittingSoftware (optional)</p> <p>mailxml_iv:SubmitterTrackingID (optional)</p> <p>mailxml_iv:ConsigneeApptID</p> <p>mailxml_iv:CSADispatchNumber</p> <p>mailxml_iv:UserLicenseCode</p> <p>mailxml_iv:MaidatJobID</p> <p>mailxml_iv:CustomerGroupID</p> <p>mailxml_iv:MailingGroupID</p> <p>mailxml_iv:CustomerAccount (optional)</p> <p>mailxml_iv:LowerDateRange</p> <p>mailxml_iv:UpperDateRange</p> <p>mailxml_iv:retrieveDataBy</p>
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
properties	content complex
children	<a href="#">mailxml_iv:SubmittingParty</a> <a href="#">mailxml_iv:SubmittingSoftware</a> <a href="#">mailxml_iv:SubmitterTrackingID</a> <a href="#">mailxml_iv:ConsigneeApptID</a> <a href="#">mailxml_iv:CSADispatchNumber</a> <a href="#">mailxml_iv:UserLicenseCode</a> <a href="#">mailxml_iv:MaidatJobID</a> <a href="#">mailxml_iv:CustomerGroupID</a> <a href="#">mailxml_iv:MailingGroupID</a> <a href="#">mailxml_iv:CustomerAccount</a> <a href="#">mailxml_iv:LowerDateRange</a> <a href="#">mailxml_iv:UpperDateRange</a> <a href="#">mailxml_iv:retrieveDataBy</a>
annotation	<p>documentation</p> <p>Query request for start the clock information.</p>



element **StartTheClockQueryRequest/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_defs:participantIDType</b>					
properties	<div> <div>isRef</div> <div>0</div> </div> <div> <div>minOcc</div> <div>0</div> </div> <div> <div>maxOcc</div> <div>1</div> </div> <div> <div>content</div> <div>complex</div> </div>					
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:MailerID6	<b>mailxml_base:mailerID6Type</b>				
	mailxml_defs:MailerID9	<b>mailxml_base:mailerID9Type</b>				
	mailxml_defs:CRID	<b>mailxml_base:CRIDType</b>				
	mailxml_defs:SchedulerID	<b>mailxml_base:s12</b>				
	mailxml_defs:MaildatUserLicense	<b>mailxml_base:userLicenseCodeType</b>				
	mailxml_defs:ShippingAgentID	<b>mailxml_base:s12</b>				
	mailxml_defs:ReceivingAgentID	<b>mailxml_base:s12</b>				

element **StartTheClockQueryRequest/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_defs:submittingSoftwareType</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:SoftwareName	<b>xs:string</b>	required			
	mailxml_defs:Vendor	<b>xs:string</b>	required			
	mailxml_defs:Version	<b>xs:string</b>	required			
	mailxml_defs:ApprovalDate	<b>xs:date</b>				
	mailxml_defs:ApprovalKey	<b>xs:string</b>				

element **StartTheClockQueryRequest/SubmitterTrackingID**


diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	<b>mailxml_base:s20</b>					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	simple				
facets	Kind	Value	annotation			
	minLength	1				
	maxLength	20				
	whiteSpace	preserve				

element **StartTheClockQueryRequest/ConsigneeApptID**


diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					

type	<b>mailxml_base:s12</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	12	
	whiteSpace	preserve	


#### element **StartTheClockQueryRequest/CSADispatchNumber**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s10</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	10	
	whiteSpace	preserve	

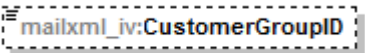
#### element **StartTheClockQueryRequest/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:userLicenseCodeType</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

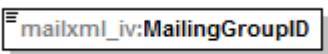
#### element **StartTheClockQueryRequest/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:jobIDType</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

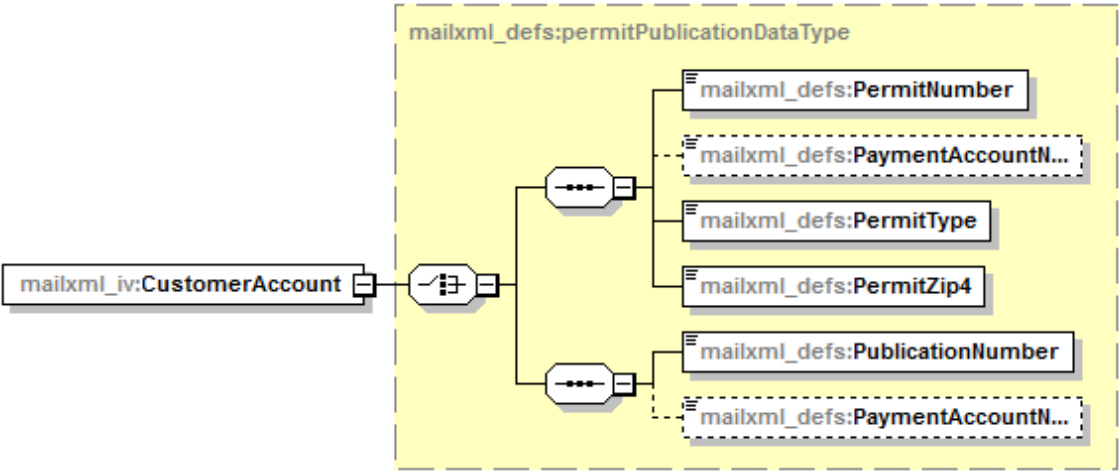
element **StartTheClockQueryRequest/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s25</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 1</div> <div>maxLength 25</div> <div>whiteSpace preserve</div>

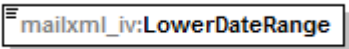
element **StartTheClockQueryRequest/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:nonNegativeInteger</b>
properties	<div>isRef 0</div> <div>content simple</div>

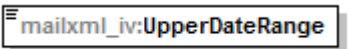
element **StartTheClockQueryRequest/CustomerAccount**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:permitPublicationDataType</b>
properties	<div>isRef 0</div> <div>content complex</div>
children	<b>mailxml_defs:PermitNumber mailxml_defs:PaymentAccountNumber mailxml_defs:PermitType mailxml_defs:PermitZip4 mailxml_defs:PublicationNumber mailxml_defs:PaymentAccountNumber</b>

