



MailXML Version 20.0

Informed Visibility Messages Specification

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Abstract

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

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About Mail.XML™

Mail.XML™ is bringing a paradigm change to the industry by increasing business function specific B2B (Business to Business) communication within the industry that supports automation and in the end enables cost avoidance and higher profits through improved competence and effectiveness of communication. Mail.XML is designed to increase efficiency and lower costs by removing many manual data entry processes and enabling quick near real time communication between business partners. Mail.XML currently supports container based scheduling, pick up and drop off business processes, as well as identifying different business entities responsible for performing different services such as quality of mailing, address correction, and delivery confirmation on a mailing.

The core focus of Mail.XML is communication between industry members and from industry to the final mail processing and delivery organization that delivers the mail to the end consumer, e.g., USPS.

In the next few versions of Mail.XML the focus moves across mailing supply chain channels, and includes advanced functions such as payment; automated verification; enabling first, second, and third party communication and incorporating presort planning, printing, and distribution processes.

What's New in Mail.XML Version 20.0?

With this release, the Mail.XML Messaging Protocol moves to Version 20.0. This is a MAJOR release. This release supports ongoing USPS modernization and automation efforts for 2017.

Changes supported by MailXML 20.0 include:

- Currently, mailers cannot submit their own Campaign Titles (or Display Names, and Campaign Codes). These Campaign Titles, Campaign Codes and Campaign Display Name are generated by *PostalOne!* using a combination of eDoc fields and sent to Informed Delivery. This version of MailXML provides the ability for mailers to submit their own Campaign Display Name, Campaign Codes and Campaign Titles.
- MailXML V20 provides mailers with the ability to submit Campaign data absent or separate from the presort data and to issue an Informed Delivery Campaign Create Request.
- MailXML V20 provides mailers with the ability to withdraw a campaign with an Informed Delivery Campaign Delete Request.

Note: In order to modify a campaign, a user must first delete the campaign and then create a new campaign with the updated parameters. There is no message to update or modify a campaign at this time.

About MailXML 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.

MailXML Module Versioning Rules

The following versioning rules will be followed:

- The MailXML wrapper schema (*.xsd) will always be given the next higher version number (or Errata designation) when any update is made to base, defs or any module. The name of the .xsd file will indicate the new version and the new version number will be used in the namespace and target declarations:

```
xmlns:mailxml="http://Idealliance.org/Specs/mailxml20.0/mailxml"
targetNamespace="http://Idealliance.org/Specs/mailxml20.0/mailxml"
```
- When updates are made, only those modules that are updated will be given the next higher version number (or Errata letter designation).
- If updates are made to the base or defs, then the base and defs xsds will be given the next higher version number (or Errata designation) **and** all modules that call to them will also be given the next higher version number (or Errata designation).

For example:

- If the wrapper version is labeled as
xmlns:mailxml="http://Idealliance.org/Specs/mailxml15.0A/mailxml" then at least one of the XSDs is at same version such as filename='mailxml_15.0A.xsd' <- Errata A
- If the wrapper version is labeled as
xmlns:mailxml="http://Idealliance.org/Specs/mailxml15.0B/mailxml" then at least one of the XSDs is at same version such as filename='mailxml_15.0B.xsd' <- Errata B

- If the wrapper version is labeled as
xmlns:mailxml="http://Idealliance.org/Specs/mailxml15.0/mailxml" then at least one of the XSDs is
at same version such as filename = 'mailxml_15.0.xsd' <- Major Version

MailXML 20.0 XSD Modules:

The following MailXML XSD modules/namespaces are used:

- **mailxml_tm.xsd**: This module contains all the transportation (or FAST) messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml tm:**
- **mailxml_mm.xsd**: This module contains all the mailing messages (eDoc) and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml mm:**
- **mailxml_iv.xsd**: This module contains informed visibility messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml iv:**
- **mailxml_dd.xsd**: This module contains all the data distribution messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml dd:**
- **mailxml_id.xsd**: This module contains all the identification messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml id:**
- **mailxml_sc.xsd**: This module contains all the supply chain messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml sc:**
- **mailxml_defs.xsd**: This module contains all the common definitions of attributes, elements and complex types that are used across two or more message types. **Namespace=mailxml defs:**
- **mailxml_base.xsd**: This module contains simple types that are shared across two or more modules that make up mailxml. These can be considered a building block for any message group. **Namespace=mailxml base:**
- **mailxml.xsd**: This module contains the system messages of MailXML and is used to build custom profiles for MailXML. **Namespace=mailxml:**

The Mail.XML™ 20 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 16.0. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- *Mail.XML™ 20.0: Transportation Messaging Specification* documents all transportation messages
- *Mail.XML™ 20.0: Mailing Messaging Specification* documents all mailing messages
- *Mail.XML™ 20.0: Informed Visibility Specification* documents all informed visibility messages
- *Mail.XML™ 20.0: Data Distribution Messaging Specification* documents all data distribution messages
- *Mail.XML™ 20.0: Identification Messaging Specification* documents all identification messages
- *Mail.XML™ 20.0: Supply Chain Messaging Specification* documents all supply chain messages
- *Mail.XML™ 20.0: System Messaging Specification* documents all systems and fault messages
- *Mail.XML™ 20.0: Simple Types Specification* documents all simple types used across MailXML messages

- *Mail.XML™ 20.0: Common Definitions Specification* documents all shared elements and complex types.
- *Mail.XML™ 20.0: Schemas* contains the .XSDs that make up the MailXML Messaging Specification

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Elements

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[StartTheClockDelivery](#)
[StartTheClockDropShipOrOrigin](#)
[StartTheClockNotification](#)
[StartTheClockPlantLoadBlock](#)
[StartTheClockQueryRequest](#)
[StartTheClockQueryResponse](#)

Complex types

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

Simple types

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

2 Elements and Types

element **ContainerVisibilityDelivery**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
properties	content complex					
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:ContainerVisibilityEntry					
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/mailxml20.0/mailxml_iv					
type	mailxml_defs:participantIDType					
properties	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				

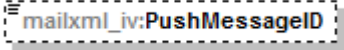
element **ContainerVisibilityDelivery/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					

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properties	minOcc 0 maxOcc 1 content complex					
attributes	<div> <div>Name</div> <div>mailxml_defs:SoftwareName</div> <div>xs:string</div> <div>required</div> <div>Default</div> <div>Fixed</div> <div>Annotation</div> </div> <div> <div>Name</div> <div>mailxml_defs:Vendor</div> <div>xs:string</div> <div>required</div> <div></div> <div></div> <div></div> </div> <div> <div>Name</div> <div>mailxml_defs:Version</div> <div>xs:string</div> <div>required</div> <div></div> <div></div> <div></div> </div> <div> <div>Name</div> <div>mailxml_defs:ApprovalDate</div> <div>xs:date</div> <div></div> <div></div> <div></div> <div></div> </div> <div> <div>Name</div> <div>mailxml_defs:ApprovalKey</div> <div>xs:string</div> <div></div> <div></div> <div></div> <div></div> </div>					

element **ContainerVisibilityDelivery/PushMessageID**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_base:s25					
properties	minOcc 0 maxOcc 1 content simple					
facets	<div> <div>Kind</div> <div>Value</div> <div>Annotation</div> </div> <div> <div>minLength</div> <div>1</div> <div></div> </div> <div> <div>maxLength</div> <div>25</div> <div></div> </div> <div> <div>whiteSpace</div> <div>preserve</div> <div></div> </div>					

element **ContainerVisibilityEntry**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/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 mailxml_iv:ContainerType mailxml_iv:ScanEvent mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMpb mailxml_iv:FullServiceComplianceIndicator mailxml_iv:FullServiceNonComplianceReasonCode mailxml_iv:FSNonFSAAvailabilityDate mailxml_iv:FullServiceIndicator
used by	elements ContainerVisibilityDelivery ContainerVisibilityQueryResponse/QueryResults

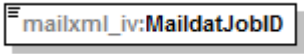
element **ContainerVisibilityEntry/UserLicenseCode**

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

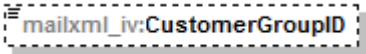
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namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:userLicenseCodeType		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

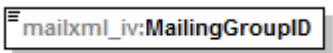
element **ContainerVisibilityEntry/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:jobIDType		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

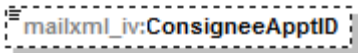
element **ContainerVisibilityEntry/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s25		
properties	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/mailxml20.0/mailxml_iv		
type	xs:nonNegativeInteger		
properties	content	simple	

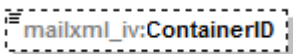
element **ContainerVisibilityEntry/ConsigneeApptID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s12		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	12	
	whiteSpace	preserve	

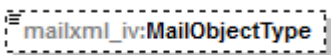
element **ContainerVisibilityEntry/CSAID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s10		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	10	
	whiteSpace	preserve	

element **ContainerVisibilityEntry/ContainerID**

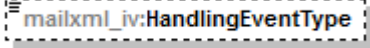
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s06		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	

element **ContainerVisibilityEntry/MailObjectType**

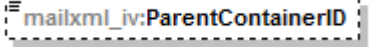
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		

type	mailxml_iv:mailObjectTypeType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	Container	
	enumeration	HandlingUnit	

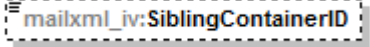
element ContainerVisibilityEntry/HandlingEventType

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_iv:handlingEventTypeType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	Actual	
	enumeration	Logical	
	enumeration	AssumedActual	
	enumeration	AssumedLogical	

element ContainerVisibilityEntry/ParentContainerID

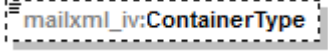
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s06		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	

element ContainerVisibilityEntry/SiblingContainerID

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s06		
properties	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/mailxml20.0/mailxml_iv		
type	mailxml_base:mailXMLContainerType		
properties	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	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:scanEventType
properties	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

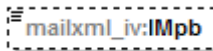
element **ContainerVisibilityEntry/IMcb**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:IMcbType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 21 maxLength 24

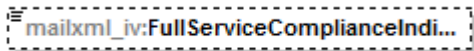
element **ContainerVisibilityEntry/IMtb**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:IMtbType
properties	<div>minOcc0</div> <div>maxOcc1</div> <div>contentsimple</div>
facets	<div><div>KindValueAnnotation</div><div>minLength24</div><div>maxLength24</div></div>

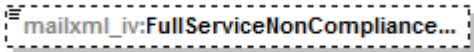
element **ContainerVisibilityEntry/IMpb**

diagram										
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv									
type	mailxml_base:IMpbType									
properties	<table><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>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>21</td><td></td></tr><tr><td>maxLength</td><td>34</td><td></td></tr></table>	Kind	Value	Annotation	minLength	21		maxLength	34	
Kind	Value	Annotation								
minLength	21									
maxLength	34									

element **ContainerVisibilityEntry/FullServiceComplianceIndicator**

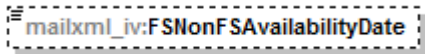
diagram										
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv									
type	mailxml_defs:fullServiceComplianceIndicatorType									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>Yes</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 **ContainerVisibilityEntry/FullServiceNonComplianceReasonCode**

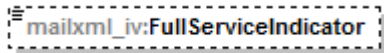
diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:reasonCodeType
properties	minOcc 0 maxOcc 1 content simple

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/mailxml20.0/mailxml_iv
type	xs:date
properties	minOcc 0 maxOcc 1 content simple

element **ContainerVisibilityEntry/FullServiceIndicator**

diagram										
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv									
type	mailxml_base:yesNo									
properties	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 **ContainerVisibilityNotification**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:PushMessageID mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:FSNonFSAvailabilityDate mailxml_iv:AvailableRecordCount mailxml_iv:CountType mailxml_iv:NotificationDate
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/mailxml20.0/mailxml_iv
type	mailxml_defs:participantIDType

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properties	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 ContainerVisibilityNotification/SubmittingSoftware

diagram	<p>The diagram illustrates the relationship between the <code>mailxml_iv:SubmittingSoftware</code> element and the <code>mailxml_defs:submittingSoftwareType</code> type. The <code>SubmittingSoftware</code> element is shown as a dashed box on the left, connected by a line to a larger box on the right representing the <code>submittingSoftwareType</code>. This box is labeled <code>mailxml_defs:submittingSoftwareType</code> and contains a section titled <code>attributes</code>. Inside the <code>attributes</code> section, five attributes are listed: <code>mailxml_defs:SoftwareName</code>, <code>mailxml_defs:Vendor</code>, <code>mailxml_defs:Version</code>, <code>mailxml_defs:ApprovalDate</code>, and <code>mailxml_defs:ApprovalKey</code>. The first three attributes are shown in solid boxes, while the last two are in dashed boxes, indicating different levels of requiredness or fixity.</p>					
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
properties	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 ContainerVisibilityNotification/PushMessageID

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_base:s25					
properties	minOcc 0 maxOcc 1 content simple					

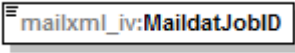
MailXML Version 20.0 Informed Visibility Specification

facets	Kind	Value	Annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

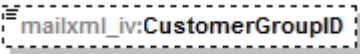
element **ContainerVisibilityNotification/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:userLicenseCodeType		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	


element **ContainerVisibilityNotification/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:jobIDType		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	


element **ContainerVisibilityNotification/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s25		
properties	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/mailxml20.0/mailxml_iv
type	xs:nonNegativeInteger
properties	content simple

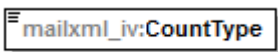
element **ContainerVisibilityNotification/FSNonFSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	content simple


element **ContainerVisibilityNotification/AvailableRecordCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:nonNegativeInteger
properties	content simple

element **ContainerVisibilityNotification/CountType**

diagram													
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv												
type	mailxml_defs:countTypeType												
properties	content simple												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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/mailxml20.0/mailxml_iv
type	xs:date

properties	content	simple
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element ContainerVisibilityQueryRequest

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:SubmitterTrackingID mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:DateRange mailxml_iv:ConsigneeApptID mailxml_iv:CSAID mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMpb mailxml_iv:USPSFacilityLocaleKey mailxml_iv:ContainerScanState mailxml_iv:retrieveDataBy mailxml_iv:MailObjectType mailxml_iv:HandlingEventType
annotation	documentation Query request for for full service container visisbility information.

element **ContainerVisibilityQueryRequest/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_defs:participantIDType					
properties	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:MaidatUserLicense	mailxml_base:userLicenseCodeType				
	mailxml_defs:ShippingAgentID	mailxml_base:s12				
	mailxml_defs:ReceivingAgentID	mailxml_base:s12				

element **ContainerVisibilityQueryRequest/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					

