



MailXML Version 22.0

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 MailXML™

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 MailXML Version 22.0?

With this release, the Mail.XML Messaging Protocol moves to Version 22.0. In addition to minor cleanup, this release supports Mail.dat modernization and provides a new message for mailers to notify USPS of transportation dispatch details.

Changes supported by MailXML 22.0 include:

- Correct the data type of the Start induction and End induction elements to be an XML dateTime datatype.
- Update transportation messages to reflect modernization of Mail.dat transportation fields.
- Add a new ability for mailers to notify USPS of dispatch details to enable USPS to better plan in order to increase efficiencies and lower costs.

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/mailxml22.0/mailxml"`
`targetNamespace="http://Idealliance.org/Specs/mailxml22.0/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_15.0.A.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 22.0 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 MailXML™ 22 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 22.0. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- *Mail.XML™ 22.0: Transportation Messaging Specification* documents all transportation messages
- *Mail.XML™ 22.0: Mailing Messaging Specification* documents all mailing messages
- *Mail.XML™ 22.0: Informed Visibility Specification* documents all informed visibility messages
- *Mail.XML™ 22.0: Data Distribution Messaging Specification* documents all data distribution messages
- *Mail.XML™ 22.0: Identification Messaging Specification* documents all identification messages
- *Mail.XML™ 22.0: Supply Chain Messaging Specification* documents all supply chain messages
- *Mail.XML™ 22.0: System Messaging Specification* documents all systems and fault messages
- *Mail.XML™ 22.0: Simple Types Specification* documents all simple types used across MailXML messages
- *Mail.XML™ 22.0: Common Definitions Specification* documents all shared elements and complex types.

MailXML Version 22.0 Identification Specification

- *Mail.XML™ 22.0: Schemas* contains the .XSDs that make up the MailXML Messaging Specification

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Elements

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[MPSVisQueryRequest](#)
[MPSVisQueryResponse](#)
[StartTheClockBMEUBlock](#)
[StartTheClockDelivery](#)
[StartTheClockDropShipOrOrigin](#)
[StartTheClockNotification](#)
[StartTheClockPlantLoadBlock](#)
[StartTheClockQueryRequest](#)
[StartTheClockQueryResponse](#)

Complex types

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

Simple types

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

2 Elements and Types

element **ContainerVisibilityDelivery**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
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/mailxml22.0/mailxml_iv					

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type	mailxml_defs:participantIDType					
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/mailxml22.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
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 **ContainerVisibilityDelivery/PushMessageID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25

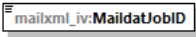
element **ContainerVisibilityEntry**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
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:FSNonFSAvailabilityDate mailxml_iv:FullServiceIndicator mailxml_iv:ScanEventCode mailxml_iv:RecipientRole
used by	elements ContainerVisibilityDelivery ContainerVisibilityQueryResponse/QueryResults

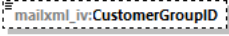
element **ContainerVisibilityEntry/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:userLicenseCodeType

element **ContainerVisibilityEntry/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:jobIDType


element **ContainerVisibilityEntry/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25


element **ContainerVisibilityEntry/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger


element **ContainerVisibilityEntry/ConsigneeApptID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s12


element **ContainerVisibilityEntry/CSAID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s10

element **ContainerVisibilityEntry/ContainerID**

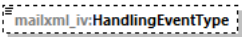
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s06

element **ContainerVisibilityEntry/MailObjectType**

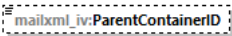
diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_iv:mailObjectTypeType		
facets	Kind enumeration	Value Container	Annotation

	enumeration	HandlingUnit
--	-------------	--------------

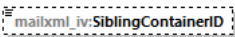
element **ContainerVisibilityEntry/HandlingEventType**

diagram		
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv	
type	mailxml_iv:handlingEventTypeType	
facets	Kind	Value Annotation
	enumeration	Actual
	enumeration	Logical
	enumeration	AssumedActual
	enumeration	AssumedLogical


element **ContainerVisibilityEntry/ParentContainerID**

diagram		
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv	
type	mailxml_base:s06	

element **ContainerVisibilityEntry/SiblingContainerID**

diagram		
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv	
type	mailxml_base:s06	

element **ContainerVisibilityEntry/ContainerType**

diagram		
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv	
type	mailxml_base:mailXMLContainerType	
facets	Kind	Value Annotation
	enumeration	1
	enumeration	2
	enumeration	3
	enumeration	4
	enumeration	5
	enumeration	6
	enumeration	7
	enumeration	8
	enumeration	9
	enumeration	10
	enumeration	11
	enumeration	12
	enumeration	13


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enumeration	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/mailxml22.0/mailxml_iv
type	mailxml_defs:scanEventType
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/mailxml22.0/mailxml_iv
type	mailxml_base:IMcbType

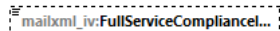
element **ContainerVisibilityEntry/IMtb**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMtbType

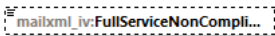
element **ContainerVisibilityEntry/IMpb**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMpbType

element **ContainerVisibilityEntry/FullServiceComplianceIndicator**

diagram										
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv									
type	mailxml_defs:fullServiceComplianceIndicatorType									
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									

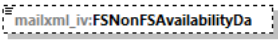
element **ContainerVisibilityEntry/FullServiceNonComplianceReasonCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:reasonCodeType		
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	


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	enumeration	S
	enumeration	U
	enumeration	V
	enumeration	X


element **ContainerVisibilityEntry/FSNonFSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date


element **ContainerVisibilityEntry/FullServiceIndicator**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:yesNo		
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

element **ContainerVisibilityEntry/ScanEventCode**

diagram							
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv						
type	mailxml_iv:scanEventCodeType						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>pattern</td><td>\d{3}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	\d{3}	
Kind	Value	Annotation					
pattern	\d{3}						

element **ContainerVisibilityEntry/RecipientRole**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_iv:recipientRoleType		
facets	Kind	Value	Annotation
	enumeration	Mail Owner	
	enumeration	Mail Owner Delegate	
	enumeration	Mail Preparer	
	enumeration	Mail Preparer Delegate	
	enumeration	MID Owner of MID on Container	
	enumeration	MID Owner of MID on Container Delegate	
	enumeration	MID Owner of MID on Tray	
	enumeration	MID Owner of MID on Tray Delegate	
	enumeration	MID Owner of MID on Piece	
	enumeration	MID Owner of MID on Piece Delegate	

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	enumeration	eDoc Submitter
	enumeration	eDoc Submitter Delegate
	enumeration	FAST Scheduler
	enumeration	FAST Scheduler Delegate

element **ContainerVisibilityNotification**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
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.