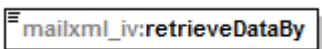
element **StartTheClockQueryRequest/LowerDateRange**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	isRef 0 content simple

element **StartTheClockQueryRequest/UpperDateRange**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	isRef 0 content simple

element **StartTheClockQueryRequest/retrieveDataBy**

diagram													
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv												
type	<b>mailxml_defs:retrieveDataByType</b>												
properties	isRef 0 content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>FS</td><td></td></tr><tr><td>enumeration</td><td>NFS</td><td></td></tr><tr><td>enumeration</td><td>Both</td><td></td></tr></table>	Kind	Value	annotation	enumeration	FS		enumeration	NFS		enumeration	Both	
Kind	Value	annotation											
enumeration	FS												
enumeration	NFS												
enumeration	Both												

## element StartTheClockQueryResponse

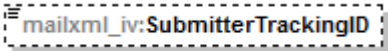
diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
properties	content complex					
children	<a href="#">mailxml_iv:TrackingID</a> <a href="#">mailxml_iv:SubmitterTrackingID</a> <a href="#">mailxml_iv:QueryResults</a> mailxml_defs:QueryError					
attributes	Name	Type	Use	Default	Fixed	annotation
	mailxml_defs:MessageGroupID	mailxml_base:s20	required			
	mailxml_defs:TotalMessageCount	xs:positiveInteger	required			
	mailxml_defs:MessageSerialNumber	xs:positiveInteger	required			
	mailxml_defs:TransmittedRecordCount	xs:positiveInteger	required			
	mailxml_defs:TotalRecordsAcrossMessages	xs:positiveInteger	required			
	mailxml_defs:LastMessage	mailxml_base:yesNo	optional	No		
annotation	documentation Response to the query for start the clock information.					

## element StartTheClockQueryResponse/TrackingID

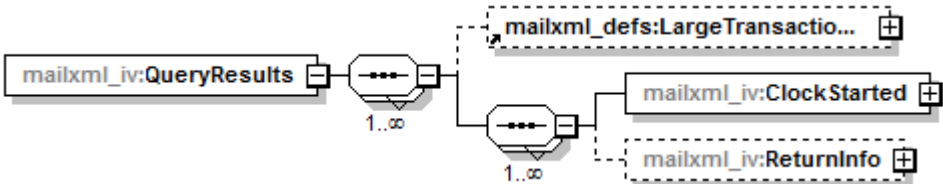
diagram						
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv					
type	mailxml_base:s20					
properties	isRef	0				
	minOcc	0				
	maxOcc	1				
	content	simple				

facets	Kind	Value	annotation
	minLength	1	
	maxLength	20	
	whiteSpace	preserve	

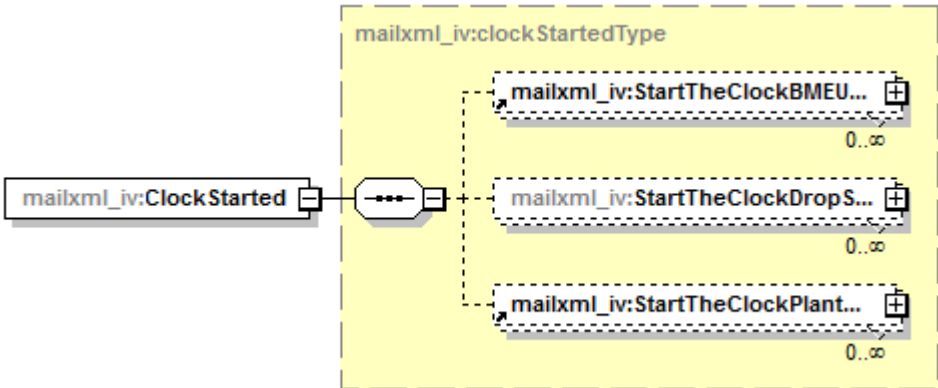
#### element **StartTheClockQueryResponse/SubmitterTrackingID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s20</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	20	
	whiteSpace	preserve	

#### element **StartTheClockQueryResponse/QueryResults**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
properties	isRef	0	
	content	complex	
children	<b>mailxml_defs:LargeTransactionDividerResult</b> <a href="#">mailxml_iv:ClockStarted</a> <a href="#">mailxml_iv:ReturnInfo</a>		

#### element **StartTheClockQueryResponse/QueryResults/ClockStarted**

diagram			
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namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
type	<a href="#">mailxml_iv:clockStartedType</a>
properties	isRef 0 content complex
children	<a href="#">mailxml_iv:StartTheClockBMEUBlock</a> <a href="#">mailxml_iv:StartTheClockDropShipOrOriginBlock</a> <a href="#">mailxml_iv:StartTheClockPlantLoadBlock</a>

#### element **StartTheClockQueryResponse/QueryResults/ReturnInfo**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
type	<b>mailxml_defs:basicReturnInfoType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content complex
children	<b>mailxml_defs:ReturnCode</b> <b>mailxml_defs:ReturnDescription</b> <b>mailxml_defs:errorWarning</b> <b>mailxml_defs:ContainerErrorWarningBlock</b>

#### complexType **clockStartedType**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
children	<a href="#">mailxml_iv:StartTheClockBMEUBlock</a> <a href="#">mailxml_iv:StartTheClockDropShipOrOriginBlock</a> <a href="#">mailxml_iv:StartTheClockPlantLoadBlock</a>
used by	elements <a href="#">StartTheClockDelivery/ClockStarted</a> <a href="#">StartTheClockQueryResponse/QueryResults/ClockStarted</a>



element **clockStartedType/StartTheClockDropShipOrOriginBlock**


diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
properties	<div>isRef</div> <div>0</div> <div>minOcc</div> <div>0</div> <div>maxOcc</div> <div>unbounded</div> <div>content</div> <div>complex</div>
children	<a href="#">mailxml iv:StartTheClockDropShipOrOrigin</a>

# complexType manifestScanEventDetailType


diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
children	<a href="#">mailxml_iv:USPSEventExtractFileVersionNumber</a> <a href="#">mailxml_iv:IMpb</a> <a href="#">mailxml_iv:ElectronicFileNumber</a> <a href="#">mailxml_iv:MailerID</a> <a href="#">mailxml_iv:MailerName</a> <a href="#">mailxml_iv:DestinationZipCode</a> <a href="#">mailxml_iv:DestinationZipPlusFour</a>