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properties	minOcc 0 maxOcc 1 content complex					
attributes	<div> <div>Name</div> <div>mailxml_defs:SoftwareName</div> <div>xs:string</div> <div>required</div> <div>Default</div> <div>Fixed</div> <div>Annotation</div> </div> <div> <div>Name</div> <div>mailxml_defs:Vendor</div> <div>xs:string</div> <div>required</div> <div></div> <div></div> <div></div> </div> <div> <div>Name</div> <div>mailxml_defs:Version</div> <div>xs:string</div> <div>required</div> <div></div> <div></div> <div></div> </div> <div> <div>Name</div> <div>mailxml_defs:ApprovalDate</div> <div>xs:date</div> <div></div> <div></div> <div></div> <div></div> </div> <div> <div>Name</div> <div>mailxml_defs:ApprovalKey</div> <div>xs:string</div> <div></div> <div></div> <div></div> <div></div> </div>					

element ContainerVisibilityQueryRequest/SubmitterTrackingID

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_base:s20					
properties	minOcc 0 maxOcc 1 content simple					
facets	<div>Kind Value Annotation</div> <div>minLength 1</div> <div>maxLength 20</div> <div>whiteSpace preserve</div>					

element ContainerVisibilityQueryRequest/UserLicenseCode

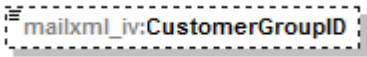
diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_base:userLicenseCodeType					
properties	content simple					
facets	<div>Kind Value Annotation</div> <div>minLength 1</div> <div>maxLength 4</div> <div>whiteSpace preserve</div>					

element ContainerVisibilityQueryRequest/MaildatJobID


diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_base:jobIDType					
properties	content simple					
facets	<div>Kind Value Annotation</div> <div>minLength 1</div> <div>maxLength 8</div>					

	whiteSpace	preserve
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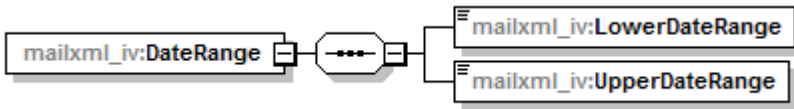
element ContainerVisibilityQueryRequest/CustomerGroupID

diagram		
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv	
type	mailxml_base:s25	
properties	minOcc	0
	maxOcc	1
	content	simple
facets	Kind	Value
	minLength	1
	maxLength	25
	whiteSpace	preserve


element ContainerVisibilityQueryRequest/MailingGroupID

diagram		
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv	
type	xs:nonNegativeInteger	
properties	content	simple

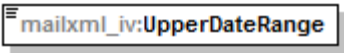
element ContainerVisibilityQueryRequest/DateRange

diagram		
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv	
properties	content	complex
children	mailxml_iv:LowerDateRange mailxml_iv:UpperDateRange	

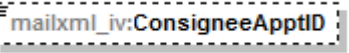
element ContainerVisibilityQueryRequest/DateRange/LowerDateRange

diagram		
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv	
type	xs:date	
properties	content	simple


element **ContainerVisibilityQueryRequest/DateRange/UpperDateRange**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	content simple

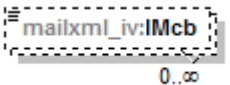
element **ContainerVisibilityQueryRequest/ConsigneeApptID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s12		
properties	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/mailxml20.0/mailxml_iv		
type	mailxml_base:s10		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	10	
	whiteSpace	preserve	

element **ContainerVisibilityQueryRequest/IMcb**


diagram							
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv						
type	mailxml_base:IMcbType						
properties	<table><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>	minOcc	0	maxOcc	unbounded	content	simple
minOcc	0						
maxOcc	unbounded						
content	simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td></td><td></td><td></td></tr></table>	Kind	Value	Annotation			
Kind	Value	Annotation					

	minLength 21
	maxLength 24

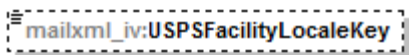
element ContainerVisibilityQueryRequest/IMtb

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:IMtbType
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 24 maxLength 24

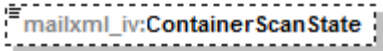
element ContainerVisibilityQueryRequest/IMpb

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:IMpbType
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 21 maxLength 34

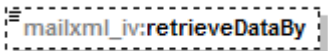
element ContainerVisibilityQueryRequest/USPSFacilityLocaleKey

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:localeKeyType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 9 whiteSpace preserve

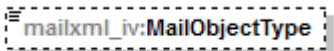
element **ContainerVisibilityQueryRequest/ContainerScanState**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_defs:containerScanStateType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	Electronic Information Received	
	enumeration	Entered at USPS	
	enumeration	Enroute Depart	
	enumeration	Enroute	
	enumeration	Enroute Arrive	
	enumeration	All Scan States	

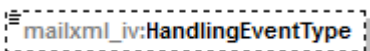
element **ContainerVisibilityQueryRequest/retrieveDataBy**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_defs:retrieveDataByType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	FS	
	enumeration	NFS	
	enumeration	Both	

element **ContainerVisibilityQueryRequest/MailObjectType**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_iv:mailObjectTypeType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	Container	
	enumeration	HandlingUnit	

element **ContainerVisibilityQueryRequest/HandlingEventType**

diagram			
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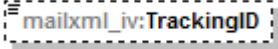
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namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_iv:handlingEventTypeType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	Actual	
	enumeration	Logical	
	enumeration	AssumedActual	
	enumeration	AssumedLogical	

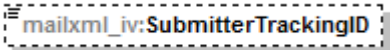
element ContainerVisibilityQueryResponse

diagram																																											
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv																																										
properties	content complex																																										
children	mailxml_iv:TrackingID mailxml_iv:SubmitterTrackingID mailxml_iv:QueryResults mailxml_defs:QueryError																																										
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:MessageGroupID</td><td>mailxml_base:s20</td><td>optional</td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:TotalMessageCount</td><td>xs:positiveInteger</td><td>optional</td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:MessageSerialNumber</td><td>xs:positiveInteger</td><td>optional</td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:TransmittedRecordCount</td><td>xs:positiveInteger</td><td>optional</td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:TotalRecordsAcrossMessages</td><td>xs:positiveInteger</td><td>optional</td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:LastMessage</td><td>mailxml_base:yesNo</td><td>optional</td><td>No</td><td></td><td></td></tr></tbody></table>	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		
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	<div>documentation</div> <div>Response to the Query request for for full service container visisbility information.</div>																																										

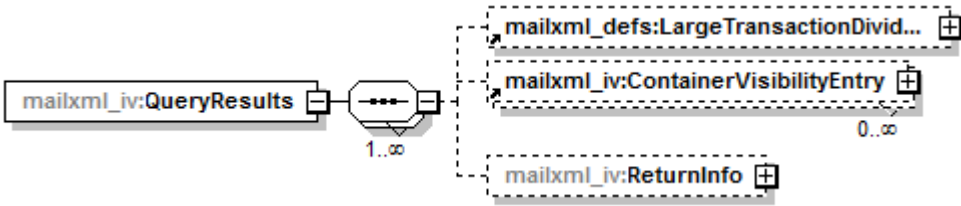
element **ContainerVisibilityQueryResponse/TrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:s20
properties	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/mailxml20.0/mailxml_iv
type	mailxml_base:s20
properties	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/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_defs:LargeTransactionDividerResult mailxml_iv:ContainerVisibilityEntry mailxml_iv:ReturnInfo

element **ContainerVisibilityQueryResponse/QueryResults/ReturnInfo**

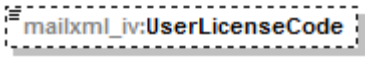
diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:basicReturnInfoType
properties	minOcc 0 maxOcc 1 content complex
children	mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock

element **IMbMailpieceScanData**

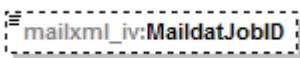
diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:MailBundleCount mailxml_iv:MPSCount mailxml_iv:IMcbAndIMtbPieceScanInfo mailxml_iv:IMcbPieceScanInfo mailxml_iv:IMtbPieceScanInfo mailxml_iv:IMbScanRec

	mailxml_iv:IMbScanRec
used by	elements MPSVisQueryResponse/QueryResults MPSVisDelivery

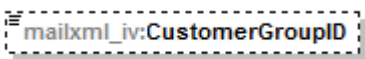
element **IMbMailpieceScanData/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:userLicenseCodeType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

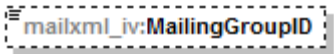
element **IMbMailpieceScanData/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:jobIDType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	


element **IMbMailpieceScanData/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s25		
properties	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/mailxml20.0/mailxml_iv
type	xs:nonNegativeInteger
properties	minOcc 0 maxOcc 1 content simple

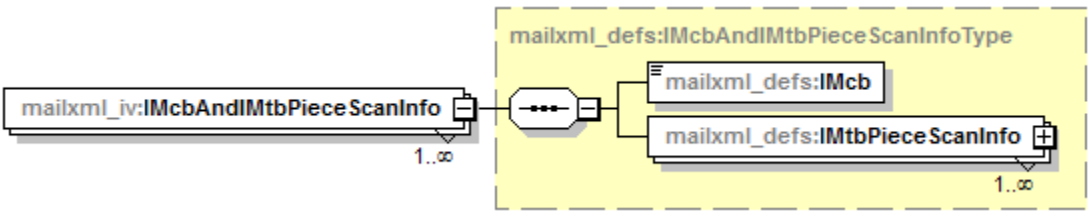
element **IMbMailpieceScanData/MailBundleCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:nonNegativeInteger
properties	content simple

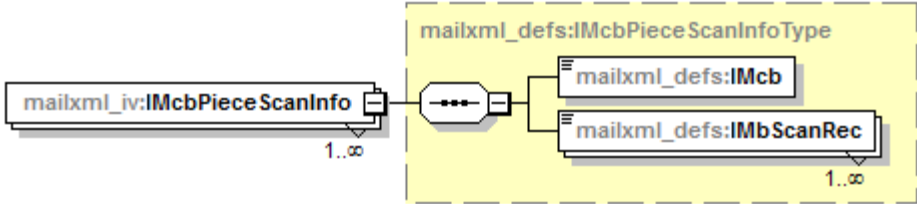
element **IMbMailpieceScanData/MPSCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:nonNegativeInteger
properties	content simple

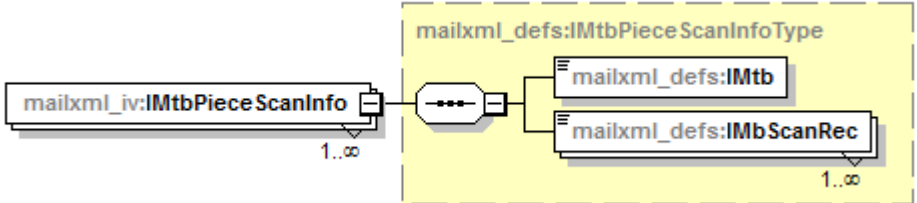
element **IMbMailpieceScanData/IMcbAndIMtbPieceScanInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:IMcbAndIMtbPieceScanInfoType
properties	minOcc 1 maxOcc unbounded content complex
children	mailxml_defs:IMcb mailxml_defs:IMtbPieceScanInfo

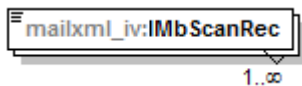
element **IMbMailpieceScanData/IMcbPieceScanInfo**

diagram	 <p>The diagram shows the structure of the <code>mailxml_iv:IMcbPieceScanInfo</code> element. It is a container element with a cardinality of <code>1..∞</code>. Inside, there is a choice element (indicated by a dashed line) that contains two sub-elements: <code>mailxml_defs:IMcb</code> and <code>mailxml_defs:IMbScanRec</code>. The <code>mailxml_defs:IMbScanRec</code> element has a cardinality of <code>1..∞</code>. The entire structure is enclosed in a dashed box labeled <code>mailxml_defs:IMcbPieceScanInfoType</code>.</p>
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:IMcbPieceScanInfoType
properties	minOcc 1 maxOcc unbounded content complex
children	mailxml_defs:IMcb mailxml_defs:IMbScanRec

element **IMbMailpieceScanData/IMtbPieceScanInfo**

diagram	 <p>The diagram shows the structure of the <code>mailxml_iv:IMtbPieceScanInfo</code> element. It is a container element with a cardinality of <code>1..∞</code>. Inside, there is a choice element (indicated by a dashed line) that contains two sub-elements: <code>mailxml_defs:IMtb</code> and <code>mailxml_defs:IMbScanRec</code>. The <code>mailxml_defs:IMbScanRec</code> element has a cardinality of <code>1..∞</code>. The entire structure is enclosed in a dashed box labeled <code>mailxml_defs:IMtbPieceScanInfoType</code>.</p>
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:IMtbPieceScanInfoType
properties	minOcc 1 maxOcc unbounded content complex
children	mailxml_defs:IMtb mailxml_defs:IMbScanRec

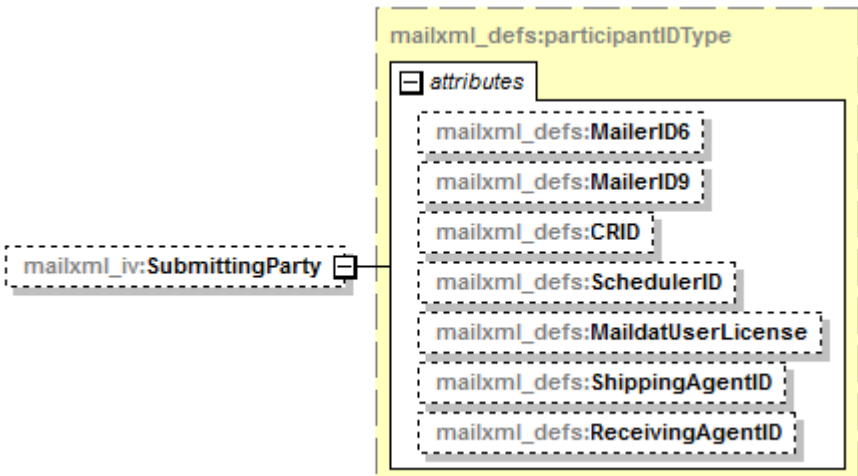
element **IMbMailpieceScanData/IMbScanRec**

diagram													
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv												
type	mailxml_base:s500												
properties	<table><tr><td>minOcc</td><td>1</td></tr><tr><td>maxOcc</td><td>unbounded</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	1	maxOcc	unbounded	content	simple						
minOcc	1												
maxOcc	unbounded												
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>500</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	500		whiteSpace	preserve	
Kind	Value	Annotation											
minLength	1												
maxLength	500												
whiteSpace	preserve												