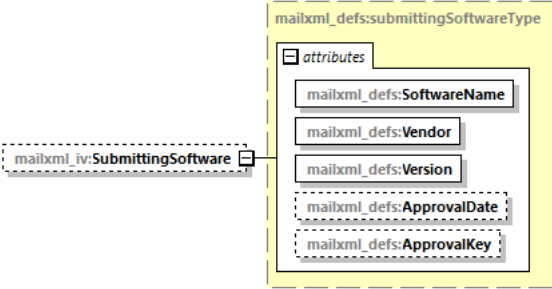
element **ContainerVisibilityNotification/SubmittingParty**

diagram	<p>The diagram illustrates the structure of the <code>mailxml_iv:SubmittingParty</code> element. It is a complex type defined by <code>mailxml_defs:participantIDType</code>. The element contains several attributes, each represented by a dashed box indicating its type and usage. The attributes are: <code>mailxml_defs:MailerID6</code>, <code>mailxml_defs:MailerID9</code>, <code>mailxml_defs:CRID</code>, <code>mailxml_defs:SchedulerID</code>, <code>mailxml_defs:MaildatUserLicense</code>, <code>mailxml_defs:ShippingAgentID</code>, and <code>mailxml_defs:ReceivingAgentID</code>. The <code>mailxml_iv:SubmittingParty</code> element is shown with a dashed border and a small square icon in the top-left corner.</p>					
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
type	mailxml_defs:participantIDType					
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				

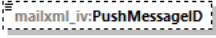
MailXML Version 22.0 Identification Specification

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						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
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				

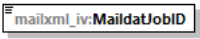
element **ContainerVisibilityNotification/PushMessageID**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
type	mailxml_base:s25					

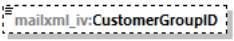
element **ContainerVisibilityNotification/UserLicenseCode**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
type	mailxml_base:userLicenseCodeType					

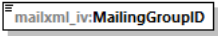
element **ContainerVisibilityNotification/MaildatJobID**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
type	mailxml_base:jobIDType					


element **ContainerVisibilityNotification/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25


element **ContainerVisibilityNotification/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

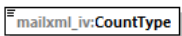
element **ContainerVisibilityNotification/FSNonFSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date

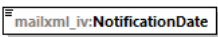
element **ContainerVisibilityNotification/AvailableRecordCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

element **ContainerVisibilityNotification/CountType**

diagram													
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv												
type	mailxml_defs:countTypeType												
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												

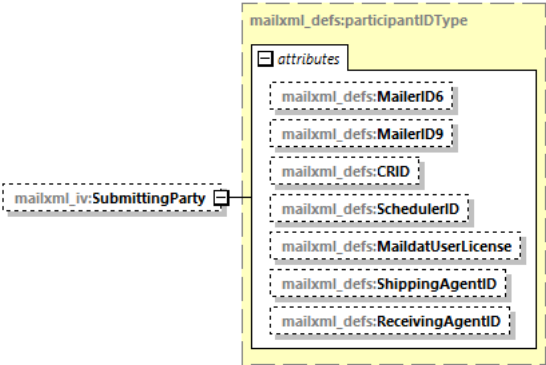
element **ContainerVisibilityNotification/NotificationDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date

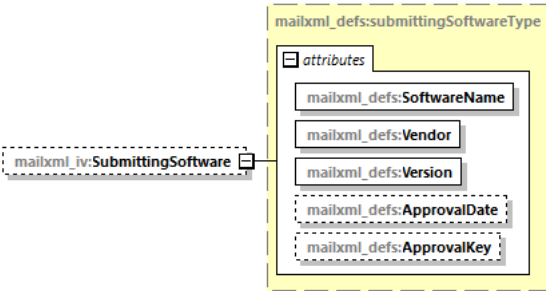
element **ContainerVisibilityQueryRequest**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
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 mailxml iv:ScanEventCode mailxml iv:RecipientRole
annotation	documentation Query request for for full service container visibility information.


element **ContainerVisibilityQueryRequest/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
type	mailxml_defs:participantIDType					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MailerID6	mailxml_base:mailerID6Type				
	mailxml_defs:MailerID9	mailxml_base:mailerID9Type				
	mailxml_defs:CRID	mailxml_base:CRIDType				
	mailxml_defs:SchedulerID	mailxml_base:s12				
	mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType				
	mailxml_defs:ShippingAgentID	mailxml_base:s12				
	mailxml_defs:ReceivingAgentID	mailxml_base:s12				

element **ContainerVisibilityQueryRequest/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
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 **ContainerVisibilityQueryRequest/SubmitterTrackingID**

diagram						
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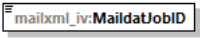
MailXML Version 22.0 Identification Specification

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s20

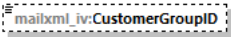
element **ContainerVisibilityQueryRequest/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:userLicenseCodeType


element **ContainerVisibilityQueryRequest/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:jobIDType

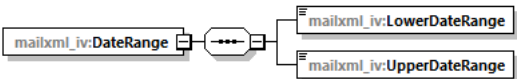
element **ContainerVisibilityQueryRequest/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25

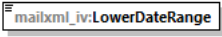
element **ContainerVisibilityQueryRequest/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

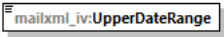
element **ContainerVisibilityQueryRequest/DateRange**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml_iv:LowerDateRange mailxml_iv:UpperDateRange

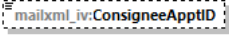
element **ContainerVisibilityQueryRequest/DateRange/LowerDateRange**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date


element **ContainerVisibilityQueryRequest/DateRange/UpperDateRange**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date


element **ContainerVisibilityQueryRequest/ConsigneeApptID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s12

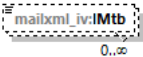
element **ContainerVisibilityQueryRequest/CSAID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s10

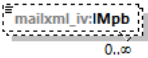
element **ContainerVisibilityQueryRequest/IMcb**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMcbType


element **ContainerVisibilityQueryRequest/IMtb**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMtbType

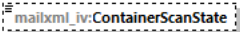
element **ContainerVisibilityQueryRequest/IMpb**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMpbType

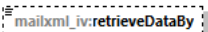
element **ContainerVisibilityQueryRequest/USPSFacilityLocaleKey**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:localeKeyType

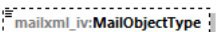
element **ContainerVisibilityQueryRequest/ContainerScanState**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:containerScanStateType		
facets	Kind	Value	Annotation
	enumeration	Electronic Information Received	
	enumeration	Entered at USPS	
	enumeration	Enroute Depart	
	enumeration	Enroute	
	enumeration	Enroute Arrive	
	enumeration	Arrival At Unit	
	enumeration	Out for Delivery	
	enumeration	All Scan States	

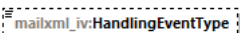
element **ContainerVisibilityQueryRequest/retrieveDataBy**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:retrieveDataByType		
facets	Kind	Value	Annotation
	enumeration	FS	
	enumeration	NFS	
	enumeration	Both	

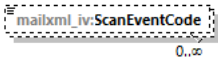
element **ContainerVisibilityQueryRequest/MailObjectType**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_iv:mailObjectTypeType		
facets	Kind	Value	Annotation
	enumeration	Container	
	enumeration	HandlingUnit	


element **ContainerVisibilityQueryRequest/HandlingEventType**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_iv:handlingEventTypeType		
facets	Kind	Value	Annotation
	enumeration	Actual	
	enumeration	Logical	
	enumeration	AssumedActual	
	enumeration	AssumedLogical	

element **ContainerVisibilityQueryRequest/ScanEventCode**

diagram	 The diagram shows a dashed box containing the text 'mailxml:iv:ScanEventCode' with a cardinality of '0..∞' below it.						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv						
type	mailxml:iv:scanEventCodeType						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>pattern</td><td>\d{3}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	\d{3}	
Kind	Value	Annotation					
pattern	\d{3}						