	<a href="#">mailxml iv:ScanningFacilityZip</a> <a href="#">mailxml iv:ScanningFacilityName</a> <a href="#">mailxml iv:EventCode</a> <a href="#">mailxml iv:EventName</a> <a href="#">mailxml iv:EventDate</a> <a href="#">mailxml iv:EventTime</a> <a href="#">mailxml iv:MailerOwnerID</a> <a href="#">mailxml iv:CustomerReferenceID</a> <a href="#">mailxml iv:DestinationCountryCode</a> <a href="#">mailxml iv:RecipientName</a> <a href="#">mailxml iv:OriginalLabel</a> <a href="#">mailxml iv:UnitofMeasureCode</a> <a href="#">mailxml iv:Weight</a> <a href="#">mailxml iv:GuaranteedDeliveryDate</a> <a href="#">mailxml iv:GuaranteedDeliveryTime</a> <a href="#">mailxml iv:LogisticsManagerMailerID</a>
used by	elements <a href="#">MPSVisDelivery/ManifestScanEvent/ManifestScanEventDetail</a> <a href="#">MPSVisQueryResponse/QueryResults/ManifestScanEvent/ManifestScanEventDetail</a> <a href="#">MPSVisDelivery/UnManifestedScanEventDetail</a> <a href="#">MPSVisQueryResponse/QueryResults/UnManifestedScanEventDetail</a>


#### element manifestScanEventDetailType/USPSEventExtractFileVersionNumber

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s03</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	3	
	whiteSpace	preserve	

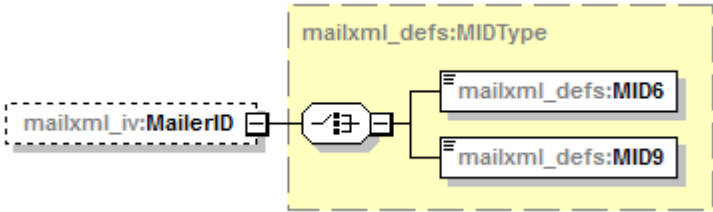
#### element manifestScanEventDetailType/IMpb

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:IMpbType</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	21	
	maxLength	34	

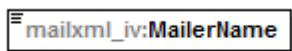
#### element manifestScanEventDetailType/ElectronicFileNumber

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s34</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	34	
	whiteSpace	preserve	

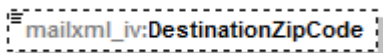
### element manifestScanEventDetailType/MailerID

diagram									
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv								
type	<b>mailxml_defs:MIDType</b>								
properties	<table> <tr><td>isRef</td><td>0</td></tr> <tr><td>minOcc</td><td>0</td></tr> <tr><td>maxOcc</td><td>1</td></tr> <tr><td>content</td><td>complex</td></tr> </table>	isRef	0	minOcc	0	maxOcc	1	content	complex
isRef	0								
minOcc	0								
maxOcc	1								
content	complex								
children	<b>mailxml_defs:MID6 mailxml_defs:MID9</b>								

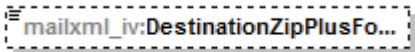
### element manifestScanEventDetailType/MailerName

diagram													
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv												
type	mailxml_base:s20												
properties	<table><tr><td>isRef</td><td>0</td></tr><tr><td>content</td><td>simple</td></tr></table>	isRef	0	content	simple								
isRef	0												
content	simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>20</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	annotation	minLength	1		maxLength	20		whiteSpace	preserve	
Kind	Value	annotation											
minLength	1												
maxLength	20												
whiteSpace	preserve												

### element manifestScanEventDetailType/DestinationZipCode

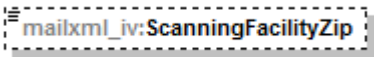
element mailxml_defs:DestinationZipCode			
diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	mailxml_defs:zipCode		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	complex	
facets	Kind	Value	annotation
	pattern	[0-9]{9}	

### element manifestScanEventDetailType/DestinationZipPlusFour

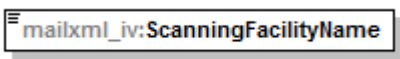
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv

type	<b>mailxml_base:s09</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	9	
	whiteSpace	preserve	


#### element **manifestScanEventDetailType/ScanningFacilityZip**

diagram	 The diagram shows the element <code>mailxml_iv:ScanningFacilityZip</code> with a dashed border and a small icon to the left.		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_defs:zipCode</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	complex	
facets	Kind	Value	annotation
	pattern	[0-9]{9}	

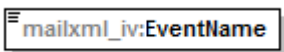
#### element **manifestScanEventDetailType/ScanningFacilityName**

diagram	 The diagram shows the element <code>mailxml_iv:ScanningFacilityName</code> with a solid border and a small icon to the left.		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s31</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	31	
	whiteSpace	preserve	


#### element **manifestScanEventDetailType/EventCode**

diagram	 The diagram shows the element <code>mailxml_iv:EventCode</code> with a solid border and a small icon to the left.		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s02</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	2	
	whiteSpace	preserve	

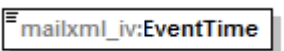
#### element manifestScanEventDetailType/EventName

diagram													
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv												
type	<b>mailxml_base:s40</b>												
properties	<table><tr><td>isRef</td><td>0</td></tr><tr><td>content</td><td>simple</td></tr></table>	isRef	0	content	simple								
isRef	0												
content	simple												
facets	<table><tr><th>Kind</th><th>Value</th><th>annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>40</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	annotation	minLength	1		maxLength	40		whiteSpace	preserve	
Kind	Value	annotation											
minLength	1												
maxLength	40												
whiteSpace	preserve												

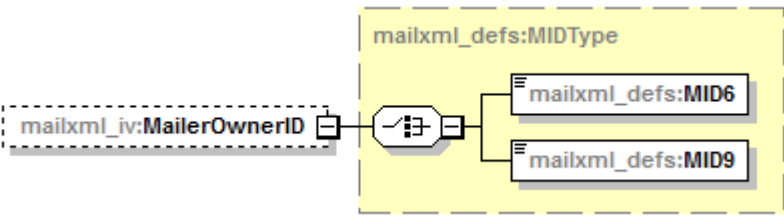
#### element manifestScanEventDetailType/EventDate

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	isRef 0 content simple

#### element manifestScanEventDetailType/EventTime

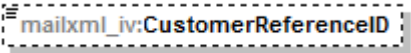
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:time</b>
properties	isRef 0 content simple

#### element manifestScanEventDetailType/MailerOwnerID

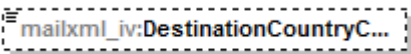
diagram									
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv								
type	<b>mailxml_defs:MIDType</b>								
properties	<table border="1"> <tbody> <tr> <td>isRef</td> <td>0</td> </tr> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table>	isRef	0	minOcc	0	maxOcc	1	content	complex
isRef	0								
minOcc	0								
maxOcc	1								
content	complex								

children	mailxml_defs:MID6 mailxml_defs:MID9
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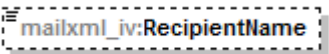
#### element manifestScanEventDetailType/CustomerReferenceID

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	mailxml_base:s40
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation minLength 1 maxLength 40 whiteSpace preserve