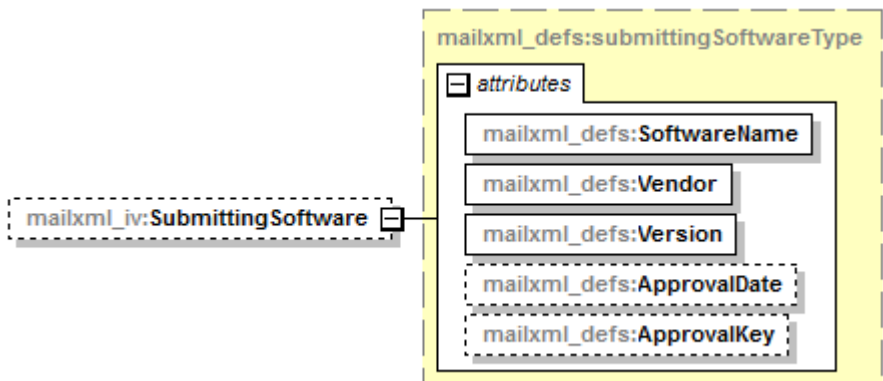
element **MPSVisDelivery**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
properties	content complex					
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:AssumedScans mailxml_iv:eDocType mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:IMbMailpieceScanData mailxml_iv:ManifestScanEvent mailxml_iv:UnManifestedScanEventDetail					
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**

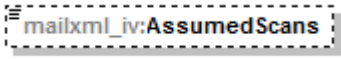
diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_defs:participantIDType					
properties	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MailerID6	mailxml_base:mailerID6Type				
	mailxml_defs:MailerID9	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**

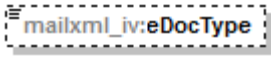
diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					

type	mailxml_defs:submittingSoftwareType					
properties	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				

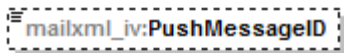
element **MPSVisDelivery/AssumedScans**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_base:yesNo					
properties	minOcc	0				
	maxOcc	1				
	content	simple				
facets	Kind	Value	Annotation			
	enumeration	Yes				
	enumeration	No				

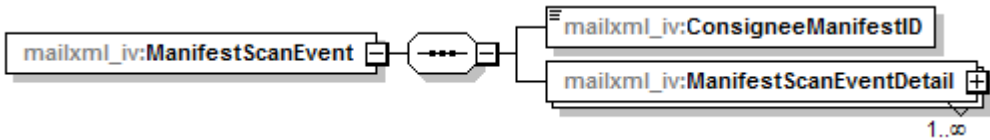
element **MPSVisDelivery/eDocType**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	<u>mailxml_iv:eDocTypeType</u>					
properties	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				

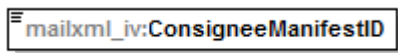
element **MPSVisDelivery/PushMessageID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s25		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

element **MPSVisDelivery/ManifestScanEvent**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_iv:ConsigneeManifestID mailxml_iv:ManifestScanEventDetail

element **MPSVisDelivery/ManifestScanEvent/ConsigneeManifestID**

diagram							
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv						
type	mailxml_base:ns22						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>[0-9]{22}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	[0-9]{22}	
Kind	Value	Annotation					
pattern	[0-9]{22}						

element **MPSVisDelivery/ManifestScanEvent/ManifestScanEventDetail**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_iv:manifestScanEventDetailType
properties	minOcc 1 maxOcc unbounded content complex
children	mailxml_iv:USPSEventExtractFileVersionNumber mailxml_iv:IMpb mailxml_iv:ElectronicFileNumber mailxml_iv:MailerID mailxml_iv:MailerName mailxml_iv:DestinationZipCode mailxml_iv:DestinationZipPlusFour mailxml_iv:ScanningFacilityZip mailxml_iv:ScanningFacilityName mailxml_iv:EventCode mailxml_iv:EventName mailxml_iv:EventDate mailxml_iv:EventTime mailxml_iv:MailerOwnerID mailxml_iv:CustomerReferenceID mailxml_iv:DestinationCountryCode mailxml_iv:RecipientName mailxml_iv:OriginalLabel mailxml_iv:UnitofMeasureCode mailxml_iv:Weight mailxml_iv:GuaranteedDeliveryDate mailxml_iv:GuaranteedDeliveryTime mailxml_iv:LogisticsManagerMailerID

	mailxml_iv:GuaranteedDeliveryDate mailxml_iv:GuaranteedDeliveryTime mailxml_iv:LogisticsManagerMailerID
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element **MPSVisDelivery/UnManifestedScanEventDetail**

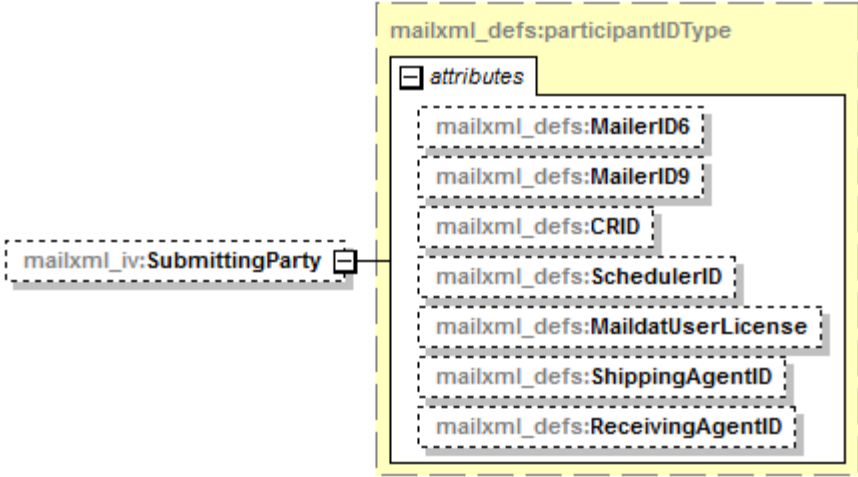
diagram	<p>The diagram illustrates the structure of the <code>mailxml_iv:UnManifestedScanEventDetailType</code> element. It is a complex type containing a sequence of child elements. The root element is <code>mailxml_iv:UnManifestedScanEventD...</code> with a cardinality of <code>1..∞</code>. The child elements are:</p> <ul style="list-style-type: none"> <code>mailxml_iv:USPSEventExtractFileVersi...</code> <code>mailxml_iv:IMpb</code> <code>mailxml_iv:ElectronicFileNumber</code> <code>mailxml_iv:MailerID</code> (optional, indicated by a plus sign in a box) <code>mailxml_iv:MailerName</code> <code>mailxml_iv:DestinationZipCode</code> <code>mailxml_iv:DestinationZipPlusFour</code> <code>mailxml_iv:ScanningFacilityZip</code> <code>mailxml_iv:ScanningFacilityName</code> <code>mailxml_iv:EventCode</code> <code>mailxml_iv:EventName</code> <code>mailxml_iv:EventDate</code> <code>mailxml_iv:EventTime</code> <code>mailxml_iv:MailerOwnerID</code> (optional, indicated by a plus sign in a box) <code>mailxml_iv:CustomerReferenceID</code> <code>mailxml_iv:DestinationCountryCode</code> <code>mailxml_iv:RecipientName</code> <code>mailxml_iv:OriginalLabel</code> <code>mailxml_iv:UnitofMeasureCode</code> <code>mailxml_iv:Weight</code> <code>mailxml_iv:GuaranteedDeliveryDate</code> <code>mailxml_iv:GuaranteedDeliveryTime</code> <code>mailxml_iv:LogisticsManagerMailerID</code> (optional, indicated by a plus sign in a box)
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_iv:manifestScanEventDetailType
properties	minOcc 1 maxOcc unbounded content complex
children	mailxml_iv:USPSEventExtractFileVersionNumber mailxml_iv:IMpb mailxml_iv:ElectronicFileNumber

	mailxml_iv:MailerID mailxml_iv:MailerName mailxml_iv:DestinationZipCode mailxml_iv:DestinationZipPlusFour mailxml_iv:ScanningFacilityZip mailxml_iv:ScanningFacilityName mailxml_iv:EventCode mailxml_iv:EventName mailxml_iv:EventDate mailxml_iv:EventTime mailxml_iv:MailerOwnerID mailxml_iv:CustomerReferenceID mailxml_iv:DestinationCountryCode mailxml_iv:RecipientName mailxml_iv:OriginalLabel mailxml_iv:UnitofMeasureCode mailxml_iv:Weight mailxml_iv:GuaranteedDeliveryDate mailxml_iv:GuaranteedDeliveryTime mailxml_iv:LogisticsManagerMailerID
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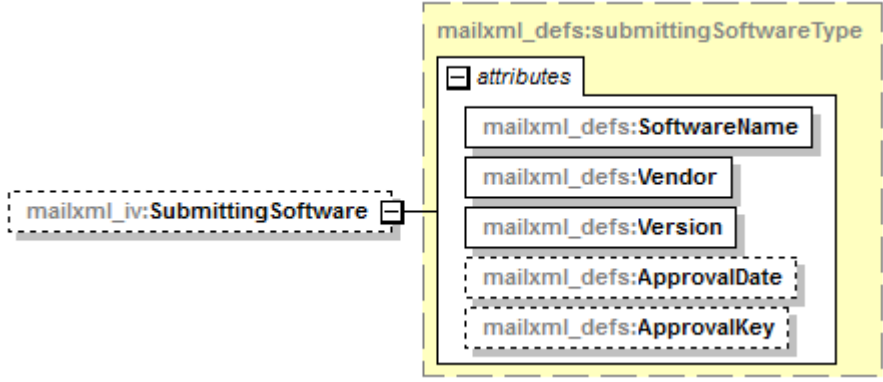
element **MPSVisNotification**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:AssumedScans mailxml_iv:eDocType mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:AvailableRecordCount mailxml_iv:NotificationDate mailxml_iv:MPSNotificationData mailxml_iv:ManifestScanNotification
annotation	documentation Notification from USPS that the Mail Piece Scanned Data is ready.

element **MPSVisNotification/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_defs:participantIDType					
properties	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:MaidatUserLicense	mailxml_base:userLicenseCodeType				
	mailxml_defs:ShippingAgentID	mailxml_base:s12				
	mailxml_defs:ReceivingAgentID	mailxml_base:s12				

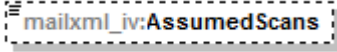
element **MPSVisNotification/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					

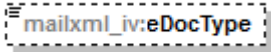
MailXML Version 20.0 Informed Visibility Specification

properties	minOcc 0 maxOcc 1 content complex					
attributes	Name mailxml_defs:SoftwareName mailxml_defs:Vendor mailxml_defs:Version mailxml_defs:ApprovalDate mailxml_defs:ApprovalKey	Type xs:string xs:string xs:string xs:date xs:string	Use required required required	Default	Fixed	Annotation

element **MPSVisNotification/AssumedScans**

diagram					
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv				
type	mailxml_base:yesNo				
properties	minOcc 0 maxOcc 1 content simple				
facets	Kind enumeration enumeration	Value Yes No	Annotation		

element **MPSVisNotification/eDocType**

diagram					
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv				
type	mailxml_iv:eDocType				
properties	minOcc 0 maxOcc 1 content simple				
facets	Kind enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration	Value 101 102 103 104 105 106 107 108 109 110	Annotation		


element **MPSVisNotification/PushMessageID**

diagram					
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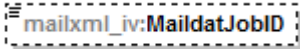
MailXML Version 20.0 Informed Visibility Specification

namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s25		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

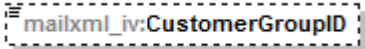
element **MPSVisNotification/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:userLicenseCodeType		
properties	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/mailxml20.0/mailxml_iv		
type	mailxml_base:jobIDType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	


element **MPSVisNotification/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s25		
properties	minOcc	0	
	maxOcc	1	
	content	simple	


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facets	Kind	Value	Annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	


element **MPSVisNotification/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:nonNegativeInteger
properties	minOcc 0 maxOcc 1 content simple

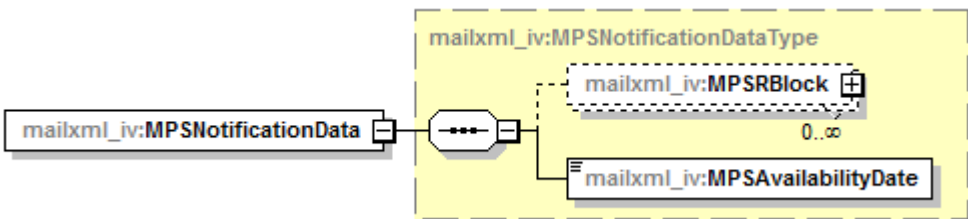
element **MPSVisNotification/AvailableRecordCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:nonNegativeInteger
properties	content simple

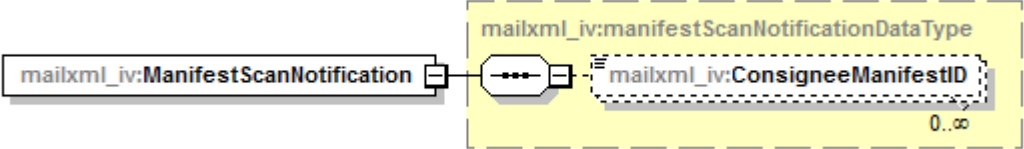
element **MPSVisNotification/NotificationDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	content simple

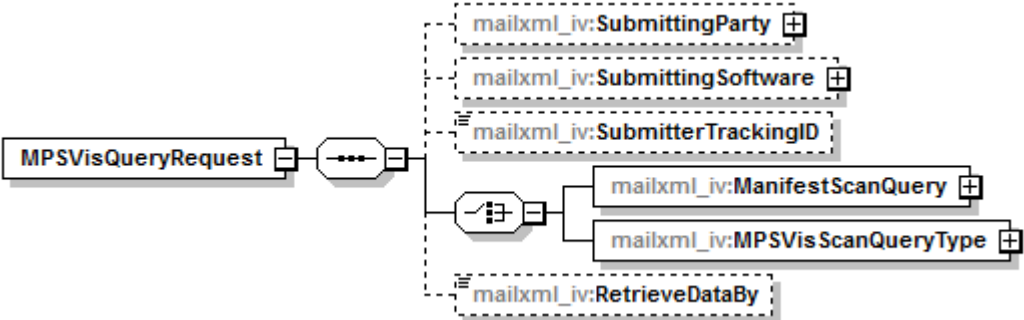
element **MPSVisNotification/MPSNotificationData**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_iv:MPSNotificationDataType
properties	content complex
children	mailxml_iv:MPSRBlock mailxml_iv:MPSAvailabilityDate

element **MPSVisNotification/ManifestScanNotification**

diagram	 <p>The diagram shows the manifestScanNotification element (labeled <code>manifestScanNotification</code>) connected to a container box labeled <code>manifestScanNotificationDataType</code>. Inside this container, there is a dashed box labeled <code>ConsigneeManifestID</code> with a cardinality of <code>0..∞</code>.</p>
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_iv:manifestScanNotificationDataType
properties	content complex
children	mailxml_iv:ConsigneeManifestID

element **MPSVisQueryRequest**

diagram	 <p>The diagram shows the MPSVisQueryRequest element connected to a container box. Inside this container, there is a dashed box containing three elements: <code>SubmittingParty</code>, <code>SubmittingSoftware</code>, and <code>SubmitterTrackingID</code>. Below this dashed box is another dashed box containing <code>RetrieveDataBy</code>. To the right of the container, there is a box containing <code>ManifestScanQuery</code> and <code>MPSVisScanQueryType</code>.</p>
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:SubmitterTrackingID mailxml_iv:ManifestScanQuery mailxml_iv:MPSVisScanQueryType mailxml_iv:RetrieveDataBy

element **MPSVisQueryRequest/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_defs:participantIDType					
properties	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:MaidatUserLicense	mailxml_base:userLicenseCodeType				
	mailxml_defs:ShippingAgentID	mailxml_base:s12				
	mailxml_defs:ReceivingAgentID	mailxml_base:s12				