element **ContainerVisibilityQueryRequest/RecipientRole**

diagram																																														
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv																																													
type	mailxml:iv:recipientRoleType																																													
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>Mail Owner</td><td></td></tr><tr><td>enumeration</td><td>Mail Owner Delegate</td><td></td></tr><tr><td>enumeration</td><td>Mail Preparer</td><td></td></tr><tr><td>enumeration</td><td>Mail Preparer Delegate</td><td></td></tr><tr><td>enumeration</td><td>MID Owner of MID on Container</td><td></td></tr><tr><td>enumeration</td><td>MID Owner of MID on Container Delegate</td><td></td></tr><tr><td>enumeration</td><td>MID Owner of MID on Tray</td><td></td></tr><tr><td>enumeration</td><td>MID Owner of MID on Tray Delegate</td><td></td></tr><tr><td>enumeration</td><td>MID Owner of MID on Piece</td><td></td></tr><tr><td>enumeration</td><td>MID Owner of MID on Piece Delegate</td><td></td></tr><tr><td>enumeration</td><td>eDoc Submitter</td><td></td></tr><tr><td>enumeration</td><td>eDoc Submitter Delegate</td><td></td></tr><tr><td>enumeration</td><td>FAST Scheduler</td><td></td></tr><tr><td>enumeration</td><td>FAST Scheduler Delegate</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Mail Owner		enumeration	Mail Owner Delegate		enumeration	Mail Preparer		enumeration	Mail Preparer Delegate		enumeration	MID Owner of MID on Container		enumeration	MID Owner of MID on Container Delegate		enumeration	MID Owner of MID on Tray		enumeration	MID Owner of MID on Tray Delegate		enumeration	MID Owner of MID on Piece		enumeration	MID Owner of MID on Piece Delegate		enumeration	eDoc Submitter		enumeration	eDoc Submitter Delegate		enumeration	FAST Scheduler		enumeration	FAST Scheduler Delegate	
Kind	Value	Annotation																																												
enumeration	Mail Owner																																													
enumeration	Mail Owner Delegate																																													
enumeration	Mail Preparer																																													
enumeration	Mail Preparer Delegate																																													
enumeration	MID Owner of MID on Container																																													
enumeration	MID Owner of MID on Container Delegate																																													
enumeration	MID Owner of MID on Tray																																													
enumeration	MID Owner of MID on Tray Delegate																																													
enumeration	MID Owner of MID on Piece																																													
enumeration	MID Owner of MID on Piece Delegate																																													
enumeration	eDoc Submitter																																													
enumeration	eDoc Submitter Delegate																																													
enumeration	FAST Scheduler																																													
enumeration	FAST Scheduler Delegate																																													

element **ContainerVisibilityQueryResponse**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
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	optional			
	mailxml_defs:TotalMessageCount	xs:positiveInteger	optional			
	mailxml_defs:MessageSerialNumber	xs:positiveInteger	optional			
	mailxml_defs:TransmittedRecordCount	xs:positiveInteger	optional			
	mailxml_defs:TotalRecordsAcrossMessages	xs:positiveInteger	optional			
	mailxml_defs:LastMessage	mailxml_base:yesNo	optional	No		
annotation	documentation Response to the Query request for for full service container visibility information.					

element **ContainerVisibilityQueryResponse/TrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s20

element **ContainerVisibilityQueryResponse/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s20

element **ContainerVisibilityQueryResponse/QueryResults**

diagram	
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MailXML Version 22.0 Identification Specification

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml_defs:LargeTransactionDividerResult mailxml_iv:ContainerVisibilityEntry mailxml_iv:ReturnInfo

element **ContainerVisibilityQueryResponse/QueryResults/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_defs:basicReturnInfoType
children	mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock

element **IMbMailpieceScanData**

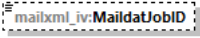
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:MailBundleCount mailxml_iv:MPSCount mailxml_iv:IMcbAndIMtbPieceScanInfo mailxml_iv:IMcbPieceScanInfo mailxml_iv:IMtbPieceScanInfo mailxml_iv:IMbScanRec
used by	elements MPSVisQueryResponse/QueryResults MPSVisDelivery

element **IMbMailpieceScanData/UserLicenseCode**

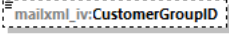
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv

type	mailxml_base:userLicenseCodeType
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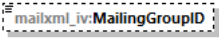
element **IMbMailpieceScanData/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:jobIDType


element **IMbMailpieceScanData/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25


element **IMbMailpieceScanData/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

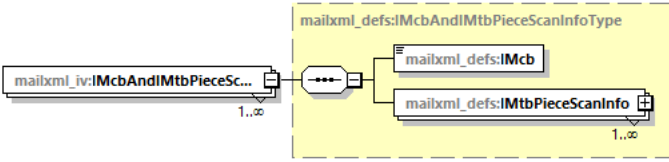
element **IMbMailpieceScanData/MailBundleCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

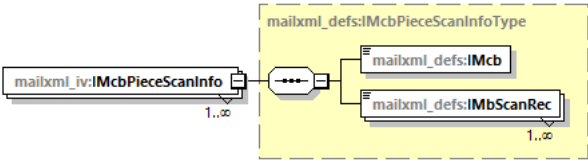
element **IMbMailpieceScanData/MPSCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

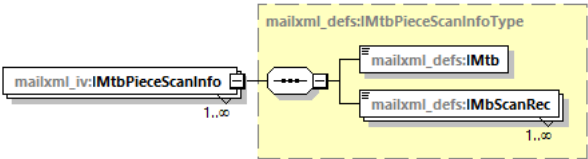
element **IMbMailpieceScanData/IMcbAndIMtbPieceScanInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_defs:IMcbAndIMtbPieceScanInfoType
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 dashed box representing the <code>mailxml_defs:IMcbPieceScanInfoType</code> which contains two child elements: <code>mailxml_defs:IMcb</code> and <code>mailxml_defs:IMbScanRec</code>. The <code>IMbScanRec</code> element has a cardinality of <code>1..∞</code>.</p>
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_defs:IMcbPieceScanInfoType
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 dashed box representing the <code>mailxml_defs:IMtbPieceScanInfoType</code> which contains two child elements: <code>mailxml_defs:IMtb</code> and <code>mailxml_defs:IMbScanRec</code>. The <code>IMbScanRec</code> element has a cardinality of <code>1..∞</code>.</p>
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_defs:IMtbPieceScanInfoType
children	mailxml_defs:IMtb mailxml_defs:IMbScanRec

element **IMbMailpieceScanData/IMbScanRec**

diagram	 <p>The diagram shows the structure of the <code>mailxml_iv:IMbScanRec</code> element. It is a simple element with a cardinality of <code>1..∞</code>.</p>
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s500

element **MPSVisDelivery**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
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/mailxml22.0/mailxml_iv					
type	mailxml_defs:participantIDType					
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/mailxml22.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
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	
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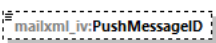
MailXML Version 22.0 Identification Specification

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:yesNo		
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

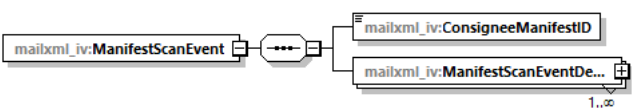
element **MPSVisDelivery/eDocType**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_iv:eDocTypeType		
facets	Kind	Value	Annotation
	enumeration	101	
	enumeration	102	
	enumeration	103	
	enumeration	104	
	enumeration	105	
	enumeration	106	
	enumeration	107	
	enumeration	108	
	enumeration	109	
	enumeration	110	