#### element manifestScanEventDetailType/DestinationCountryCode

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	mailxml_base:s02
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation minLength 1 maxLength 2 whiteSpace preserve


#### element manifestScanEventDetailType/RecipientName

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	mailxml_base:s20
properties	isRef 0 minOcc 0 maxOcc 1 content simple
facets	Kind Value annotation minLength 1 maxLength 20 whiteSpace preserve

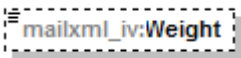
### element **manifestScanEventDetailType/OriginalLabel**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s34</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 1</div> <div>maxLength 34</div> <div>whiteSpace preserve</div>

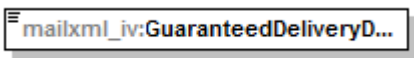
### element **manifestScanEventDetailType/UnitofMeasureCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:ns01</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>pattern [0-9]{1}</div>

### element **manifestScanEventDetailType/Weight**

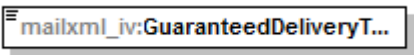
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:ns09</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>pattern [0-9]{9}</div>

### element **manifestScanEventDetailType/GuaranteedDeliveryDate**

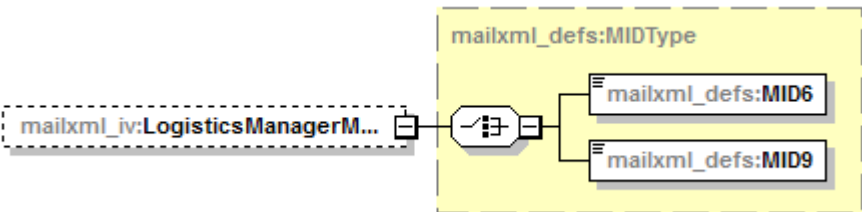
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:time</b>
properties	<div>isRef 0</div> <div>content simple</div>



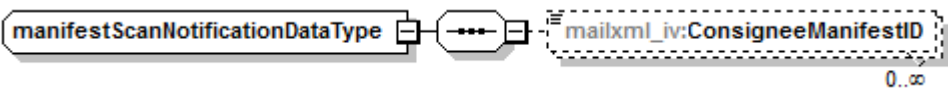
element **manifestScanEventDetailType/GuaranteedDeliveryTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:time</b>
properties	isRef 0 content simple

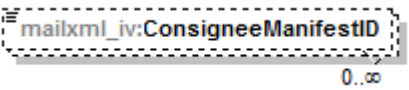
element **manifestScanEventDetailType/LogisticsManagerMailerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:MIDType</b>
properties	isRef 0 minOcc 0 maxOcc 1 content complex
children	<b>mailxml_defs:MID6</b> <b>mailxml_defs:MID9</b>

complexType **manifestScanNotificationDataType**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
children	<a href="#">mailxml_iv:ConsigneeManifestID</a>
used by	element <a href="#">MPSVisNotification/ManifestScanNotification</a>

element **manifestScanNotificationDataType/ConsigneeManifestID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:ns22</b>
properties	isRef 0 minOcc 0 maxOcc unbounded

	content	simple	
facets	Kind	Value	annotation
	pattern	[0-9]{22}	

#### complexType manifestScanQueryType

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
children	<a href="#">mailxml_iv:ConsigneeManifestID</a>		
used by	element	<a href="#">MPSVisQueryRequest/ManifestScanQuery</a>	

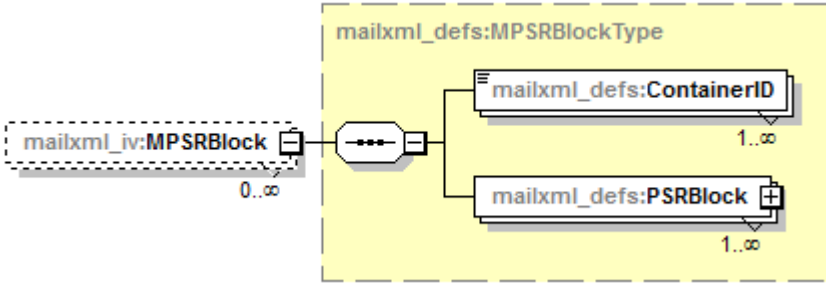
#### element manifestScanQueryType/ConsigneeManifestID

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	mailxml_base:ns22		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	pattern	[0-9]{22}	

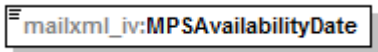
#### complexType MPSNotificationDataType

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
children	<a href="#">mailxml_iv:MPSRBlock</a> <a href="#">mailxml_iv:MPSAvailabilityDate</a>		
used by	element	<a href="#">MPSVisNotification/MPSNotificationData</a>	

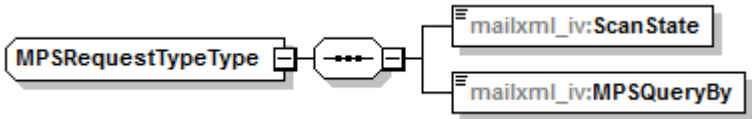
element **MPSNotificationDataType/MPSRBlock**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:MPSRBlockType</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc unbounded</div> <div>content complex</div>
children	<b>mailxml_defs:ContainerID</b> <b>mailxml_defs:PSRBlock</b>

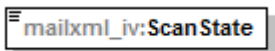
element **MPSNotificationDataType/MPSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	<div>isRef 0</div> <div>content simple</div>

complexType **MPSRequestTypeType**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
children	<a href="#">mailxml_iv:ScanState</a> <a href="#">mailxml_iv:MPSQueryBy</a>

element **MPSRequestTypeType/ScanState**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:MPSSStateType</b>
properties	<div>isRef 0</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>enumeration 1</div>

	enumeration	2
	enumeration	3
	enumeration	4
	enumeration	5
	enumeration	6
	enumeration	7
	enumeration	8
	enumeration	9
	enumeration	10
	enumeration	11
	enumeration	12
	enumeration	13
	enumeration	14
	enumeration	15
	enumeration	16
	enumeration	17
	enumeration	18
	enumeration	19
	enumeration	20
	enumeration	21
	enumeration	22
	enumeration	23
	enumeration	24
	enumeration	25
	enumeration	26
	enumeration	27
	enumeration	28
	enumeration	29
	enumeration	30

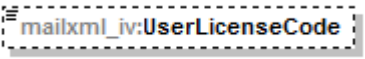
element **MPSRequestType/MPSQueryBy**

diagram	<div> <div></div> <div>mailxml_iv:MPSQueryBy</div> </div>		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	mailxml_defs:MPSQueryType		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	enumeration	A	
	enumeration	S	
	enumeration	PC	
	enumeration	BC	