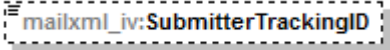
element **MPSVisQueryRequest/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					

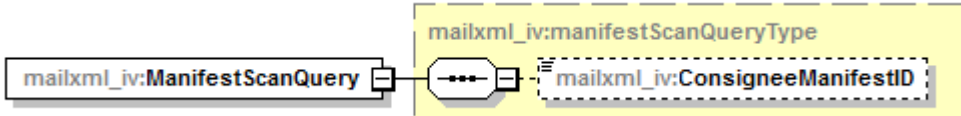
MailXML Version 20.0 Informed Visibility Specification

properties	minOcc 0 maxOcc 1 content complex					
attributes	Name mailxml_defs:SoftwareName mailxml_defs:Vendor mailxml_defs:Version mailxml_defs:ApprovalDate mailxml_defs:ApprovalKey	Type xs:string xs:string xs:string xs:date xs:string	Use required required required	Default	Fixed	Annotation

element **MPSVisQueryRequest/SubmitterTrackingID**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_base:s20					
properties	minOcc 0 maxOcc 1 content simple					
facets	Kind Value Annotation minLength 1 maxLength 20 whiteSpace preserve					

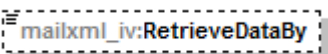
element **MPSVisQueryRequest/ManifestScanQuery**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_iv:manifestScanQueryType
properties	content complex
children	mailxml_iv:ConsigneeManifestID

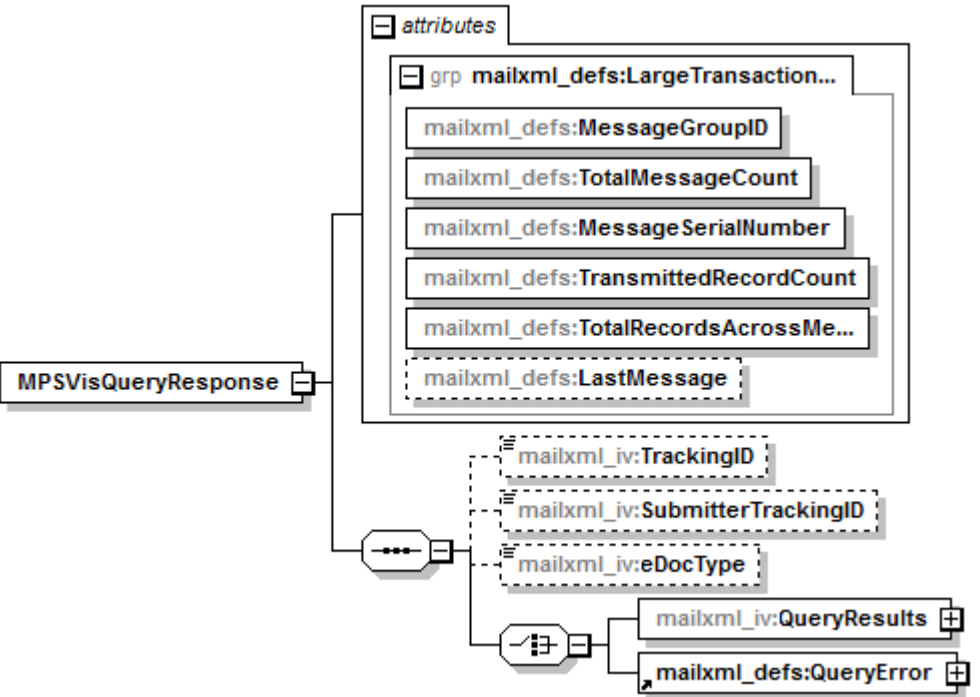
element **MPSVisQueryRequest/MPSVisScanQueryType**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_iv:MPSVisScanQueryType
properties	content complex
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:ResultOptions mailxml_iv:RangeLowerDate mailxml_iv:RangeUpperDate mailxml_iv:MID6OnThePiece mailxml_iv:MID9OnThePiece mailxml_iv:FacilityLocaleKey mailxml_iv:EventType mailxml_iv:Bundle ScanType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:BundleID mailxml_iv:FieldIncludedScanRecFlag

element **MPSVisQueryRequest/RetrieveDataBy**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_defs:retrieveDataByType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	FS	
	enumeration	NFS	
	enumeration	Both	


element **MPSVisQueryResponse**

diagram	 <p>The diagram shows the structure of the MPSVisQueryResponse element. It has an attributes group containing a grp mailxml_defs:LargeTransaction... group. This group contains several elements: mailxml_defs:MessageGroupID, mailxml_defs:TotalMessageCount, mailxml_defs:MessageSerialNumber, mailxml_defs:TransmittedRecordCount, mailxml_defs:TotalRecordsAcrossMe..., and mailxml_defs:LastMessage. Below the attributes group, there is a choice of three elements: mailxml_iv:TrackingID, mailxml_iv:SubmitterTrackingID, and mailxml_iv:eDocType. Finally, there is a choice of two elements: mailxml_iv:QueryResults and mailxml_defs:QueryError.</p>					
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
properties	content complex					
children	mailxml_iv:TrackingID mailxml_iv:SubmitterTrackingID mailxml_iv:eDocType mailxml_iv:QueryResults 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			

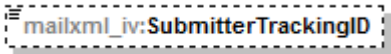
MailXML Version 20.0 Informed Visibility Specification

	mailxml_defs:TransmittedRecordCount	xs:positiveInteger	required	
	mailxml_defs:TotalRecordsAcrossMessages	xs:positiveInteger	required	
	mailxml_defs:LastMessage	mailxml_base:yesNo	optional	No

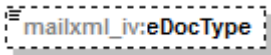
element **MPSVisQueryResponse/TrackingID**

diagram				
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv			
type	mailxml_base:s20			
properties	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/mailxml20.0/mailxml_iv			
type	mailxml_base:s20			
properties	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/mailxml20.0/mailxml_iv			
type	mailxml_iv:eDocTypeType			
properties	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	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_defs:LargeTransactionDividerResult mailxml_iv:ReturnInfo mailxml_iv:IMbMailpieceScanData mailxml_iv:ManifestScanEvent mailxml_iv:UnManifestedScanEventDetail

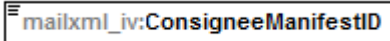
element MPSVisQueryResponse/QueryResults/ReturnInfo

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:basicReturnInfoType
properties	minOcc 0 maxOcc 1 content complex
children	mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock

element **MPSVisQueryResponse/QueryResults/ManifestScanEvent**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_iv:ConsigneeManifestID mailxml_iv:ManifestScanEventDetail

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

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s22		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	22	
	whiteSpace	preserve	

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

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_iv:manifestScanEventDetailType
properties	minOcc 1 maxOcc unbounded content complex
children	mailxml_iv:USPSEventExtractFileVersionNumber mailxml_iv:IMpb mailxml_iv:ElectronicFileNumber mailxml_iv:MailerID mailxml_iv:MailerName mailxml_iv:DestinationZipCode mailxml_iv:DestinationZipPlusFour mailxml_iv:ScanningFacilityZip mailxml_iv:ScanningFacilityName mailxml_iv:EventCode mailxml_iv:EventName mailxml_iv:EventDate mailxml_iv:EventTime mailxml_iv:MailerOwnerID mailxml_iv:CustomerReferenceID mailxml_iv:DestinationCountryCode mailxml_iv:RecipientName mailxml_iv:OriginalLabel mailxml_iv:UnitofMeasureCode mailxml_iv:Weight mailxml_iv:GuaranteedDeliveryDate mailxml_iv:GuaranteedDeliveryTime mailxml_iv:LogisticsManagerMailerID

	mailxml_iv:GuaranteedDeliveryDate mailxml_iv:GuaranteedDeliveryTime mailxml_iv:LogisticsManagerMailerID
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element **MPSVisQueryResponse/QueryResults/UnManifestedScanEventDetail**

diagram	<p>The diagram illustrates the structure of the <code>mailxml_iv:UnManifestedScanEventDetailType</code> element. It is a complex type containing a sequence of child elements. The root element is <code>mailxml_iv:UnManifestedScanEventD...</code> with a cardinality of <code>1..∞</code>. The child elements are:</p> <ul style="list-style-type: none"> <code>mailxml_iv:USPSEventExtractFileVersi...</code> <code>mailxml_iv:IMpb</code> <code>mailxml_iv:ElectronicFileNumber</code> <code>mailxml_iv:MailerID</code> (optional, indicated by a plus sign in a box) <code>mailxml_iv:MailerName</code> <code>mailxml_iv:DestinationZipCode</code> <code>mailxml_iv:DestinationZipPlusFour</code> <code>mailxml_iv:ScanningFacilityZip</code> <code>mailxml_iv:ScanningFacilityName</code> <code>mailxml_iv:EventCode</code> <code>mailxml_iv:EventName</code> <code>mailxml_iv:EventDate</code> <code>mailxml_iv:EventTime</code> <code>mailxml_iv:MailerOwnerID</code> (optional, indicated by a plus sign in a box) <code>mailxml_iv:CustomerReferenceID</code> <code>mailxml_iv:DestinationCountryCode</code> <code>mailxml_iv:RecipientName</code> <code>mailxml_iv:OriginalLabel</code> <code>mailxml_iv:UnitofMeasureCode</code> <code>mailxml_iv:Weight</code> <code>mailxml_iv:GuaranteedDeliveryDate</code> <code>mailxml_iv:GuaranteedDeliveryTime</code> <code>mailxml_iv:LogisticsManagerMailerID</code> (optional, indicated by a plus sign in a box)
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_iv:manifestScanEventDetailType
properties	minOcc 1 maxOcc unbounded content complex
children	mailxml_iv:USPSEventExtractFileVersionNumber mailxml_iv:IMpb mailxml_iv:ElectronicFileNumber

	mailxml iv:MailerID mailxml iv:MailerName mailxml iv:DestinationZipCode mailxml iv:DestinationZipPlusFour mailxml iv:ScanningFacilityZip mailxml iv:ScanningFacilityName mailxml iv:EventCode mailxml iv:EventName mailxml iv:EventDate mailxml iv:EventTime mailxml iv:MailerOwnerID mailxml iv:CustomerReferenceID mailxml iv:DestinationCountryCode mailxml iv:RecipientName mailxml iv:OriginalLabel mailxml iv:UnitofMeasureCode mailxml iv:Weight mailxml iv:GuaranteedDeliveryDate mailxml iv:GuaranteedDeliveryTime mailxml iv:LogisticsManagerMailerID
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element **StartTheClockBMEUBlock**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml iv:StartTheClockBMEU
used by	complexType clockStartedType


element **StartTheClockBMEUBlock/StartTheClockBMEU**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	minOcc 1 maxOcc unbounded content complex
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:PublicationNumber mailxml_iv:MailClass mailxml_iv:ProcessingCategory mailxml_iv:OriginFacilityName mailxml_iv:OriginFacilityLocaleKey mailxml_iv:ArrivalDateTime mailxml_iv:StartTheClockDate mailxml_iv:FullServiceComplianceIndicator mailxml_iv:FullServiceNonComplianceReasonCode mailxml_iv:FSNonFSAvailabilityDate mailxml_iv:FullServiceIndicator mailxml_iv:ContainerID mailxml_iv:ContainerType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMpb

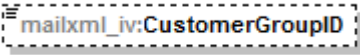
element **StartTheClockBMEUBlock/StartTheClockBMEU/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:userLicenseCodeType		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	


element **StartTheClockBMEUBlock/StartTheClockBMEU/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:jobIDType		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	


element **StartTheClockBMEUBlock/StartTheClockBMEU/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s25		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

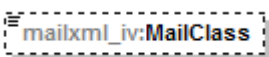
element **StartTheClockBMEUBlock/StartTheClockBMEU/MailingGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	xs:nonNegativeInteger		
properties	content simple		

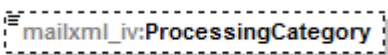
element **StartTheClockBMEUBlock/StartTheClockBMEU/PublicationNumber**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s08		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

element **StartTheClockBMEUBlock/StartTheClockBMEU/MailClass**


diagram																			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv																		
type	mailxml_base:mailClassType																		
properties	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>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></tbody></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 **StartTheClockBMEUBlock/StartTheClockBMEU/ProcessingCategory**

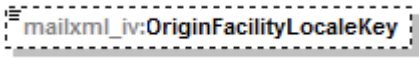
diagram																						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv																					
type	mailxml_base:processingCategoryType																					
properties	minOcc 0 maxOcc 1 content simple																					
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>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></tbody></table>	Kind	Value	Annotation	enumeration	LT		enumeration	FL		enumeration	CD		enumeration	OS		enumeration	MP		enumeration	IR	
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

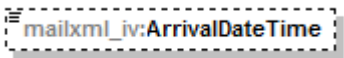
element **StartTheClockBMEUBlock/StartTheClockBMEU/OriginFacilityName**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s50		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	50	
	whiteSpace	preserve	

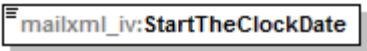
element **StartTheClockBMEUBlock/StartTheClockBMEU/OriginFacilityLocaleKey**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:localeKeyType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	9	
	whiteSpace	preserve	

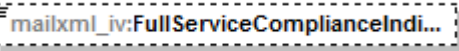
element **StartTheClockBMEUBlock/StartTheClockBMEU/ArrivalDateTime**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	xs:dateTime		
properties	minOcc	0	
	maxOcc	1	
	content	simple	

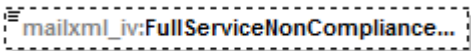
element **StartTheClockBMEUBlock/StartTheClockBMEU/StartTheClockDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	content simple

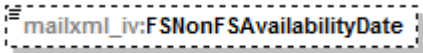
element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceComplianceIndicator**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_defs:fullServiceComplianceIndicatorType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

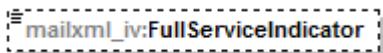
element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceNonComplianceReasonCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_defs:reasonCodeType		
properties	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/mailxml20.0/mailxml_iv
type	xs:date
properties	minOcc 0 maxOcc 1 content simple