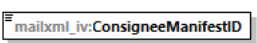
element **MPSVisDelivery/PushMessageID**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:s25		

element **MPSVisDelivery/ManifestScanEvent**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
children	mailxml_iv:ConsigneeManifestID mailxml_iv:ManifestScanEventDetail		

element **MPSVisDelivery/ManifestScanEvent/ConsigneeManifestID**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:ns22		
facets	Kind	Value	Annotation
	pattern	[0-9]{22}	


element **MPSVisDelivery/ManifestScanEvent/ManifestScanEventDetail**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml iv:manifestScanEventDetailType
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:EventData 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

element **MPSVisDelivery/UnManifestedScanEventDetail**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_iv:manifestScanEventDetailType
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

element **MPSVisNotification**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
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/mailxml22.0/mailxml_iv					
type	mailxml_defs:participantIDType					
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 Version 22.0 Identification Specification

	mailxml_defs:ShippingAgentID	mailxml_base:s12
	mailxml_defs:ReceivingAgentID	mailxml_base:s12

element **MPSVisNotification/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
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 **MPSVisNotification/AssumedScans**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
type	mailxml_base:yesNo					
facets	Kind	Value	Annotation			
	enumeration	Yes				
	enumeration	No				


element **MPSVisNotification/eDocType**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
type	mailxml_iv:eDocTypeType					
facets	Kind	Value	Annotation			
	enumeration	101				
	enumeration	102				
	enumeration	103				
	enumeration	104				
	enumeration	105				
	enumeration	106				
	enumeration	107				
	enumeration	108				

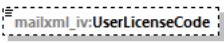
MailXML Version 22.0 Identification Specification

	enumeration 109
	enumeration 110


element **MPSVisNotification/PushMessageID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25

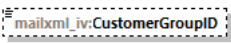
element **MPSVisNotification/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:userLicenseCodeType

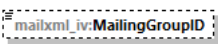
element **MPSVisNotification/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:jobIDType


element **MPSVisNotification/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25


element **MPSVisNotification/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

element **MPSVisNotification/AvailableRecordCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

element **MPSVisNotification/NotificationDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv

type	xs:date
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element **MPSVisNotification/MPSNotificationData**

diagram	<p>The diagram shows the structure of the <code>mailxml_iv:MPSNotificationData</code> element. It is a container element that contains a sequence of two child elements: <code>mailxml_iv:MPSRBlock</code> and <code>mailxml_iv:MPSAvailabilityDate</code>. The <code>mailxml_iv:MPSRBlock</code> element is optional and can occur 0 or more times (indicated by a dashed line and the cardinality <code>0..∞</code>). The <code>mailxml_iv:MPSAvailabilityDate</code> element is required and occurs exactly once (indicated by a solid line and the cardinality <code>1</code>).</p>
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_iv:MPSNotificationDataType
children	mailxml iv:MPSRBlock mailxml iv:MPSAvailabilityDate

element **MPSVisNotification/ManifestScanNotification**

diagram	<p>The diagram shows the structure of the <code>mailxml_iv:ManifestScanNotificationData</code> element. It is a container element that contains a sequence of one child element: <code>mailxml_iv:ConsigneeManifestID</code>. The <code>mailxml_iv:ConsigneeManifestID</code> element is optional and can occur 0 or more times (indicated by a dashed line and the cardinality <code>0..∞</code>).</p>
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_iv:manifestScanNotificationDataType
children	mailxml iv:ConsigneeManifestID

element **MPSVisQueryRequest**

diagram	<p>The diagram shows the structure of the <code>MPSVisQueryRequest</code> element. It is a container element that contains a sequence of five child elements: <code>mailxml_iv:SubmittingParty</code>, <code>mailxml_iv:SubmittingSoftware</code>, <code>mailxml_iv:SubmitterTrackingID</code>, <code>mailxml_iv:ManifestScanQuery</code>, and <code>mailxml_iv:RetrieveDataBy</code>. The <code>mailxml_iv:SubmittingParty</code>, <code>mailxml_iv:SubmittingSoftware</code>, and <code>mailxml_iv:SubmitterTrackingID</code> elements are optional and can occur 0 or more times (indicated by dashed lines and the cardinality <code>0..∞</code>). The <code>mailxml_iv:ManifestScanQuery</code> and <code>mailxml_iv:RetrieveDataBy</code> elements are required and occur exactly once (indicated by solid lines and the cardinality <code>1</code>).</p>
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
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/mailxml22.0/mailxml_iv					
type	mailxml_defs:participantIDType					
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 **MPSVisQueryRequest/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SoftwareName	xs:string	required			
	mailxml_defs:Vendor	xs:string	required			
	mailxml_defs:Version	xs:string	required			
	mailxml_defs:ApprovalDate	xs:date				
	mailxml_defs:ApprovalKey	xs:string				

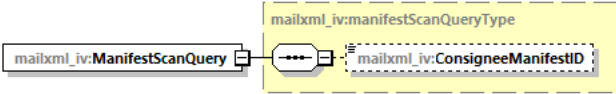
element **MPSVisQueryRequest/SubmitterTrackingID**

diagram						
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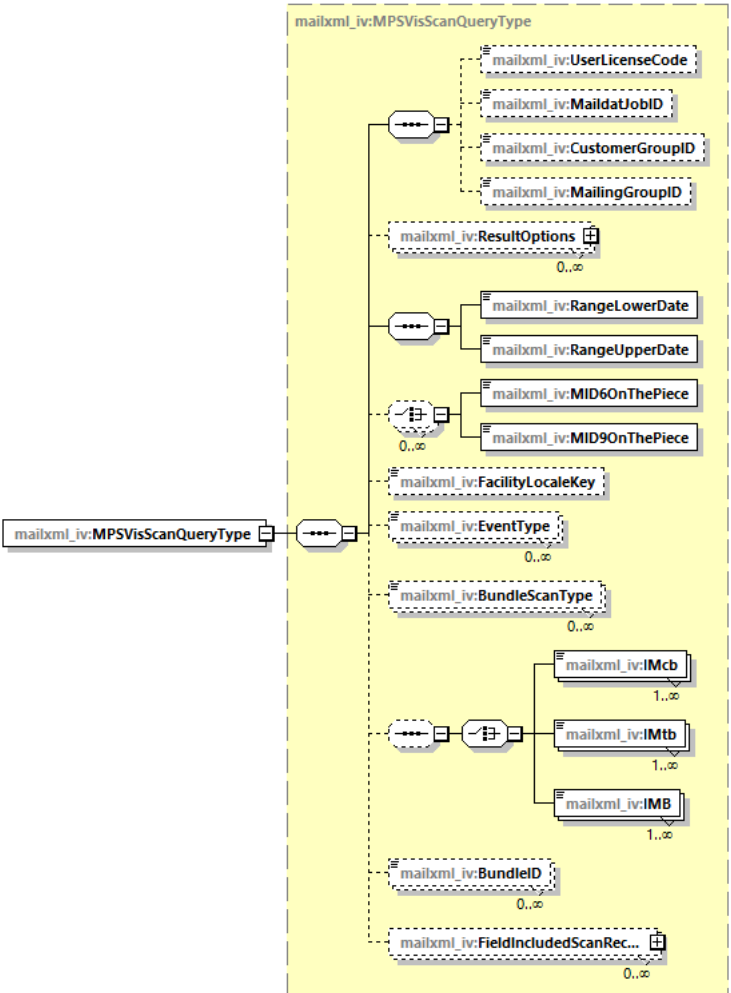
MailXML Version 22.0 Identification Specification