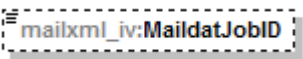
# complexType **MPSVisScanQueryType**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
children	<a href="#">mailxml_iv:UserLicenseCode</a> <a href="#">mailxml_iv:MaildatJobID</a> <a href="#">mailxml_iv:CustomerGroupID</a> <a href="#">mailxml_iv:MailingGroupID</a> <a href="#">mailxml_iv:ResultOptions</a> <a href="#">mailxml_iv:RangeLowerDate</a> <a href="#">mailxml_iv:RangeUpperDate</a> <a href="#">mailxml_iv:MID6OnThePiece</a> <a href="#">mailxml_iv:MID9OnThePiece</a> <a href="#">mailxml_iv:FacilityLocaleKey</a> <a href="#">mailxml_iv:EventType</a> <a href="#">mailxml_iv:BundleScanType</a> <a href="#">mailxml_iv:IMcb</a> <a href="#">mailxml_iv:IMtb</a> <a href="#">mailxml_iv:IMB</a> <a href="#">mailxml_iv:BundleID</a> <a href="#">mailxml_iv:FieldIncludedScanRecFlag</a>
used by	element <a href="#">MPSVisQueryRequest/MPSVisScanQueryType</a>


element **MPSVisScanQueryType/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:userLicenseCodeType</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 1</div> <div>maxLength 4</div> <div>whiteSpace preserve</div>

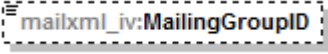
element **MPSVisScanQueryType/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:jobIDType</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 1</div> <div>maxLength 8</div> <div>whiteSpace preserve</div>

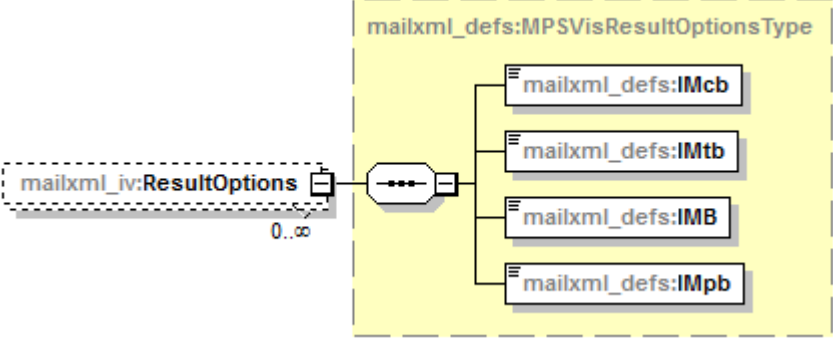
element **MPSVisScanQueryType/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_base:s25</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>
facets	<div>Kind Value annotation</div> <div>minLength 1</div> <div>maxLength 25</div> <div>whiteSpace preserve</div>


element **MPSVisScanQueryType/MailingGroupID**

diagram	 A dashed box containing the text "mailxml_iv:MailingGroupID".
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:nonNegativeInteger</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>


element **MPSVisScanQueryType/ResultOptions**

diagram	 A dashed box containing the text "mailxml_iv:ResultOptions" with a multiplicity of "0..∞" below it. This box is connected to a container box labeled "mailxml_defs:MPSVisResultOptionsType". Inside this container box, there are four sub-elements: "mailxml_defs:IMcb", "mailxml_defs:IMtb", "mailxml_defs:IMB", and "mailxml_defs:IMpb".
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:MPSVisResultOptionsType</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc unbounded</div> <div>content complex</div>
children	<b>mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:IMB mailxml_defs:IMpb</b>

element **MPSVisScanQueryType/RangeLowerDate**

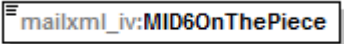
diagram	 A dashed box containing the text "mailxml_iv:RangeLowerDate".
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	<div>isRef 0</div> <div>content simple</div>

element **MPSVisScanQueryType/RangeUpperDate**

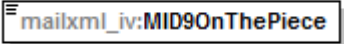
diagram	 A dashed box containing the text "mailxml_iv:RangeUpperDate".
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>

properties	isRef	0
	content	simple

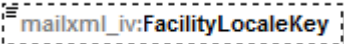
#### element **MPSVisScanQueryType/MID6OnThePiece**

diagram		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv	
type	<b>mailxml_base:mailerID6Type</b>	
properties	isRef	0
	content	simple
facets	Kind	Value
	pattern	[0-9]{6}

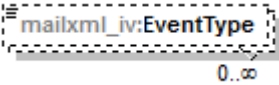
#### element **MPSVisScanQueryType/MID9OnThePiece**

diagram		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv	
type	<b>mailxml_base:mailerID9Type</b>	
properties	isRef	0
	content	simple
facets	Kind	Value
	pattern	[0-9]{9}

#### element **MPSVisScanQueryType/FacilityLocaleKey**

diagram		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv	
type	<b>mailxml_base:localeKeyType</b>	
properties	isRef	0
	minOcc	0
	maxOcc	1
	content	simple
facets	Kind	Value
	minLength	1
	maxLength	9
	whiteSpace	preserve

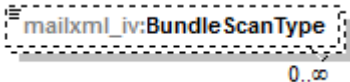
#### element **MPSVisScanQueryType/EventType**

diagram		
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv	
type	<b>mailxml_defs:pieceScanEventTypeType</b>	

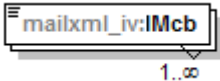


properties	isRef 0 minOcc 0 maxOcc unbounded content simple																																																															
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr><tr><td>enumeration</td><td>4</td><td></td></tr><tr><td>enumeration</td><td>5</td><td></td></tr><tr><td>enumeration</td><td>6</td><td></td></tr><tr><td>enumeration</td><td>7</td><td></td></tr><tr><td>enumeration</td><td>8</td><td></td></tr><tr><td>enumeration</td><td>9</td><td></td></tr><tr><td>enumeration</td><td>10</td><td></td></tr><tr><td>enumeration</td><td>11</td><td></td></tr><tr><td>enumeration</td><td>12</td><td></td></tr><tr><td>enumeration</td><td>13</td><td></td></tr><tr><td>enumeration</td><td>14</td><td></td></tr><tr><td>enumeration</td><td>15</td><td></td></tr><tr><td>enumeration</td><td>16</td><td></td></tr><tr><td>enumeration</td><td>17</td><td></td></tr><tr><td>enumeration</td><td>18</td><td></td></tr><tr><td>enumeration</td><td>19</td><td></td></tr><tr><td>enumeration</td><td>20</td><td></td></tr></table>	Kind	Value	annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6		enumeration	7		enumeration	8		enumeration	9		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15		enumeration	16		enumeration	17		enumeration	18		enumeration	19		enumeration	20	
Kind	Value	annotation																																																														
enumeration	1																																																															
enumeration	2																																																															
enumeration	3																																																															
enumeration	4																																																															
enumeration	5																																																															
enumeration	6																																																															
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enumeration	18																																																															
enumeration	19																																																															
enumeration	20																																																															