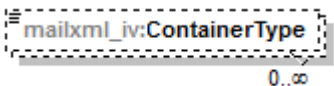
element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceIndicator**

diagram										
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv									
type	mailxml_base:yesNo									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>Yes</td><td></td></tr><tr><td>enumeration</td><td>No</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Yes		enumeration	No	
Kind	Value	Annotation								
enumeration	Yes									
enumeration	No									

element **StartTheClockBMEUBlock/StartTheClockBMEU/ContainerID**

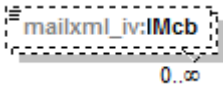
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s06		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	

element **StartTheClockBMEUBlock/StartTheClockBMEU/ContainerType**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:mailXMLContainerType
properties	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	
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	enumeration	CT	
	enumeration	M	
	enumeration	AB	
	enumeration	Y	

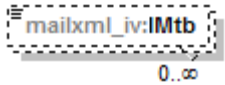
element **StartTheClockBMEUBlock/StartTheClockBMEU/IMcb**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:IMcbType

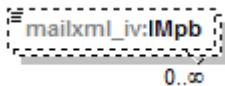
MailXML Version 20.0 Informed Visibility Specification

properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 21 maxLength 24

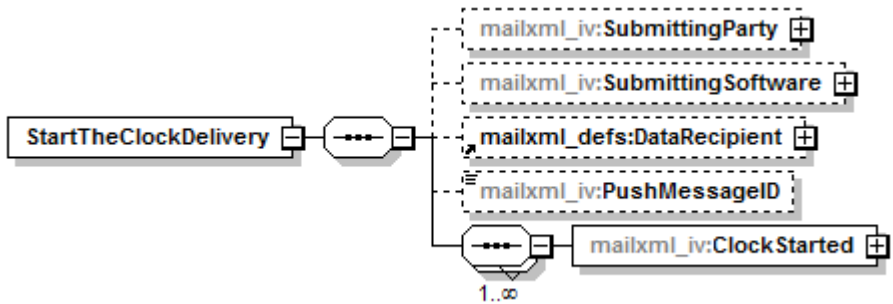
element **StartTheClockBMEUBlock/StartTheClockBMEU/IMtb**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:IMtbType
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 24 maxLength 24

element **StartTheClockBMEUBlock/StartTheClockBMEU/IMpb**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:IMpbType
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 21 maxLength 34

element **StartTheClockDelivery**

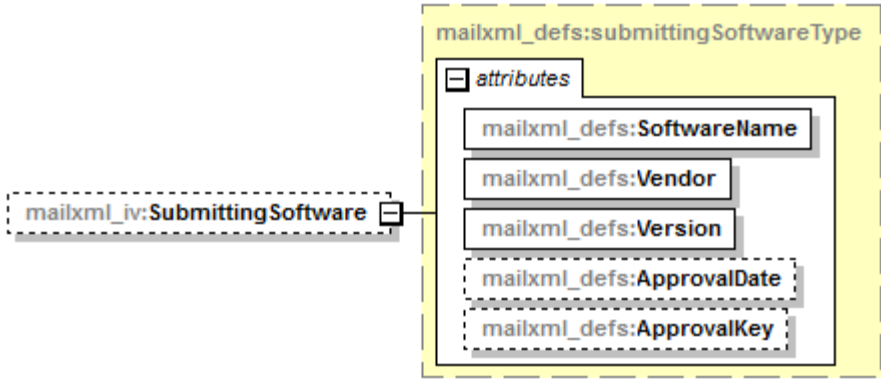
diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex

children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:ClockStarted
annotation	documentation Delivery of start the clock information to customer by USPS.

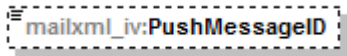
element **StartTheClockDelivery/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_defs:participantIDType					
properties	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/mailxml20.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
properties	minOcc	0				
	maxOcc	1				
	content	complex				
attributes	Name		Type	Use	Default	Fixed
	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**

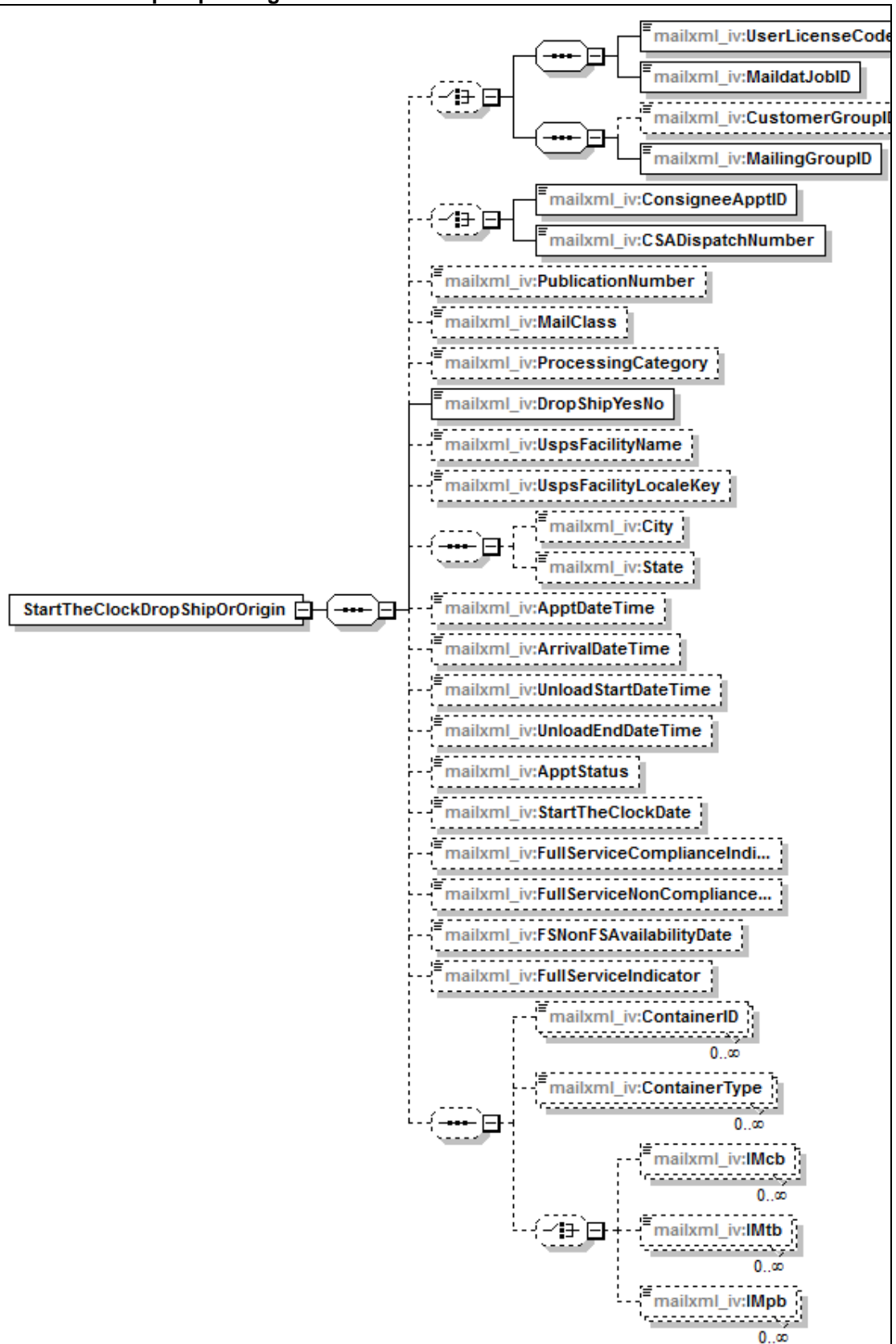
diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_base:s25					
properties	minOcc	0				
	maxOcc	1				
	content	simple				
facets	Kind	Value	Annotation			
	minLength	1				
	maxLength	25				
	whiteSpace	preserve				

element **StartTheClockDelivery/ClockStarted**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_iv:clockStartedType
properties	content complex
children	mailxml_iv:StartTheClockBMEUBlock mailxml_iv:StartTheClockDropShipOrOriginBlock mailxml_iv:StartTheClockPlantLoadBlock

element **StartTheClockDropShipOrOrigin**


diagram



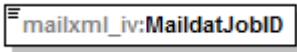
MailXML Version 20.0 Informed Visibility Specification

namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml iv:UserLicenseCode mailxml iv:MaildatJobID mailxml iv:CustomerGroupID mailxml iv:MailingGroupID mailxml iv:ConsigneeApptID mailxml iv:CSADispatchNumber mailxml iv:PublicationNumber mailxml iv:MailClass mailxml iv:ProcessingCategory mailxml iv:DropShipYesNo mailxml iv:UspsFacilityName mailxml iv:UspsFacilityLocaleKey mailxml iv:City mailxml iv:State mailxml iv:ApptDateTime mailxml iv:ArrivalDateTime mailxml iv:UnloadStartDateTime mailxml iv:UnloadEndDateTime mailxml iv:ApptStatus mailxml iv:StartTheClockDate mailxml iv:FullServiceComplianceIndicator mailxml iv:FullServiceNonComplianceReasonCode mailxml iv:FSNonFSAvailabilityDate mailxml iv:FullServiceIndicator mailxml iv:ContainerID mailxml iv:ContainerType mailxml iv:IMcb mailxml iv:IMtb mailxml iv:IMpb
used by	element clockStartedType/StartTheClockDropShipOrOriginBlock

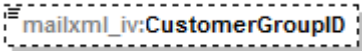
element StartTheClockDropShipOrOrigin/UserLicenseCode

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:userLicenseCodeType		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

element StartTheClockDropShipOrOrigin/MaildatJobID

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:jobIDType		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	


element StartTheClockDropShipOrOrigin/CustomerGroupID

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s25		
properties	minOcc	0	
	maxOcc	1	

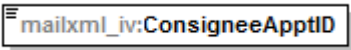
MailXML Version 20.0 Informed Visibility Specification

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

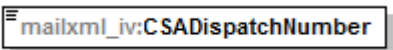
element **StartTheClockDropShipOrOrigin/MailingGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	xs:nonNegativeInteger		
properties	content	simple	

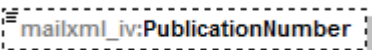
element **StartTheClockDropShipOrOrigin/ConsigneeApptID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s10		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	10	
	whiteSpace	preserve	

element **StartTheClockDropShipOrOrigin/CSADispatchNumber**

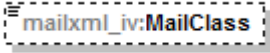
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s10		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	10	
	whiteSpace	preserve	

element **StartTheClockDropShipOrOrigin/PublicationNumber**

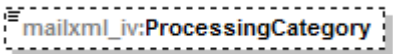
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		

type	mailxml_base:s08		
properties	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/mailxml20.0/mailxml_iv		
type	mailxml_base:mailClassType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	

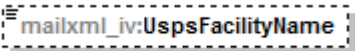
element StartTheClockDropShipOrOrigin/ProcessingCategory

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:processingCategoryType		
properties	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	

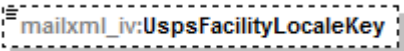
element **StartTheClockDropShipOrOrigin/DropShipYesNo**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:yesNo		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	


element **StartTheClockDropShipOrOrigin/UspsFacilityName**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s50		
properties	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/mailxml20.0/mailxml_iv		
type	mailxml_base:localeKeyType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	9	
	whiteSpace	preserve	

element **StartTheClockDropShipOrOrigin/City**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s45		
properties	minOcc	0	
	maxOcc	1	

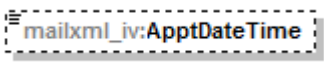
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	45	
	whiteSpace	preserve	

element StartTheClockDropShipOrOrigin/State

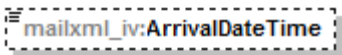
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:stateCode		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	AA	
	enumeration	AE	
	enumeration	AP	
	enumeration	AL	
	enumeration	AK	
	enumeration	AS	
	enumeration	AZ	
	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

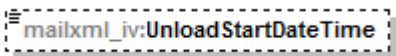
element **StartTheClockDropShipOrOrigin/ApptDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple

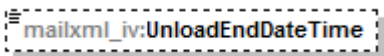
element **StartTheClockDropShipOrOrigin/ArrivalDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple

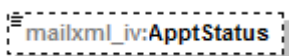
element **StartTheClockDropShipOrOrigin/UnloadStartDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple

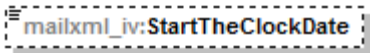
element **StartTheClockDropShipOrOrigin/UnloadEndDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple

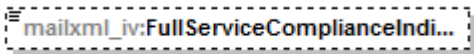
element **StartTheClockDropShipOrOrigin/ApptStatus**

diagram																			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv																		
type	mailxml_base:apptStatusType																		
properties	<table><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>	minOcc	0	maxOcc	1	content	simple												
minOcc	0																		
maxOcc	1																		
content	simple																		
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>Open</td><td></td></tr><tr><td>enumeration</td><td>Closed</td><td></td></tr><tr><td>enumeration</td><td>No Show</td><td></td></tr><tr><td>enumeration</td><td>Unscheduled</td><td></td></tr><tr><td>enumeration</td><td>Rejected</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Open		enumeration	Closed		enumeration	No Show		enumeration	Unscheduled		enumeration	Rejected	
Kind	Value	Annotation																	
enumeration	Open																		
enumeration	Closed																		
enumeration	No Show																		
enumeration	Unscheduled																		
enumeration	Rejected																		

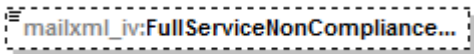
element **StartTheClockDropShipOrOrigin/StartTheClockDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	minOcc 0 maxOcc 1 content simple

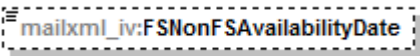
element **StartTheClockDropShipOrOrigin/FullServiceComplianceIndicator**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:fullServiceComplianceIndicatorType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration Yes enumeration No

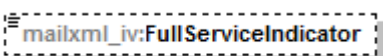
element **StartTheClockDropShipOrOrigin/FullServiceNonComplianceReasonCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:reasonCodeType
properties	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/mailxml20.0/mailxml_iv
type	xs:date
properties	minOcc 0 maxOcc 1 content simple


element **StartTheClockDropShipOrOrigin/FullServiceIndicator**

diagram										
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv									
type	mailxml_base:yesNo									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>Yes</td><td></td></tr><tr><td>enumeration</td><td>No</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Yes		enumeration	No	
Kind	Value	Annotation								
enumeration	Yes									
enumeration	No									

element **StartTheClockDropShipOrOrigin/ContainerID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s06		
properties	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/mailxml20.0/mailxml_iv
type	mailxml_base:mailXMLContainerType

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properties	minOcc 0 maxOcc unbounded content simple
facets	<div>Kind Value Annotation</div> <div>enumeration 1</div> <div>enumeration 2</div> <div>enumeration 3</div> <div>enumeration 4</div> <div>enumeration 5</div> <div>enumeration 6</div> <div>enumeration 7</div> <div>enumeration 8</div> <div>enumeration 9</div> <div>enumeration 10</div> <div>enumeration 11</div> <div>enumeration 12</div> <div>enumeration 13</div> <div>enumeration 14</div> <div>enumeration E</div> <div>enumeration F</div> <div>enumeration L</div> <div>enumeration O</div> <div>enumeration P</div> <div>enumeration S</div> <div>enumeration T</div> <div>enumeration V</div> <div>enumeration B</div> <div>enumeration U</div> <div>enumeration Z</div> <div>enumeration X</div> <div>enumeration H</div> <div>enumeration A</div> <div>enumeration G</div> <div>enumeration D</div> <div>enumeration R</div> <div>enumeration C</div> <div>enumeration CT</div> <div>enumeration M</div> <div>enumeration AB</div> <div>enumeration Y</div>

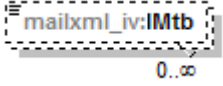
element **StartTheClockDropShipOrOrigin/IMcb**

diagram	
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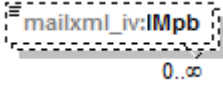
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namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:IMcbType		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	minLength	21	
	maxLength	24	

element **StartTheClockDropShipOrOrigin/IMtb**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:IMtbType		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	minLength	24	
	maxLength	24	

element **StartTheClockDropShipOrOrigin/IMpb**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:IMpbType		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	minLength	21	
	maxLength	34	

element **StartTheClockNotification**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:FSNonFSAvailabilityDate mailxml_iv:NotificationDate
annotation	documentation Notification from USPS that start the clock information is ready to be picked up.