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s20

element MPSVisQueryRequest/ManifestScanQuery


diagram	 <p>The diagram shows the mailxml_iv:ManifestScanQuery element connected to a container box labeled mailxml_iv:manifestScanQueryType. Inside this box, the mailxml_iv:ConsigneeManifestID element is shown.</p>
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml iv:manifestScanQueryType
children	mailxml iv:ConsigneeManifestID

element MPSVisQueryRequest/MPSVisScanQueryType

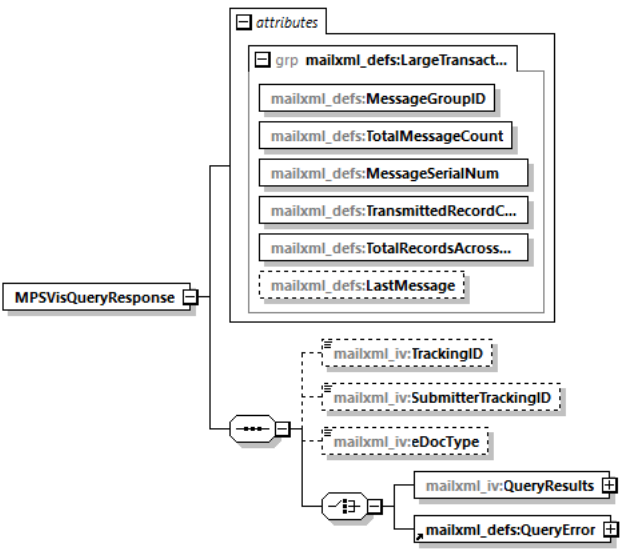
diagram	 <p>The diagram shows the mailxml_iv:MPSVisScanQueryType element connected to a large container box labeled mailxml_iv:MPSVisScanQueryType. Inside this box, the following elements are shown with their cardinalities:</p> <ul style="list-style-type: none"> mailxml_iv:UserLicenseCode (1..∞) mailxml_iv:MaildatJobID (1..∞) mailxml_iv:CustomerGroupID (1..∞) mailxml_iv:MailingGroupID (1..∞) mailxml_iv:ResultOptions (0..∞) mailxml_iv:RangeLowerDate (1..∞) mailxml_iv:RangeUpperDate (1..∞) mailxml_iv:MID6OnThePiece (1..∞) mailxml_iv:MID9OnThePiece (1..∞) mailxml_iv:FacilityLocaleKey (1..∞) mailxml_iv:EventType (0..∞) mailxml_iv:BundleScanType (0..∞) mailxml_iv:IMcb (1..∞) mailxml_iv:IMtb (1..∞) mailxml_iv:IMB (1..∞) mailxml_iv:BundleID (0..∞) mailxml_iv:FieldIncludedScanRec... (0..∞)
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml iv:MPSVisScanQueryType
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:FieldIncludedScanRec...

	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
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element **MPSVisQueryRequest/RetrieveDataBy**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:retrieveDataByType		
facets	Kind	Value	Annotation
	enumeration	FS	
	enumeration	NFS	
	enumeration	Both	

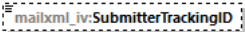
element **MPSVisQueryResponse**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
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_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/mailxml22.0/mailxml_iv
type	mailxml_base:s20

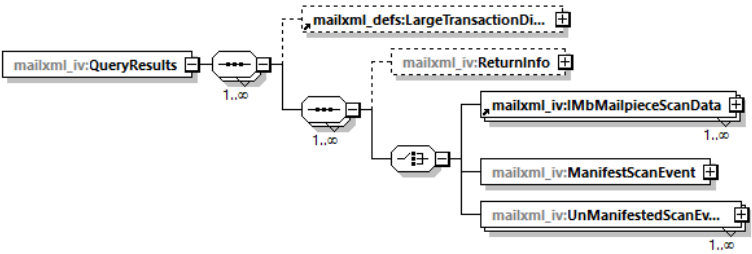
element **MPSVisQueryResponse/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s20

element **MPSVisQueryResponse/eDocType**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_iv: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		

element **MPSVisQueryResponse/QueryResults**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
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/mailxml22.0/mailxml_iv
type	mailxml_defs:basicReturnInfoType
children	mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock

element **MPSVisQueryResponse/QueryResults/ManifestScanEvent**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml_iv:ConsigneeManifestID mailxml_iv:ManifestScanEventDetail

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

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s22

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

diagram	<pre> classDiagram class ManifestScanEventDetailType { USPEventExtractFileVersionNumber IMpb ElectronicFileNumber MailerID MailerName DestinationZipCode DestinationZipPlusFour ScanningFacilityZip ScanningFacilityName EventCode EventName EventDate EventTime MailerOwnerID CustomerReferenceID DestinationCountryCode RecipientName OriginalLabel UnitofMeasureCode Weight GuaranteedDeliveryDate GuaranteedDeliveryTime LogisticsManagerMailerID } ManifestScanEventDetailType "1..∞" -- "*" USPEventExtractFileVersionNumber ManifestScanEventDetailType "1..∞" -- "*" IMpb ManifestScanEventDetailType "1..∞" -- "*" ElectronicFileNumber ManifestScanEventDetailType "1..∞" -- "*" MailerID ManifestScanEventDetailType "1..∞" -- "*" MailerName ManifestScanEventDetailType "1..∞" -- "*" DestinationZipCode ManifestScanEventDetailType "1..∞" -- "*" DestinationZipPlusFour ManifestScanEventDetailType "1..∞" -- "*" ScanningFacilityZip ManifestScanEventDetailType "1..∞" -- "*" ScanningFacilityName ManifestScanEventDetailType "1..∞" -- "*" EventCode ManifestScanEventDetailType "1..∞" -- "*" EventName ManifestScanEventDetailType "1..∞" -- "*" EventDate ManifestScanEventDetailType "1..∞" -- "*" EventTime ManifestScanEventDetailType "1..∞" -- "*" MailerOwnerID ManifestScanEventDetailType "1..∞" -- "*" CustomerReferenceID ManifestScanEventDetailType "1..∞" -- "*" DestinationCountryCode ManifestScanEventDetailType "1..∞" -- "*" RecipientName ManifestScanEventDetailType "1..∞" -- "*" OriginalLabel ManifestScanEventDetailType "1..∞" -- "*" UnitofMeasureCode ManifestScanEventDetailType "1..∞" -- "*" Weight ManifestScanEventDetailType "1..∞" -- "*" GuaranteedDeliveryDate ManifestScanEventDetailType "1..∞" -- "*" GuaranteedDeliveryTime ManifestScanEventDetailType "1..∞" -- "*" LogisticsManagerMailerID </pre>
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_iv:manifestScanEventDetailType
children	mailxml_iv:USPEventExtractFileVersionNumber 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

element **MPSVisQueryResponse/QueryResults/UnManifestedScanEventDetail**

diagram	<p>The diagram illustrates the structure of the <code>mailxml_iv:manifestScanEventDetailType</code>. It is a container for various child elements. A box representing <code>mailxml_iv:UnManifestedScanEv...</code> is connected to the container with a multiplicity of <code>1..∞</code>. The child elements listed within the container are:</p> <ul style="list-style-type: none"> <code>mailxml_iv:USPSEventExtractFileV...</code> <code>mailxml_iv:IMpb</code> <code>mailxml_iv:ElectronicFileNumber</code> <code>mailxml_iv:MailerID</code> <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> <code>mailxml_iv:CustomerReferenceID</code> <code>mailxml_iv:DestinationCountryCo</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:LogisticsManagerMai...</code>
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_iv:manifestScanEventDetailType
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

element **StartTheClockBMEUBlock**

diagram	<p>The diagram illustrates the structure of the <code>StartTheClockBMEUBlock</code>. It is a container for a single child element, <code>mailxml_iv:StartTheClockBMEU</code>, which is connected to the container with a multiplicity of <code>1..∞</code>.</p>
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml_iv:StartTheClockBMEU

used by	complexType clockStartedType
---------	--

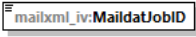
element **StartTheClockBMEUBlock/StartTheClockBMEU**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
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