#### element **MPSVisScanQueryType/BundleScanType**

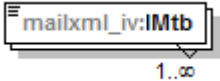
diagram	 The diagram shows a dashed rectangular box containing the text 'mailxml_iv:BundleScanType'. Below the box, the cardinality '0..∞' is indicated.												
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv												
type	mailxml_defs:bundleScanTypeType												
properties	<table><tr><td>isRef</td><td>0</td></tr><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>unbounded</td></tr><tr><td>content</td><td>simple</td></tr></table>	isRef	0	minOcc	0	maxOcc	unbounded	content	simple				
isRef	0												
minOcc	0												
maxOcc	unbounded												
content	simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>ActualScan</td><td></td></tr><tr><td>enumeration</td><td>AssumedScan</td><td></td></tr><tr><td>enumeration</td><td>Both</td><td></td></tr></table>	Kind	Value	annotation	enumeration	ActualScan		enumeration	AssumedScan		enumeration	Both	
Kind	Value	annotation											
enumeration	ActualScan												
enumeration	AssumedScan												
enumeration	Both												

#### element **MPSVisScanQueryType/IMcb**

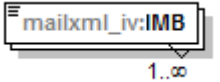
diagram	 The diagram shows a solid rectangular box containing the text 'mailxml_iv:IMcb'. Below the box, the cardinality '1..∞' is indicated.
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv

type	<b>mailxml_base:IMcbType</b>		
properties	isRef	0	
	minOcc	1	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	minLength	21	
	maxLength	24	

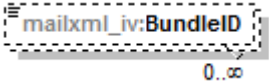
element **MPSVisScanQueryType/IMtb**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:IMtbType</b>		
properties	isRef	0	
	minOcc	1	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	minLength	24	
	maxLength	24	

element **MPSVisScanQueryType/IMB**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:iMBType</b>		
properties	isRef	0	
	minOcc	1	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	minLength	20	
	maxLength	34	
	pattern	([0-9])+	

element **MPSVisScanQueryType/BundleID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s06</b>		
properties	isRef	0	
	minOcc	0	

	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	

#### element **MPSVisScanQueryType/FieldIncludedScanRecFlag**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>mailxml_defs:MPSVisIncludedInScanRecFlagType</b>
properties	isRef 0 minOcc 0 maxOcc unbounded content complex
children	<b>mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:BundleID</b>

#### complexType **PSRBlockType**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
children	<a href="#">mailxml_iv:PRID</a> <a href="#">mailxml_iv:IMBLS</a> <a href="#">mailxml_iv:IMBUS</a> <a href="#">mailxml_iv:STCode</a> <a href="#">mailxml_iv:Class</a> <a href="#">mailxml_iv:SLI</a>

#### element **PSRBlockType/PRID**

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

namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s22</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	22	
	whiteSpace	preserve	

#### element PSRBlockType/IMBLS

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
properties	isRef	0	
	content	complex	
children	<a href="#">mailxml_iv:MID6</a> <a href="#">mailxml_iv:SN9</a> <a href="#">mailxml_iv:MID9</a> <a href="#">mailxml_iv:SN6</a>		


#### element PSRBlockType/IMBLS/MID6

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:mailerID6Type</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	pattern	[0-9]{6}	


#### element PSRBlockType/IMBLS/SN9

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:IMBSerialNumber9Type</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	pattern	[0-9]{9}	

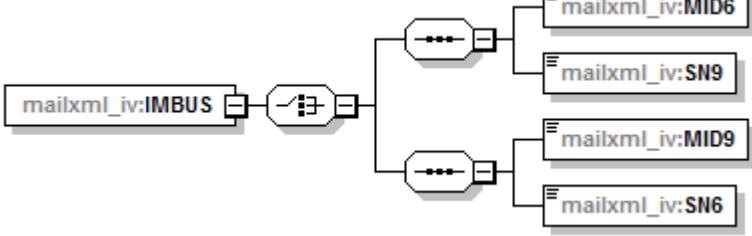
element **PSRBlockType/IMBLS/MID9**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:mailerID9Type</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	pattern	[0-9]{9}	


element **PSRBlockType/IMBLS/SN6**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:IMBSerialNumber6Type</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	pattern	[0-9]{6}	

element **PSRBlockType/IMBUS**


diagram	 <p>The diagram illustrates the structure of the <code>mailxml_iv:IMBUS</code> element. It is a root element box labeled <code>mailxml_iv:IMBUS</code> with a small square icon on its right side. This icon is connected to a larger octagonal box containing a complex internal symbol. This octagonal box is then connected to two parallel paths. Each path starts with a smaller octagonal box containing three dots, which is connected to a small square icon. Each of these square icons is then connected to a vertical stack of two rectangular boxes. The top stack contains <code>mailxml_iv:MID6</code> and <code>mailxml_iv:SN9</code>. The bottom stack contains <code>mailxml_iv:MID9</code> and <code>mailxml_iv:SN6</code>. All boxes have a 3D shadow effect.</p>
namespace	<code>http://idealliance.org/Specs/mailxml23.0/mailxml_iv</code>
properties	<code>isRef</code> 0 <code>content</code> complex
children	<a href="#">mailxml_iv:MID6</a> <a href="#">mailxml_iv:SN9</a> <a href="#">mailxml_iv:MID9</a> <a href="#">mailxml_iv:SN6</a>

element **PSRBlockType/IMBUS/MID6**


diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:mailerID6Type</b>		
properties	isRef	0	
	content	simple	

facets	Kind pattern	Value [0-9]{6}	annotation
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#### element PSRBlockType/IMBUS/SN9

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:IMBSerialNumber9Type</b>		
properties	isRef content	0 simple	
facets	Kind pattern	Value [0-9]{9}	annotation


#### element PSRBlockType/IMBUS/MID9

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:mailerID9Type</b>		
properties	isRef content	0 simple	
facets	Kind pattern	Value [0-9]{9}	annotation


#### element PSRBlockType/IMBUS/SN6

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:IMBSerialNumber6Type</b>		
properties	isRef content	0 simple	
facets	Kind pattern	Value [0-9]{6}	annotation