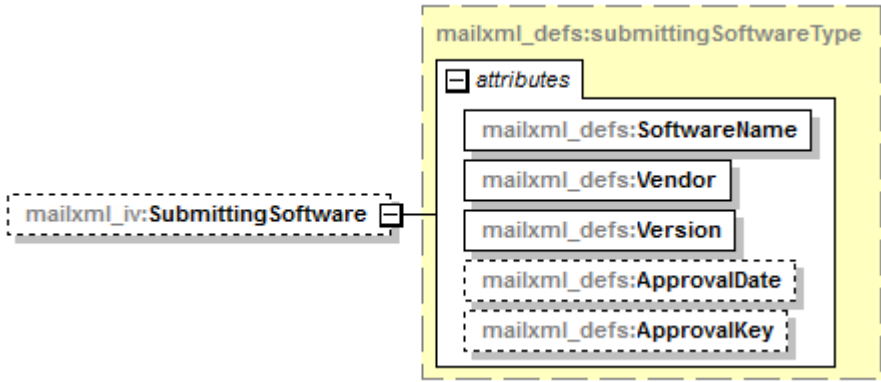
element **StartTheClockNotification/SubmittingParty**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:participantIDType
properties	minOcc 0 maxOcc 1 content complex

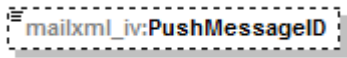
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attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MailerID6	mailxml_base:mailerID6Type				
	mailxml_defs:MailerID9	mailxml_base:mailerID9Type				
	mailxml_defs:CRID	mailxml_base:CRIDType				
	mailxml_defs:SchedulerID	mailxml_base:s12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

element StartTheClockNotification/SubmittingSoftware


diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
properties	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 StartTheClockNotification/PushMessageID


diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_base:s25					
properties	minOcc	0	maxOcc	1	content	simple
facets	Kind	Value	Annotation			
	minLength	1				
	maxLength	25				

	whiteSpace	preserve
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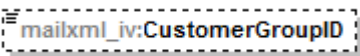
element **StartTheClockNotification/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:userLicenseCodeType		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	


element **StartTheClockNotification/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:jobIDType		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

element **StartTheClockNotification/CustomerGroupID**

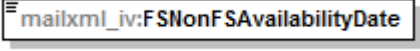
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s25		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

element **StartTheClockNotification/MailingGroupID**


diagram			
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namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:nonNegativeInteger
properties	content simple

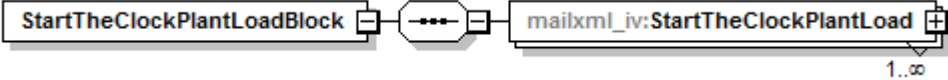
element StartTheClockNotification/FSNonFSAvailabilityDate

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	content simple

element StartTheClockNotification/NotificationDate

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	content simple


element StartTheClockPlantLoadBlock

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_iv:StartTheClockPlantLoad
used by	complexType clockStartedType


element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	minOcc 1 maxOcc unbounded content complex
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:PublicationNumber mailxml_iv:CSADispatchNumber mailxml_iv:MailClass mailxml_iv:ProcessingCategory mailxml_iv:OriginFacilityName mailxml_iv:OriginFacilityLocaleKey mailxml_iv:MailReleasedDateTime mailxml_iv:StartTheClockDate mailxml_iv:FullServiceComplianceIndicator mailxml_iv:FullServiceNonComplianceReasonCode mailxml_iv:FSNonFSAvailabilityDate mailxml_iv:FullServiceIndicator mailxml_iv:ContainerID mailxml_iv:ContainerType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMpb

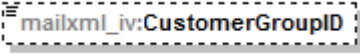
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:userLicenseCodeType		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

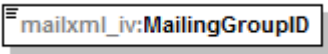
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:jobIDType		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

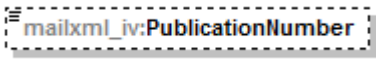
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s25		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

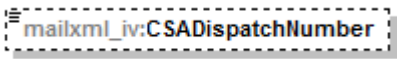
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailingGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	xs:nonNegativeInteger		
properties	content simple		

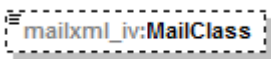
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/PublicationNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:s08
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 8 whiteSpace preserve

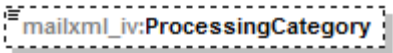
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/CSADispatchNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:s10
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 10 whiteSpace preserve

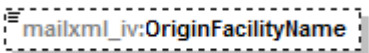
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailClass**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:mailClassType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 1 enumeration 2 enumeration 3 enumeration 4 enumeration 6

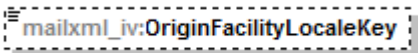
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ProcessingCategory**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:processingCategoryType		
properties	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 **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/OriginFacilityName**


diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s50		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	50	
	whiteSpace	preserve	

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/OriginFacilityLocaleKey**


diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:localeKeyType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	9	

	whiteSpace preserve
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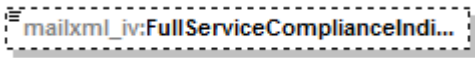
element StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailReleasedDateTime

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple

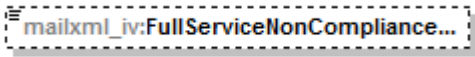
element StartTheClockPlantLoadBlock/StartTheClockPlantLoad/StartTheClockDate

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	minOcc 0 maxOcc 1 content simple

element StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceComplianceIndicator

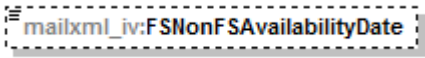
diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:fullServiceComplianceIndicatorType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration Yes enumeration No

element StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceNonComplianceReasonCode

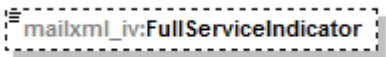
diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:reasonCodeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration A

	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/mailxml20.0/mailxml_iv
type	xs:date
properties	minOcc 0 maxOcc 1 content simple

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceIndicator**


diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:yesNo
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration Yes enumeration No

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ContainerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:s06

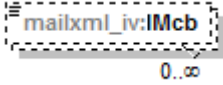
properties	minOcc 0 maxOcc unbounded content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>6</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	6		whiteSpace	preserve	
Kind	Value	Annotation											
minLength	1												
maxLength	6												
whiteSpace	preserve												

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ContainerType**

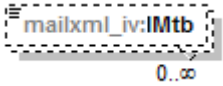
diagram																																																																																											
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv																																																																																										
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Kind	Value	Annotation																																																																																									
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	enumeration	R
	enumeration	C
	enumeration	CT
	enumeration	M
	enumeration	AB
	enumeration	Y

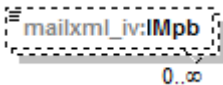
element StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMcb

diagram		
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv	
type	mailxml_base:IMcbType	
properties	minOcc	0
	maxOcc	unbounded
	content	simple
facets	Kind	Value Annotation
	minLength	21
	maxLength	24

element StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMtb

diagram		
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv	
type	mailxml_base:IMtbType	
properties	minOcc	0
	maxOcc	unbounded
	content	simple
facets	Kind	Value Annotation
	minLength	24
	maxLength	24

element StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMpb

diagram		
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv	
type	mailxml_base:IMpbType	
properties	minOcc	0
	maxOcc	unbounded
	content	simple
facets	Kind	Value Annotation
	minLength	21

	maxLength 34
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element **StartTheClockQueryRequest**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:SubmitterTrackingID mailxml_iv:ConsigneeApptID mailxml_iv:CSADispatchNumber mailxml_iv:UserLicenseCode mailxml_iv:MaidatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:CustomerAccount mailxml_iv:LowerDateRange mailxml_iv:UpperDateRange mailxml_iv:retrieveDataBy
annotation	documentation Query request for start the clock information.

element **StartTheClockQueryRequest/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_defs:participantIDType					
properties	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:MaidatUserLicense	mailxml_base:userLicenseCodeType				
	mailxml_defs:ShippingAgentID	mailxml_base:s12				
	mailxml_defs:ReceivingAgentID	mailxml_base:s12				

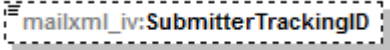
element **StartTheClockQueryRequest/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					

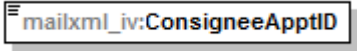
MailXML Version 20.0 Informed Visibility Specification

properties	minOcc 0 maxOcc 1 content complex					
attributes	Name mailxml_defs:SoftwareName mailxml_defs:Vendor mailxml_defs:Version mailxml_defs:ApprovalDate mailxml_defs:ApprovalKey	Type xs:string xs:string xs:string xs:date xs:string	Use required required required	Default	Fixed	Annotation

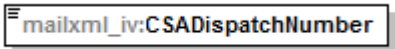
element **StartTheClockQueryRequest/SubmitterTrackingID**

diagram					
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv				
type	mailxml_base:s20				
properties	minOcc 0 maxOcc 1 content simple				
facets	Kind minLength maxLength whiteSpace	Value 1 20 preserve	Annotation		

element **StartTheClockQueryRequest/ConsigneeApptID**


diagram					
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv				
type	mailxml_base:s12				
properties	content simple				
facets	Kind minLength maxLength whiteSpace	Value 1 12 preserve	Annotation		

element **StartTheClockQueryRequest/CSADispatchNumber**


diagram					
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv				
type	mailxml_base:s10				
properties	content simple				
facets	Kind minLength maxLength	Value 1 10	Annotation		

	whiteSpace	preserve
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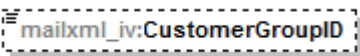
element **StartTheClockQueryRequest/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:userLicenseCodeType		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	


element **StartTheClockQueryRequest/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:jobIDType		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

element **StartTheClockQueryRequest/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s25		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

element **StartTheClockQueryRequest/MailingGroupID**

diagram			
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namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:nonNegativeInteger
properties	content simple

element StartTheClockQueryRequest/CustomerAccount

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:permitPublicationDataType
properties	content complex
children	mailxml_defs:PermitNumber mailxml_defs:PaymentAccountNumber mailxml_defs:PermitType mailxml_defs:PermitZip4 mailxml_defs:PublicationNumber mailxml_defs:PaymentAccountNumber


element StartTheClockQueryRequest/LowerDateRange

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	content simple

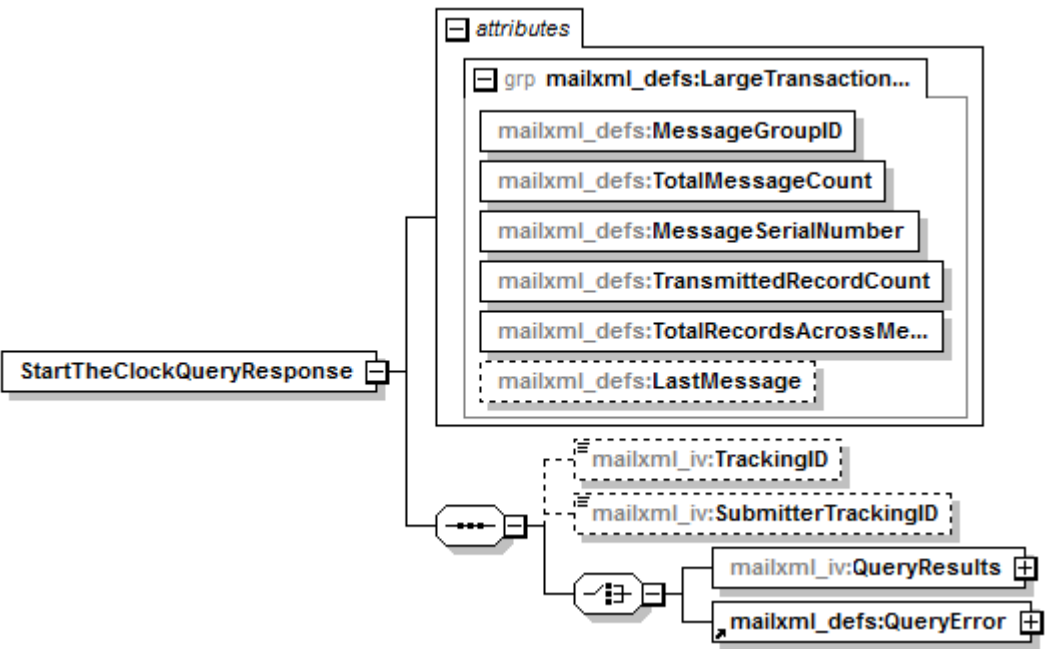
element StartTheClockQueryRequest/UpperDateRange

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	content simple

element **StartTheClockQueryRequest/retrieveDataBy**

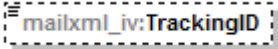
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_defs:retrieveDataByType		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	FS	
	enumeration	NFS	
	enumeration	Both	

element **StartTheClockQueryResponse**

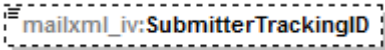
diagram						
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv					
properties	content complex					
children	mailxml_iv:TrackingID mailxml_iv:SubmitterTrackingID mailxml_iv:QueryResults mailxml_defs:QueryError					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MessageGroupID	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.
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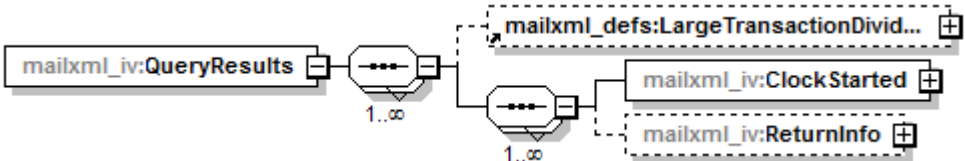
element **StartTheClockQueryResponse/TrackingID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s20		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	20	
	whiteSpace	preserve	