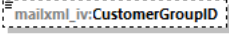
element **StartTheClockBMEUBlock/StartTheClockBMEU/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:userLicenseCodeType


element **StartTheClockBMEUBlock/StartTheClockBMEU/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:jobIDType


element **StartTheClockBMEUBlock/StartTheClockBMEU/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25


element **StartTheClockBMEUBlock/StartTheClockBMEU/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

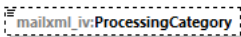
element **StartTheClockBMEUBlock/StartTheClockBMEU/PublicationNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s08

element **StartTheClockBMEUBlock/StartTheClockBMEU/MailClass**


diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:mailClassType		
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	

element **StartTheClockBMEUBlock/StartTheClockBMEU/ProcessingCategory**


diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:processingCategoryType		
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

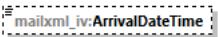
element **StartTheClockBMEUBlock/StartTheClockBMEU/OriginFacilityName**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s50


element **StartTheClockBMEUBlock/StartTheClockBMEU/OriginFacilityLocaleKey**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:localeKeyType

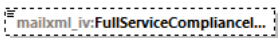
element **StartTheClockBMEUBlock/StartTheClockBMEU/ArrivalDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:dateTime

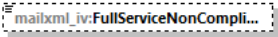
element **StartTheClockBMEUBlock/StartTheClockBMEU/StartTheClockDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date

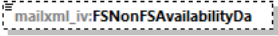
element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceComplianceIndicator**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:fullServiceComplianceIndicatorType		
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	


element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceNonComplianceReasonCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:reasonCodeType		
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	

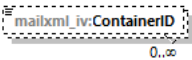
element **StartTheClockBMEUBlock/StartTheClockBMEU/FSNonFSAvailabilityDate**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	xs:date		


element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceIndicator**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:yesNo		
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

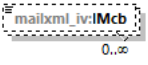
element **StartTheClockBMEUBlock/StartTheClockBMEU/ContainerID**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:s06		

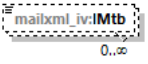
element **StartTheClockBMEUBlock/StartTheClockBMEU/ContainerType**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:mailXMLContainerType		
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	E	
	enumeration	F	
	enumeration	L	
	enumeration	O	
	enumeration	P	
	enumeration	S	
	enumeration	T	
	enumeration	V	
	enumeration	B	
	enumeration	U	
	enumeration	Z	
	enumeration	X	
	enumeration	H	
	enumeration	A	
	enumeration	G	
	enumeration	D	
	enumeration	R	
	enumeration	C	
	enumeration	CT	
	enumeration	M	
	enumeration	AB	
	enumeration	Y	


element **StartTheClockBMEUBlock/StartTheClockBMEU/IMcb**

diagram	 A dashed box containing the text 'mailxml_iv:IMcb' with a multiplicity of '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMcbType

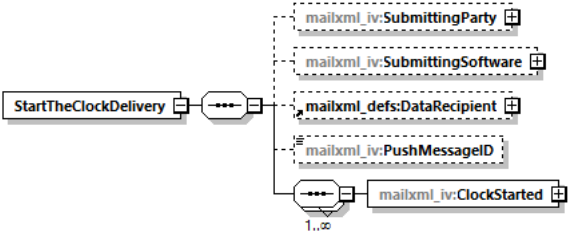
element **StartTheClockBMEUBlock/StartTheClockBMEU/IMtb**

diagram	 A dashed box containing the text 'mailxml_iv:IMtb' with a multiplicity of '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMtbType

element **StartTheClockBMEUBlock/StartTheClockBMEU/IMpb**

diagram	 A dashed box containing the text 'mailxml_iv:IMpb' with a multiplicity of '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMpbType

element **StartTheClockDelivery**

diagram	 A diagram showing the 'StartTheClockDelivery' element as a container. It contains a sequence of four optional elements (indicated by dashed boxes and a '+' icon): 'mailxml_iv:SubmittingParty', 'mailxml_iv:SubmittingSoftware', 'mailxml_defs:DataRecipient', and 'mailxml_iv:PushMessageID'. Below these is a required element (indicated by a solid box and a '-' icon) 'mailxml_iv:ClockStarted' with a multiplicity of '1..∞'.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
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/mailxml22.0/mailxml_iv					
type	mailxml_defs:participantIDType					
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/mailxml22.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SoftwareName	xs:string	required			
	mailxml_defs:Vendor	xs:string	required			
	mailxml_defs:Version	xs:string	required			
	mailxml_defs:ApprovalDate	xs:date				
	mailxml_defs:ApprovalKey	xs:string				

element **StartTheClockDelivery/PushMessageID**

diagram						
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MailXML Version 22.0 Identification Specification

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25

element **StartTheClockDelivery/ClockStarted**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_iv:clockStartedType
children	mailxml_iv:StartTheClockBMEUBlock mailxml_iv:StartTheClockDropShipOrOriginBlock mailxml_iv:StartTheClockPlantLoadBlock

element **StartTheClockDropShipOrOrigin**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
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	
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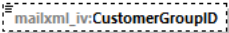
MailXML Version 22.0 Identification Specification

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:userLicenseCodeType

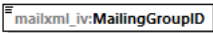
element **StartTheClockDropShipOrOrigin/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:jobIDType

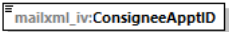
element **StartTheClockDropShipOrOrigin/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25

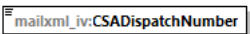
element **StartTheClockDropShipOrOrigin/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

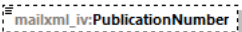
element **StartTheClockDropShipOrOrigin/ConsigneeApptID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s10

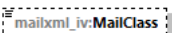
element **StartTheClockDropShipOrOrigin/CSADispatchNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s10

element **StartTheClockDropShipOrOrigin/PublicationNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s08

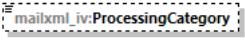
element **StartTheClockDropShipOrOrigin/MailClass**

diagram	
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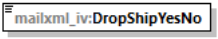
MailXML Version 22.0 Identification Specification

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:mailClassType		
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	


element **StartTheClockDropShipOrOrigin/ProcessingCategory**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:processingCategoryType		
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	