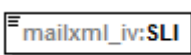
#### element PSRBlockType/STCode

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:ServiceTypeCodeType</b>		
properties	isRef content	0 simple	
facets	Kind pattern	Value [0-9]{3}	annotation

element **PSRBlockType/Class**

diagram																			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv																		
type	mailxml_base:mailClassType																		
properties	isRef 0 content simple																		
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr><tr><td>enumeration</td><td>4</td><td></td></tr><tr><td>enumeration</td><td>6</td><td></td></tr></table>	Kind	Value	annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	6	
Kind	Value	annotation																	
enumeration	1																		
enumeration	2																		
enumeration	3																		
enumeration	4																		
enumeration	6																		

element **PSRBlockType/SLI**


diagram																
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv															
type	<b>mailxml_base:serviceLevelIndicatorType</b>															
properties	isRef 0 content simple															
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>F</td><td></td></tr><tr><td>enumeration</td><td>B</td><td></td></tr><tr><td>enumeration</td><td>P</td><td></td></tr><tr><td>enumeration</td><td>O</td><td></td></tr></table>	Kind	Value	annotation	enumeration	F		enumeration	B		enumeration	P		enumeration	O	
Kind	Value	annotation														
enumeration	F															
enumeration	B															
enumeration	P															
enumeration	O															

# complexType scanEventQueryTypeType

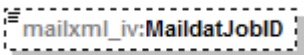
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
children	<a href="#">mailxml_iv:UserLicenseCode</a> <a href="#">mailxml_iv:MaildatJobID</a> <a href="#">mailxml_iv:CustomerGroupID</a> <a href="#">mailxml_iv:MailingGroupID</a> <a href="#">mailxml_iv:ResultOptions</a> <a href="#">mailxml_iv:RangeLowerDate</a> <a href="#">mailxml_iv:RangeUpperDate</a> <a href="#">mailxml_iv:MID6OnThePiece</a> <a href="#">mailxml_iv:MID9OnThePiece</a> <a href="#">mailxml_iv:FacilityLocaleKey</a> <a href="#">mailxml_iv:EventType</a> <a href="#">mailxml_iv:BundleScanType</a> <a href="#">mailxml_iv:IMcb</a> <a href="#">mailxml_iv:IMtb</a> <a href="#">mailxml_iv:IMB</a> <a href="#">mailxml_iv:BundleID</a> <a href="#">mailxml_iv:FieldIncludedScanRecFlag</a>



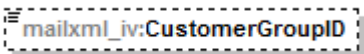
element **scanEventQueryTypeType/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:userLicenseCodeType</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

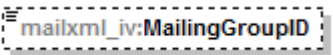
element **scanEventQueryTypeType/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:jobIDType</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

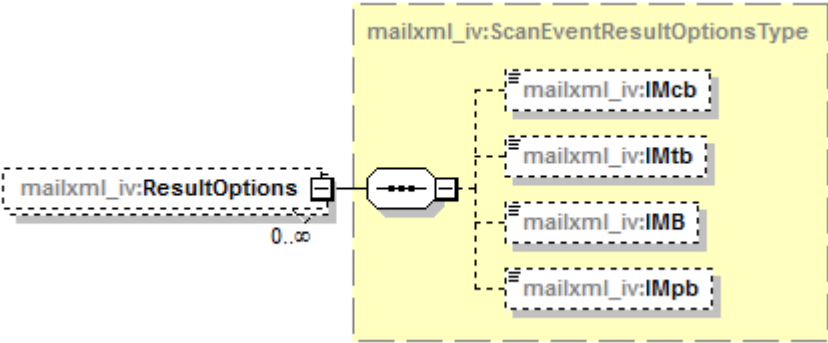
element **scanEventQueryTypeType/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s25</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	


element **scanEventQueryTypeType/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:nonNegativeInteger</b>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc 1</div> <div>content simple</div>


element **scanEventQueryTypeType/ResultOptions**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<a href="#">mailxml_iv:ScanEventResultOptionsType</a>
properties	<div>isRef 0</div> <div>minOcc 0</div> <div>maxOcc unbounded</div> <div>content complex</div>
children	<a href="#">mailxml_iv:IMcb</a> <a href="#">mailxml_iv:IMtb</a> <a href="#">mailxml_iv:IMB</a> <a href="#">mailxml_iv:IMpb</a>

element **scanEventQueryTypeType/RangeLowerDate**

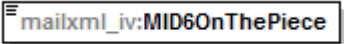
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>
properties	<div>isRef 0</div> <div>content simple</div>

element **scanEventQueryTypeType/RangeUpperDate**

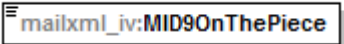
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv
type	<b>xs:date</b>

properties	isRef	0
	content	simple

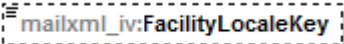
#### element **scanEventQueryType/MID6OnThePiece**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:mailerID6Type</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	pattern	[0-9]{6}	

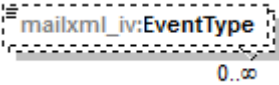
#### element **scanEventQueryType/MID9OnThePiece**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:mailerID9Type</b>		
properties	isRef	0	
	content	simple	
facets	Kind	Value	annotation
	pattern	[0-9]{9}	

#### element **scanEventQueryType/FacilityLocaleKey**

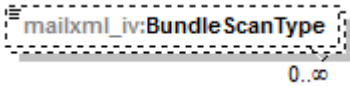
diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:localeKeyType</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	9	
	whiteSpace	preserve	

#### element **scanEventQueryType/EventType**

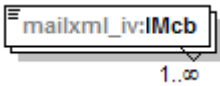
diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_defs:pieceScanEventTypeType</b>		

properties	isRef 0 minOcc 0 maxOcc unbounded content simple																																																															
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr><tr><td>enumeration</td><td>4</td><td></td></tr><tr><td>enumeration</td><td>5</td><td></td></tr><tr><td>enumeration</td><td>6</td><td></td></tr><tr><td>enumeration</td><td>7</td><td></td></tr><tr><td>enumeration</td><td>8</td><td></td></tr><tr><td>enumeration</td><td>9</td><td></td></tr><tr><td>enumeration</td><td>10</td><td></td></tr><tr><td>enumeration</td><td>11</td><td></td></tr><tr><td>enumeration</td><td>12</td><td></td></tr><tr><td>enumeration</td><td>13</td><td></td></tr><tr><td>enumeration</td><td>14</td><td></td></tr><tr><td>enumeration</td><td>15</td><td></td></tr><tr><td>enumeration</td><td>16</td><td></td></tr><tr><td>enumeration</td><td>17</td><td></td></tr><tr><td>enumeration</td><td>18</td><td></td></tr><tr><td>enumeration</td><td>19</td><td></td></tr><tr><td>enumeration</td><td>20</td><td></td></tr></table>	Kind	Value	annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6		enumeration	7		enumeration	8		enumeration	9		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15		enumeration	16		enumeration	17		enumeration	18		enumeration	19		enumeration	20	
Kind	Value	annotation																																																														
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enumeration	20																																																															