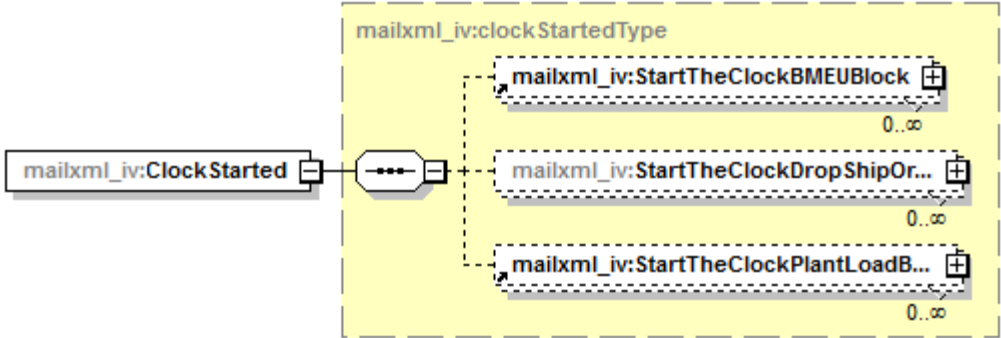
element **StartTheClockQueryResponse/SubmitterTrackingID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s20		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	20	
	whiteSpace	preserve	

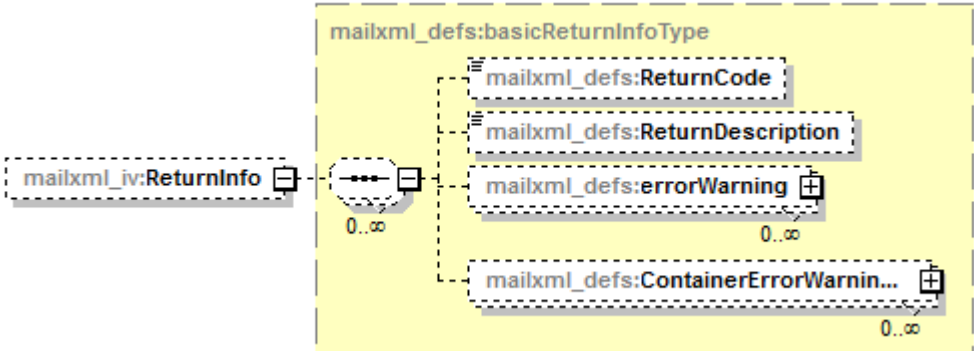
element **StartTheClockQueryResponse/QueryResults**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
properties	content	complex	
children	mailxml_defs:LargeTransactionDividerResult mailxml_iv:ClockStarted mailxml_iv:ReturnInfo		

element **StartTheClockQueryResponse/QueryResults/ClockStarted**

diagram	 <p>The diagram shows a sequence diagram for the <code>mailxml_iv:clockStartedType</code> element. It starts with a box labeled <code>mailxml_iv:ClockStarted</code> connected to a sequence container (a circle with three dots). This container is connected to three child elements, each in a dashed box: <code>mailxml_iv:StartTheClockBMEUBlock</code>, <code>mailxml_iv:StartTheClockDropShipOr...</code>, and <code>mailxml_iv:StartTheClockPlantLoadB...</code>. Each child element has a multiplicity of <code>0..∞</code> indicated at its bottom right corner.</p>
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_iv:clockStartedType
properties	content complex
children	mailxml_iv:StartTheClockBMEUBlock mailxml_iv:StartTheClockDropShipOrOriginBlock mailxml_iv:StartTheClockPlantLoadBlock

element **StartTheClockQueryResponse/QueryResults/ReturnInfo**

diagram	 <p>The diagram shows a sequence diagram for the <code>mailxml_defs:basicReturnInfoType</code> element. It starts with a box labeled <code>mailxml_iv:ReturnInfo</code> connected to a sequence container (a circle with three dots). This container is connected to four child elements, each in a dashed box: <code>mailxml_defs:ReturnCode</code>, <code>mailxml_defs:ReturnDescription</code>, <code>mailxml_defs:errorWarning</code>, and <code>mailxml_defs:ContainerErrorWarnin...</code>. The first two child elements have a multiplicity of <code>0..1</code> indicated at their bottom left corner, while the last two have a multiplicity of <code>0..∞</code> indicated at their bottom right corner.</p>
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:basicReturnInfoType
properties	minOcc 0 maxOcc 1 content complex
children	mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock

complexType **clockStartedType**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
children	mailxml_iv:StartTheClockBMEUBlock mailxml_iv:StartTheClockDropShipOrOriginBlock mailxml_iv:StartTheClockPlantLoadBlock
used by	elements StartTheClockDelivery/ClockStarted StartTheClockQueryResponse/QueryResults/ClockStarted


element **clockStartedType/StartTheClockDropShipOrOriginBlock**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	minOcc 0 maxOcc unbounded content complex
children	mailxml_iv:StartTheClockDropShipOrOrigin


complexType **manifestScanEventDetailType**

diagram		
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv	
children	mailxml_iv:USPSEventExtractFileVersionNumber mailxml_iv:IMpb mailxml_iv:ElectronicFileNumber mailxml_iv:MailerID mailxml_iv:MailerName mailxml_iv:DestinationZipCode mailxml_iv:DestinationZipPlusFour mailxml_iv:ScanningFacilityZip mailxml_iv:ScanningFacilityName mailxml_iv:EventCode mailxml_iv:EventName mailxml_iv:EventDate mailxml_iv:EventTime mailxml_iv:MailerOwnerID mailxml_iv:CustomerReferenceID mailxml_iv:DestinationCountryCode mailxml_iv:RecipientName mailxml_iv:OriginalLabel mailxml_iv:UnitofMeasureCode mailxml_iv:Weight mailxml_iv:GuaranteedDeliveryDate mailxml_iv:GuaranteedDeliveryTime mailxml_iv:LogisticsManagerMailerID	
used by	elements	MPSVisDelivery/ManifestScanEvent/ManifestScanEventDetail MPSVisQueryResponse/QueryResults/ManifestScanEvent/ManifestScanEventDetail MPSVisDelivery/UnManifestedScanEventDetail MPSVisQueryResponse/QueryResults/UnManifestedScanEventDetail

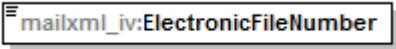
element **manifestScanEventDetailType/USPSEventExtractFileVersionNumber**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s03		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	3	
	whiteSpace	preserve	

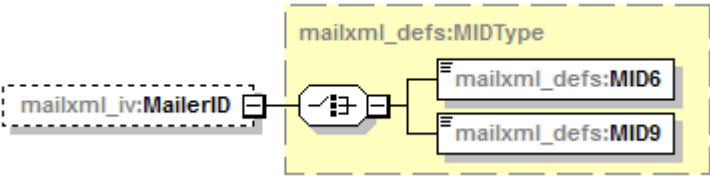
element **manifestScanEventDetailType/IMpb**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:IMpbType		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	21	
	maxLength	34	

element **manifestScanEventDetailType/ElectronicFileNumber**


diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s34		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	34	
	whiteSpace	preserve	

element **manifestScanEventDetailType/MailerID**

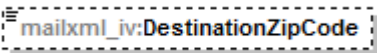
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		

type	mailxml_defs:MIDType
properties	minOcc 0 maxOcc 1 content complex
children	mailxml_defs:MID6 mailxml_defs:MID9

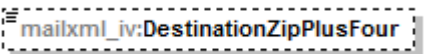
element manifestScanEventDetailType/MailerName

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s20		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	20	
	whiteSpace	preserve	

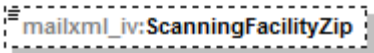
element manifestScanEventDetailType/DestinationZipCode

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_defs:zipCode		
properties	minOcc 0 maxOcc 1 content complex		
facets	Kind	Value	Annotation
	pattern	[0-9]{9}	

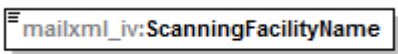
element manifestScanEventDetailType/DestinationZipPlusFour

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s09		
properties	minOcc 0 maxOcc 1 content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	9	
	whiteSpace	preserve	

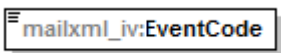
element **manifestScanEventDetailType/ScanningFacilityZip**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:zipCode
properties	minOcc 0 maxOcc 1 content complex
facets	Kind Value Annotation pattern [0-9]{9}


element **manifestScanEventDetailType/ScanningFacilityName**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:s31
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 31 whiteSpace preserve

element **manifestScanEventDetailType/EventCode**


diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:s02
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 2 whiteSpace preserve

element **manifestScanEventDetailType/EventName**

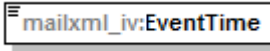
diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:s40
properties	content simple
facets	Kind Value Annotation minLength 1

	maxLength 40
	whiteSpace preserve

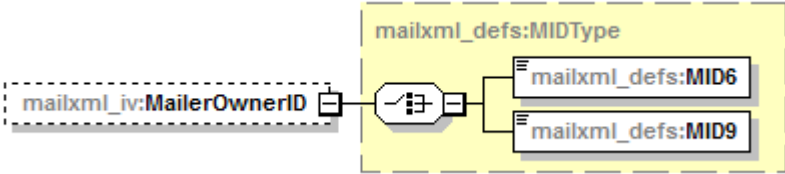
element **manifestScanEventDetailType/EventDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	content simple

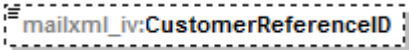
element **manifestScanEventDetailType/EventTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:time
properties	content simple

element **manifestScanEventDetailType/MailerOwnerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:MIDType
properties	minOcc 0 maxOcc 1 content complex
children	mailxml_defs:MID6 mailxml_defs:MID9

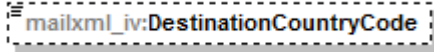
element **manifestScanEventDetailType/CustomerReferenceID**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:s40
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1

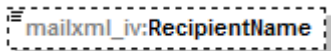
MailXML Version 20.0 Informed Visibility Specification

	maxLength 40
	whiteSpace preserve

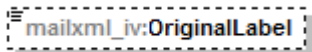
element **manifestScanEventDetailType/DestinationCountryCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s02		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	2	
	whiteSpace	preserve	

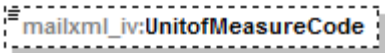
element **manifestScanEventDetailType/RecipientName**

diagram													
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv												
type	mailxml_base:s20												
properties	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>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/OriginalLabel**

diagram													
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv												
type	mailxml_base:s34												
properties	<table><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>	minOcc	0	maxOcc	1	content	simple						
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>34</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	34		whiteSpace	preserve	
Kind	Value	Annotation											
minLength	1												
maxLength	34												
whiteSpace	preserve												


element **manifestScanEventDetailType/UnitofMeasureCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:ns01		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	pattern	[0-9]{1}	

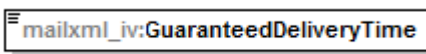
element **manifestScanEventDetailType/Weight**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:ns09		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	pattern	[0-9]{9}	

element **manifestScanEventDetailType/GuaranteedDeliveryDate**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	xs:time		
properties	content	simple	

element **manifestScanEventDetailType/GuaranteedDeliveryTime**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	xs:time		
properties	content	simple	

element **manifestScanEventDetailType/LogisticsManagerMailerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:MIDType
properties	minOcc 0 maxOcc 1 content complex
children	mailxml_defs:MID6 mailxml_defs:MID9

complexType **manifestScanNotificationDataType**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
children	mailxml_iv:ConsigneeManifestID
used by	element MPSVisNotification/ManifestScanNotification


element **manifestScanNotificationDataType/ConsigneeManifestID**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:ns22
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation pattern [0-9]{22}

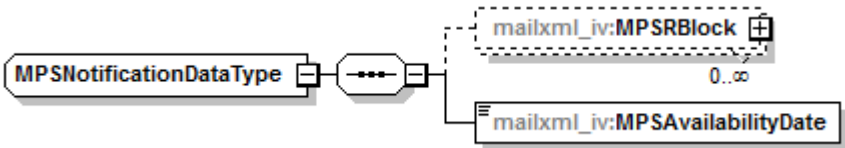
complexType **manifestScanQueryType**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
children	mailxml_iv:ConsigneeManifestID
used by	element MPSVisQueryRequest/ManifestScanQuery

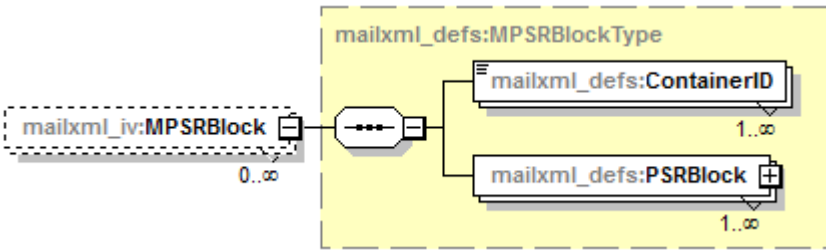
element **manifestScanQueryType/ConsigneeManifestID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:ns22		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	pattern	[0-9]{22}	

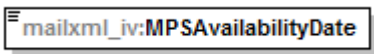
complexType **MPSNotificationDataType**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
children	mailxml_iv:MPSRBlock mailxml_iv:MPSAvailabilityDate		
used by	element	MPSVisNotification/MPSNotificationData	

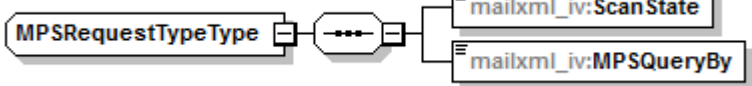
element **MPSNotificationDataType/MPSRBlock**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_defs:MPSRBlockType		
properties	minOcc	0	
	maxOcc	unbounded	
	content	complex	
children	mailxml_defs:ContainerID mailxml_defs:PSRBlock		

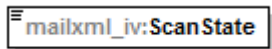
element **MPSNotificationDataType/MPSAvailabilityDate**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	xs:date		
properties	content	simple	

complexType **MPSRequestTypeType**


diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
children	mailxml_iv:ScanState mailxml_iv:MPSQueryBy

element **MPSRequestTypeType/ScanState**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_defs:MPSStateType		
properties	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	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

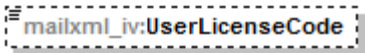
element **MPSRequestType/MPSQueryBy**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_defs:MPSQueryType		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	S	
	enumeration	PC	
	enumeration	BC	