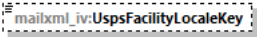
element **StartTheClockDropShipOrOrigin/DropShipYesNo**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:yesNo		
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	


element **StartTheClockDropShipOrOrigin/UspsFacilityName**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:s50		

element **StartTheClockDropShipOrOrigin/UspsFacilityLocaleKey**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:localeKeyType

element **StartTheClockDropShipOrOrigin/City**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s45


element **StartTheClockDropShipOrOrigin/State**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:stateCode		
facets	Kind	Value	Annotation
	enumeration	AA	
	enumeration	AE	
	enumeration	AP	
	enumeration	AL	
	enumeration	AK	
	enumeration	AS	
	enumeration	AZ	
	enumeration	AR	
	enumeration	CA	
	enumeration	CO	
	enumeration	CT	
	enumeration	DE	
	enumeration	DC	
	enumeration	FM	
	enumeration	FL	
	enumeration	GA	
	enumeration	GU	
	enumeration	HI	
	enumeration	IL	
	enumeration	IN	
	enumeration	IA	
	enumeration	ID	
	enumeration	KS	
	enumeration	KY	
	enumeration	LA	
	enumeration	MH	


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	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

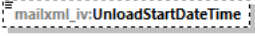
element **StartTheClockDropShipOrOrigin/ApptDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:dateTime

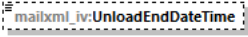
element **StartTheClockDropShipOrOrigin/ArrivalDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:dateTime

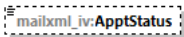
element **StartTheClockDropShipOrOrigin/UnloadStartDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:dateTime


element **StartTheClockDropShipOrOrigin/UnloadEndDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:dateTime

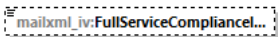
element **StartTheClockDropShipOrOrigin/ApptStatus**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:apptStatusType		
facets	Kind	Value	Annotation
	enumeration	Open	
	enumeration	Closed	
	enumeration	No Show	
	enumeration	Unscheduled	
	enumeration	Rejected	

element **StartTheClockDropShipOrOrigin/StartTheClockDate**


diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date

element **StartTheClockDropShipOrOrigin/FullServiceComplianceIndicator**

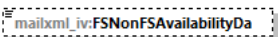
diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:fullServiceComplianceIndicatorType		
facets	Kind enumeration	Value Yes	Annotation

	enumeration	No
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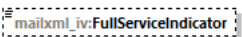
element StartTheClockDropShipOrOrigin/FullServiceNonComplianceReasonCode

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:reasonCodeType		
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/mailxml22.0/mailxml_iv		
type	xs:date		


element StartTheClockDropShipOrOrigin/FullServiceIndicator

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:yesNo		
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

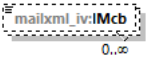
element StartTheClockDropShipOrOrigin/ContainerID

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:s06		

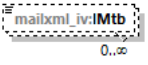
element **StartTheClockDropShipOrOrigin/ContainerType**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:mailXMLContainerType		
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	E	
	enumeration	F	
	enumeration	L	
	enumeration	O	
	enumeration	P	
	enumeration	S	
	enumeration	T	
	enumeration	V	
	enumeration	B	
	enumeration	U	
	enumeration	Z	
	enumeration	X	
	enumeration	H	
	enumeration	A	
	enumeration	G	
	enumeration	D	
	enumeration	R	
	enumeration	C	
	enumeration	CT	
	enumeration	M	
	enumeration	AB	
	enumeration	Y	

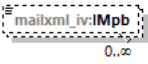
element **StartTheClockDropShipOrOrigin/IMcb**

diagram	 A dashed box containing the text 'mailxml_iv:IMcb' with '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMcbType

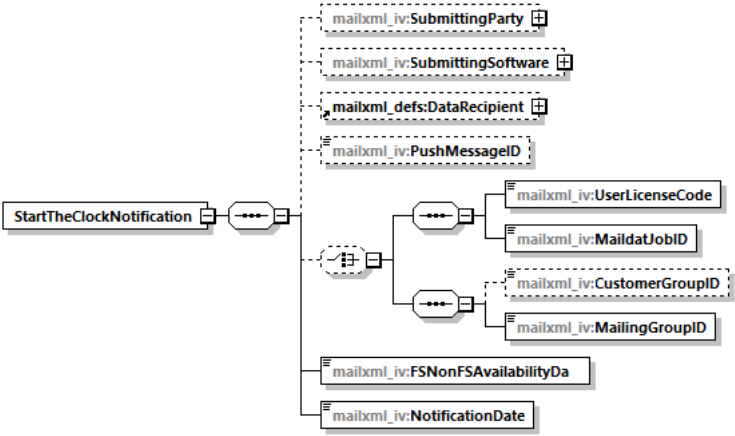
element **StartTheClockDropShipOrOrigin/IMtb**

diagram	 A dashed box containing the text 'mailxml_iv:IMtb' with '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMtbType

element **StartTheClockDropShipOrOrigin/IMpb**

diagram	 A dashed box containing the text 'mailxml_iv:IMpb' with '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMpbType

element **StartTheClockNotification**

diagram	 A complex diagram showing the structure of the 'StartTheClockNotification' element. It starts with a root box labeled 'StartTheClockNotification' followed by a sequence container (rectangle with three dots). This is followed by a choice container (oval with a vertical line). The choice container has two main branches. The first branch is a sequence container containing: 'mailxml_iv:SubmittingParty' (dashed box), 'mailxml_iv:SubmittingSoftware' (dashed box), 'mailxml_defs:DataRecipient' (dashed box), and 'mailxml_iv:PushMessageID' (dashed box). The second branch is a sequence container containing: 'mailxml_iv:UserLicenseCode' (solid box), 'mailxml_iv:MaidatJobID' (solid box), 'mailxml_iv:CustomerGroupID' (dashed box), and 'mailxml_iv:MailingGroupID' (solid box). Below the choice container are two more elements: 'mailxml_iv:FSNonFSAAvailabilityDa' (solid box) and 'mailxml_iv:NotificationDate' (solid box).
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:UserLicenseCode mailxml_iv:MaidatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:FSNonFSAAvailabilityDate 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/mailxml22.0/mailxml_iv					
type	mailxml_defs:participantIDType					
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/mailxml22.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
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						
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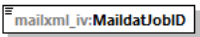
MailXML Version 22.0 Identification Specification

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25

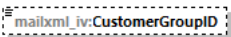
element **StartTheClockNotification/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:userLicenseCodeType


element **StartTheClockNotification/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:jobIDType


element **StartTheClockNotification/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25

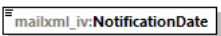
element **StartTheClockNotification/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

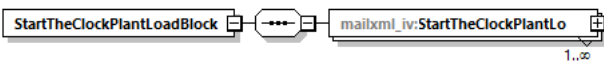
element **StartTheClockNotification/FSNonFSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date

element **StartTheClockNotification/NotificationDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date

element **StartTheClockPlantLoadBlock**

diagram	
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MailXML Version 22.0 Identification Specification

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml iv:StartTheClockPlantLoad
used by	complexType clockStartedType

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad**

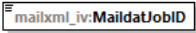
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml iv:UserLicenseCode mailxml iv:MaildatJobID mailxml iv:CustomerGroupID mailxml iv:MailingGroupID mailxml iv:PublicationNumber mailxml iv:CSADispatchNumber mailxml iv:MailClass mailxml iv:ProcessingCategory mailxml iv:OriginFacilityName mailxml iv:OriginFacilityLocaleKey mailxml iv:MailReleasedDateTime mailxml iv:StartTheClockDate mailxml iv:FullServiceComplianceIndicator mailxml iv:FullServiceNonComplianceReasonCode mailxml iv:FSNonFSAAvailabilityDate mailxml iv:FullServiceIndicator mailxml iv:ContainerID mailxml iv:ContainerType mailxml iv:IMcb mailxml iv:IMtb mailxml iv:IMpb