#### element **scanEventQueryTypeType/BundleScanType**

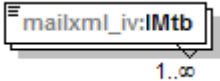
diagram													
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv												
type	mailxml_defs:bundleScanTypeType												
properties	<div>isRef0</div> <div>minOcc0</div> <div>maxOccunbounded</div> <div>contentsimple</div>												
facets	<table><tr><th>Kind</th><th>Value</th><th>annotation</th></tr><tr><td>enumeration</td><td>ActualScan</td><td></td></tr><tr><td>enumeration</td><td>AssumedScan</td><td></td></tr><tr><td>enumeration</td><td>Both</td><td></td></tr></table>	Kind	Value	annotation	enumeration	ActualScan		enumeration	AssumedScan		enumeration	Both	
Kind	Value	annotation											
enumeration	ActualScan												
enumeration	AssumedScan												
enumeration	Both												

#### element **scanEventQueryTypeType/IMcb**

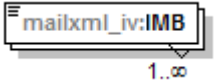
diagram	
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv

type	<b>mailxml_base:IMcbType</b>		
properties	isRef	0	
	minOcc	1	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	minLength	21	
	maxLength	24	

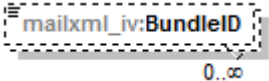
#### element **scanEventQueryTypeType/IMtb**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:IMtbType</b>		
properties	isRef	0	
	minOcc	1	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	minLength	24	
	maxLength	24	

#### element **scanEventQueryTypeType/IMB**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:iMBType</b>		
properties	isRef	0	
	minOcc	1	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	minLength	20	
	maxLength	34	
	pattern	([0-9])+	

#### element **scanEventQueryTypeType/BundleID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:s06</b>		
properties	isRef	0	
	minOcc	0	

	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	

#### element **scanEventQueryType/FieldIncludedScanRecFlag**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
type	<b>mailxml_defs:MPSVisIncludedInScanRecFlagType</b>
properties	isRef 0 minOcc 0 maxOcc unbounded content complex
children	<b>mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:BundleID</b>

#### complexType **ScanEventResultOptionsType**

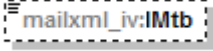
diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
children	<a href="#">mailxml_iv:IMcb</a> <a href="#">mailxml_iv:IMtb</a> <a href="#">mailxml_iv:IMB</a> <a href="#">mailxml_iv:IMpb</a>
used by	element <a href="#">scanEventQueryType/ResultOptions</a>

#### element **ScanEventResultOptionsType/IMcb**

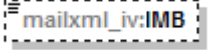
diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>
type	<b>mailxml_base:yesNo</b>

properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
	default	No	
facets	Kind	Value	annotation
	enumeration	Yes	
	enumeration	No	


#### element **ScanEventResultOptionsType/IMtb**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:yesNo</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
	default	No	
facets	Kind	Value	annotation
	enumeration	Yes	
	enumeration	No	

#### element **ScanEventResultOptionsType/IMB**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:yesNo</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
	default	Yes	
facets	Kind	Value	annotation
	enumeration	Yes	
	enumeration	No	

#### element **ScanEventResultOptionsType/IMpb**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	<b>mailxml_base:yesNo</b>		
properties	isRef	0	
	minOcc	0	
	maxOcc	1	
	content	simple	
	default	No	

facets	Kind	Value	annotation
	enumeration	Yes	
	enumeration	No	

#### simpleType **eDocTypeType**

namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	restriction of <b>xs:string</b>		
used by	elements	<a href="#">MPSVisDelivery/eDocType</a> <a href="#">MPSVisNotification/eDocType</a> <a href="#">MPSVisQueryResponse/eDocType</a>	
facets	Kind	Value	annotation
	enumeration	101	
	enumeration	102	
	enumeration	103	
	enumeration	104	
	enumeration	105	
	enumeration	106	
	enumeration	107	
	enumeration	108	
	enumeration	109	
	enumeration	110	

#### simpleType **handlingEventTypeType**

namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	restriction of <b>xs:string</b>		
used by	elements	<a href="#">ContainerVisibilityQueryRequest/HandlingEventType</a> <a href="#">ContainerVisibilityEntry/HandlingEventType</a>	
facets	Kind	Value	annotation
	enumeration	Actual	
	enumeration	Logical	
	enumeration	AssumedActual	
	enumeration	AssumedLogical	

#### simpleType **mailObjectTypeType**

namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	restriction of <b>xs:string</b>		
used by	elements	<a href="#">ContainerVisibilityQueryRequest/MailObjectType</a> <a href="#">ContainerVisibilityEntry/MailObjectType</a>	
facets	Kind	Value	annotation
	enumeration	Container	
	enumeration	HandlingUnit	

#### simpleType **recipientRoleType**

namespace	http://idealliance.org/Specs/mailxml23.0/mailxml_iv		
type	restriction of <b>xs:string</b>		



used by	elements	<a href="#">ContainerVisibilityQueryRequest/RecipientRole</a> <a href="#">ContainerVisibilityEntry/RecipientRole</a>	
facets	Kind	Value	annotation
	enumeration	Mail Owner	
	enumeration	Mail Owner Delegate	
	enumeration	Mail Preparer	
	enumeration	Mail Preparer Delegate	
	enumeration	MID Owner of MID on Container	
	enumeration	MID Owner of MID on Container Delegate	
	enumeration	MID Owner of MID on Tray	
	enumeration	MID Owner of MID on Tray Delegate	
	enumeration	MID Owner of MID on Piece	
	enumeration	MID Owner of MID on Piece Delegate	
	enumeration	eDoc Submitter	
	enumeration	eDoc Submitter Delegate	
	enumeration	FAST Scheduler	
	enumeration	FAST Scheduler Delegate	

#### simpleType scanEventCodeType

namespace	<a href="http://idealliance.org/Specs/mailxml23.0/mailxml_iv">http://idealliance.org/Specs/mailxml23.0/mailxml_iv</a>		
type	restriction of <b>xs:string</b>		
used by	elements	<a href="#">ContainerVisibilityQueryRequest/ScanEventCode</a> <a href="#">ContainerVisibilityEntry/ScanEventCode</a>	
facets	Kind	Value	annotation
	pattern	\d{3}	

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