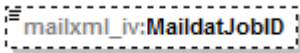
complexType **MPSVisScanQueryType**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:ResultOptions mailxml_iv:RangeLowerDate mailxml_iv:RangeUpperDate mailxml_iv:MID6OnThePiece mailxml_iv:MID9OnThePiece mailxml_iv:FacilityLocaleKey mailxml_iv:EventType mailxml_iv:BundleScanType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:BundleID mailxml_iv:FieldIncludedScanRecFlag
used by	element MPSVisQueryRequest/MPSVisScanQueryType

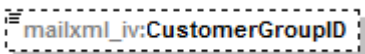
element **MPSVisScanQueryType/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:userLicenseCodeType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

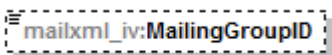
element **MPSVisScanQueryType/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:jobIDType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

element **MPSVisScanQueryType/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:s25		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

element **MPSVisScanQueryType/MailingGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		

type	xs:nonNegativeInteger
properties	minOcc 0 maxOcc 1 content simple

element MPSVisScanQueryType/ResultOptions

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_defs:MPSVisResultOptionsType
properties	minOcc 0 maxOcc unbounded content complex
children	mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:IMB mailxml_defs:IMpb

element MPSVisScanQueryType/RangeLowerDate

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	content simple

element MPSVisScanQueryType/RangeUpperDate

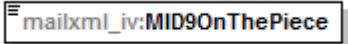
diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	content simple

element MPSVisScanQueryType/MID6OnThePiece

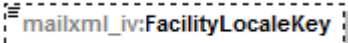
diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv

type	mailxml_base:mailerID6Type		
properties	content	simple	
facets	Kind pattern	Value [0-9]{6}	Annotation

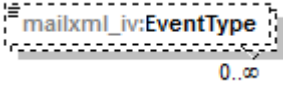
element MPSVisScanQueryType/MID9OnThePiece

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:mailerID9Type		
properties	content	simple	
facets	Kind pattern	Value [0-9]{9}	Annotation

element MPSVisScanQueryType/FacilityLocaleKey

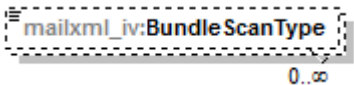
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:localeKeyType		
properties	minOcc maxOcc content	0 1 simple	
facets	Kind minLength maxLength whiteSpace	Value 1 9 preserve	Annotation

element MPSVisScanQueryType/EventType

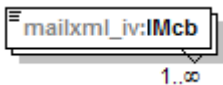
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_defs:pieceScanEventTypeType		
properties	minOcc maxOcc content	0 unbounded simple	
facets	Kind enumeration enumeration enumeration enumeration enumeration enumeration	Value 1 2 3 4 5 6	Annotation

	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

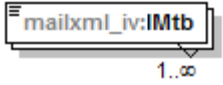
element **MPSVisScanQueryType/BundleScanType**

diagram		
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv	
type	mailxml_defs:bundleScanTypeType	
properties	minOcc	0
	maxOcc	unbounded
	content	simple
facets	Kind	Value Annotation
	enumeration	ActualScan
	enumeration	AssumedScan
	enumeration	Both

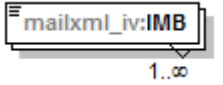
element **MPSVisScanQueryType/IMcb**

diagram		
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv	
type	mailxml_base:IMcbType	
properties	minOcc	1
	maxOcc	unbounded
	content	simple
facets	Kind	Value Annotation
	minLength	21
	maxLength	24

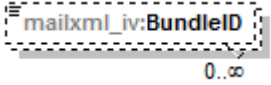
element **MPSVisScanQueryType/IMtb**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:IMtbType		
properties	minOcc	1	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	minLength	24	
	maxLength	24	

element **MPSVisScanQueryType/IMB**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:IMBType		
properties	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/mailxml20.0/mailxml_iv		
type	mailxml_base:s06		
properties	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/mailxml20.0/mailxml_iv
type	mailxml_defs:MPSVisIncludedInScanRecFlagType
properties	minOcc 0 maxOcc unbounded content complex
children	mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:BundleID

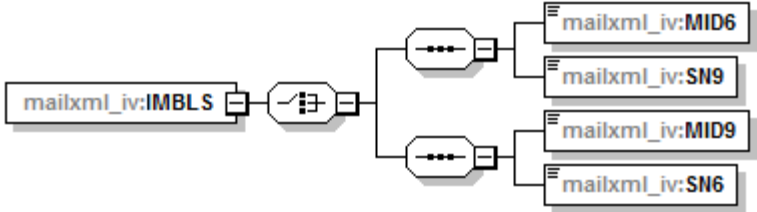
complexType **PSRBlockType**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
children	mailxml_iv:PRID mailxml_iv:IMBLS mailxml_iv:IMBUS mailxml_iv:STCode mailxml_iv:Class mailxml_iv:SLI


element **PSRBlockType/PRID**

diagram													
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv												
type	mailxml_base:s22												
properties	<table><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>	minOcc	0	maxOcc	1	content	simple						
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>22</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	22		whiteSpace	preserve	
Kind	Value	Annotation											
minLength	1												
maxLength	22												
whiteSpace	preserve												


element **PSRBlockType/IMBLS**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_iv:MID6 mailxml_iv:SN9 mailxml_iv:MID9 mailxml_iv:SN6


element **PSRBlockType/IMBLS/MID6**

diagram							
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv						
type	mailxml_base:mailerID6Type						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>[0-9]{6}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	[0-9]{6}	
Kind	Value	Annotation					
pattern	[0-9]{6}						


element **PSRBlockType/IMBLS/SN9**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:IMBSerialNumber9Type		
properties	content	simple	
facets	Kind pattern	Value [0-9]{9}	Annotation

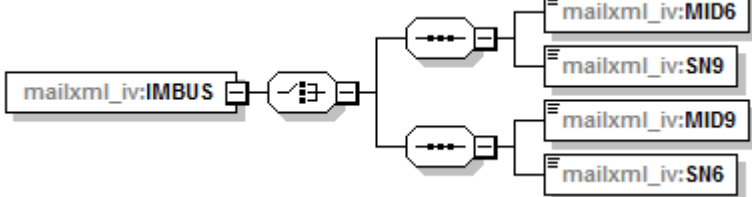
element **PSRBlockType/IMBLS/MID9**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:mailerID9Type		
properties	content	simple	
facets	Kind pattern	Value [0-9]{9}	Annotation


element **PSRBlockType/IMBLS/SN6**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:IMBSerialNumber6Type		
properties	content	simple	
facets	Kind pattern	Value [0-9]{6}	Annotation


element **PSRBlockType/IMBUS**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
properties	content complex
children	mailxml_iv:MID6 mailxml_iv:SN9 mailxml_iv:MID9 mailxml_iv:SN6


element **PSRBlockType/IMBUS/MID6**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:mailerID6Type		
properties	content	simple	
facets	Kind pattern	Value [0-9]{6}	Annotation


element **PSRBlockType/IMBUS/SN9**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:IMBSerialNumber9Type		
properties	content	simple	
facets	Kind pattern	Value [0-9]{9}	Annotation

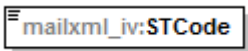
element **PSRBlockType/IMBUS/MID9**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:mailerID9Type		
properties	content	simple	
facets	Kind pattern	Value [0-9]{9}	Annotation


element **PSRBlockType/IMBUS/SN6**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:IMBSerialNumber6Type		
properties	content	simple	
facets	Kind pattern	Value [0-9]{6}	Annotation


element **PSRBlockType/STCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:ServiceTypeCodeType		
properties	content	simple	
facets	Kind pattern	Value [0-9]{3}	Annotation

element **PSRBlockType/Class**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:mailClassType		
properties	content	simple	
facets	Kind enumeration	Value 1	Annotation
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	

element **PSRBlockType/SLI**

diagram	 The diagram shows a rectangular box with a red border. Inside the box, the text "mailxml_iv:SLI" is written in a blue, monospace-style font. To the left of the text, there are three horizontal lines of increasing length, resembling a list or a menu.		
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:serviceLevelIndicatorType		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	F	
	enumeration	B	
	enumeration	P	
	enumeration	O	

complexType **scanEventQueryType**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:ResultOptions mailxml_iv:RangeLowerDate mailxml_iv:RangeUpperDate mailxml_iv:MID6OnThePiece mailxml_iv:MID9OnThePiece mailxml_iv:FacilityLocaleKey mailxml_iv:EventType mailxml_iv:BundleScanType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:BundleID mailxml_iv:FieldIncludedScanRecFlag

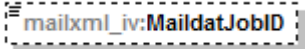
element **scanEventQueryType/UserLicenseCode**

diagram	
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namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:userLicenseCodeType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

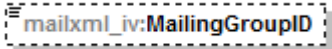
element **scanEventQueryTypeType/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:jobIDType		
properties	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/mailxml20.0/mailxml_iv		
type	mailxml_base:s25		
properties	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/mailxml20.0/mailxml_iv		
type	xs:nonNegativeInteger		
properties	minOcc	0	
	maxOcc	1	
	content	simple	

element **scanEventQueryType/ResultOptions**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_iv:ScanEventResultOptionsType
properties	minOcc 0 maxOcc unbounded content complex
children	mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:IMpb

element **scanEventQueryType/RangeLowerDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	content simple


element **scanEventQueryType/RangeUpperDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	xs:date
properties	content simple

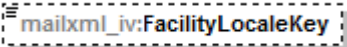
element **scanEventQueryType/MID6OnThePiece**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:mailerID6Type
properties	content simple
facets	Kind Value Annotation pattern [0-9]{6}


element **scanEventQueryType/MID9OnThePiece**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:mailerID9Type		
properties	content	simple	
facets	Kind pattern	Value [0-9]{9}	Annotation

element **scanEventQueryType/FacilityLocaleKey**

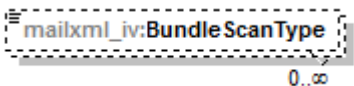
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:localeKeyType		
properties	minOcc maxOcc content	0 1 simple	
facets	Kind minLength maxLength whiteSpace	Value 1 9 preserve	Annotation

element **scanEventQueryType/EventType**

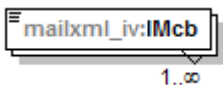
diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_defs:pieceScanEventTypeType		
properties	minOcc maxOcc content	0 unbounded simple	
facets	Kind enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration	Value 1 2 3 4 5 6 7 8 9 10 11	Annotation

	enumeration	12
	enumeration	13
	enumeration	14
	enumeration	15
	enumeration	16
	enumeration	17
	enumeration	18
	enumeration	19
	enumeration	20

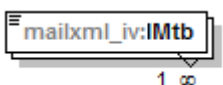
element **scanEventQueryTypeType/BundleScanType**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_defs:bundleScanTypeType		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	ActualScan	
	enumeration	AssumedScan	
	enumeration	Both	

element **scanEventQueryTypeType/IMcb**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:IMcbType		
properties	minOcc	1	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	minLength	21	
	maxLength	24	

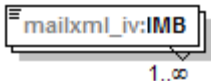
element **scanEventQueryTypeType/IMtb**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:IMtbType		

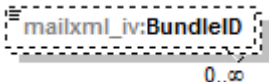
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properties	minOcc 1 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 24 maxLength 24

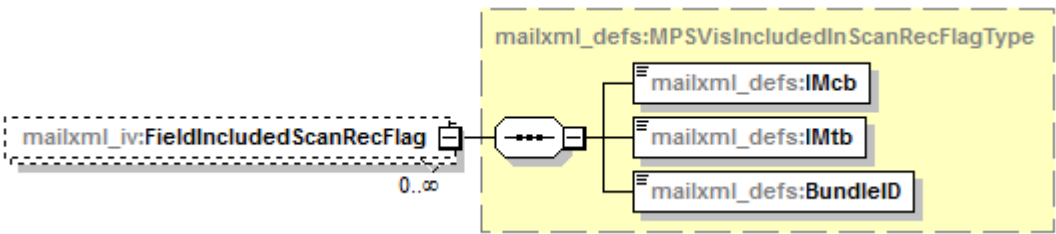
element **scanEventQueryType/IMB**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:iMBType
properties	minOcc 1 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 20 maxLength 34 pattern ([0-9])+

element **scanEventQueryType/BundleID**

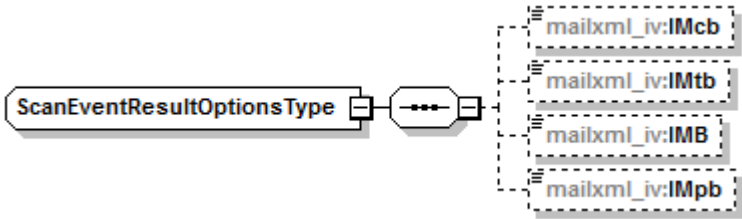
diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
type	mailxml_base:s06
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 1 maxLength 6 whiteSpace preserve

element **scanEventQueryType/FieldIncludedScanRecFlag**


diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv

type	mailxml_defs:MPSVisIncludedInScanRecFlagType
properties	minOcc 0 maxOcc unbounded content complex
children	mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:BundleID


complexType **ScanEventResultOptionsType**

diagram	
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv
children	mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:IMpb
used by	element scanEventQueryType/ResultOptions


element **ScanEventResultOptionsType/IMcb**

diagram										
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv									
type	mailxml_base:yesNo									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr><tr><td>default</td><td>No</td></tr></table>	minOcc	0	maxOcc	1	content	simple	default	No	
minOcc	0									
maxOcc	1									
content	simple									
default	No									
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 **ScanEventResultOptionsType/IMtb**

diagram										
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv									
type	mailxml_base:yesNo									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr><tr><td>default</td><td>No</td></tr></table>	minOcc	0	maxOcc	1	content	simple	default	No	
minOcc	0									
maxOcc	1									
content	simple									
default	No									
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 **ScanEventResultOptionsType/IMB**

diagram			
namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	mailxml_base:yesNo		
properties	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/mailxml20.0/mailxml_iv		
type	mailxml_base:yesNo		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
	default	No	
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

simpleType **eDocTypeType**

namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	restriction of xs:string		
properties	base	xs:string	
used by	elements	MPSVisDelivery/eDocType MPSVisNotification/eDocType MPSVisQueryResponse/eDocType	
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 **handlingEventType**

namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	restriction of xs:string		
properties	base	xs:string	
used by	elements	ContainerVisibilityQueryRequest/HandlingEventType ContainerVisibilityEntry/HandlingEventType	
facets	Kind	Value	Annotation
	enumeration	Actual	
	enumeration	Logical	
	enumeration	AssumedActual	
	enumeration	AssumedLogical	

simpleType **mailObjectType**

namespace	http://idealliance.org/Specs/mailxml20.0/mailxml_iv		
type	restriction of xs:string		
properties	base	xs:string	
used by	elements	ContainerVisibilityQueryRequest/MailObjectType ContainerVisibilityEntry/MailObjectType	
facets	Kind	Value	Annotation
	enumeration	Container	
	enumeration	HandlingUnit	