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/UserLicenseCode**

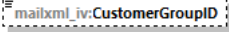
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv

type	mailxml_base:userLicenseCodeType
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element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:jobIDType


element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25

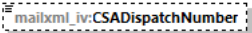
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

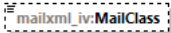
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/PublicationNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s08

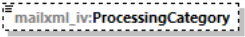
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/CSADispatchNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s10

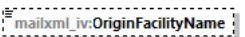
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailClass**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:mailClassType		
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	


element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ProcessingCategory**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:processingCategoryType		
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/mailxml22.0/mailxml_iv		
type	mailxml_base:s50		

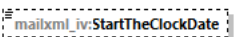
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/OriginFacilityLocaleKey**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:localeKeyType		


element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailReleasedDateTime**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	xs:dateTime		


element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/StartTheClockDate**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	xs:date		


element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceComplianceIndicator**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:fullServiceComplianceIndicatorType		
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

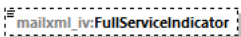
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceNonComplianceReasonCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:reasonCodeType		
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/mailxml22.0/mailxml_iv
type	xs:date

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceIndicator**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:yesNo		
facets	Kind enumeration	Value Yes	Annotation

	enumeration	No
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element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ContainerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s06

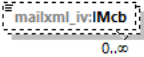
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ContainerType**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:mailXMLContainerType		
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	

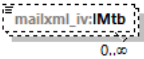
MailXML Version 22.0 Identification Specification

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

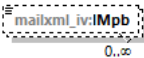
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMcb**

diagram	 A dashed box containing the text 'mailxml_iv:IMcb' with a multiplicity of '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMcbType

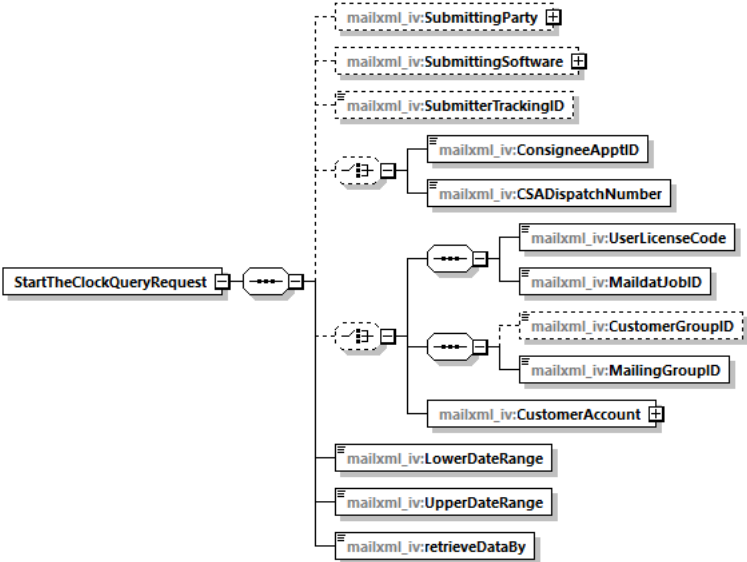
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMtb**

diagram	 A dashed box containing the text 'mailxml_iv:IMtb' with a multiplicity of '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMtbType

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMpb**

diagram	 A dashed box containing the text 'mailxml_iv:IMpb' with a multiplicity of '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMpbType

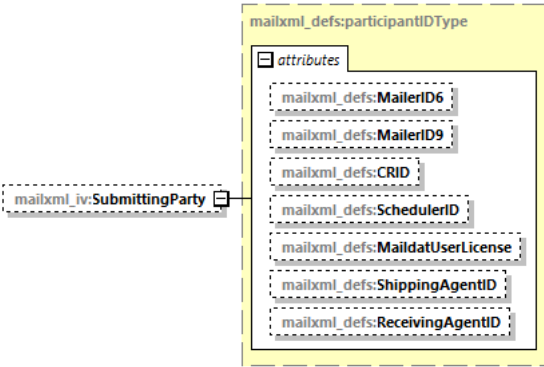
element **StartTheClockQueryRequest**

diagram	 A complex diagram showing the structure of the 'StartTheClockQueryRequest' element. The root element is 'StartTheClockQueryRequest' with a multiplicity of '1'. It has several optional child elements (indicated by dashed boxes) and one mandatory child element (indicated by a solid box). The optional elements are: 'mailxml_iv:SubmittingParty' (multiplicity 1), 'mailxml_iv:SubmittingSoftware' (multiplicity 1), 'mailxml_iv:SubmitterTrackingID' (multiplicity 1), 'mailxml_iv:ConsigneeApptID' (multiplicity 1), 'mailxml_iv:CSADispatchNumber' (multiplicity 1), 'mailxml_iv:UserLicenseCode' (multiplicity 1), 'mailxml_iv:MaildatJobID' (multiplicity 1), 'mailxml_iv:CustomerGroupID' (multiplicity 1), 'mailxml_iv:MailingGroupID' (multiplicity 1), 'mailxml_iv:CustomerAccount' (multiplicity 1), 'mailxml_iv:LowerDateRange' (multiplicity 1), 'mailxml_iv:UpperDateRange' (multiplicity 1), and 'mailxml_iv:retrieveDataBy' (multiplicity 1). The mandatory child element is 'mailxml_iv:CustomerAccount' (multiplicity 1).
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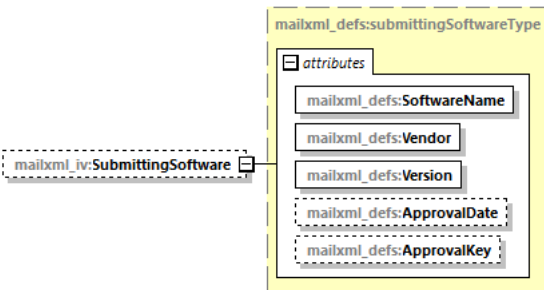
MailXML Version 22.0 Identification Specification

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml iv:SubmittingParty mailxml iv:SubmittingSoftware mailxml iv:SubmitterTrackingID mailxml iv:ConsigneeApptID mailxml iv:CSADispatchNumber mailxml iv:UserLicenseCode mailxml iv:MaildatJobID mailxml iv:CustomerGroupID mailxml iv:MailgroupID 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/mailxml22.0/mailxml_iv					
type	mailxml_defs:participantIDType					
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 **StartTheClockQueryRequest/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
type	mailxml_defs:submittingSoftwareType					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SoftwareName	xs:string	required			


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	mailxml_defs:Vendor	xs:string	required
	mailxml_defs:Version	xs:string	required
	mailxml_defs:ApprovalDate	xs:date	
	mailxml_defs:ApprovalKey	xs:string	

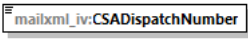
element **StartTheClockQueryRequest/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s20


element **StartTheClockQueryRequest/ConsigneeApptID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s12

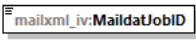
element **StartTheClockQueryRequest/CSADispatchNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s10


element **StartTheClockQueryRequest/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:userLicenseCodeType

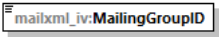
element **StartTheClockQueryRequest/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:jobIDType

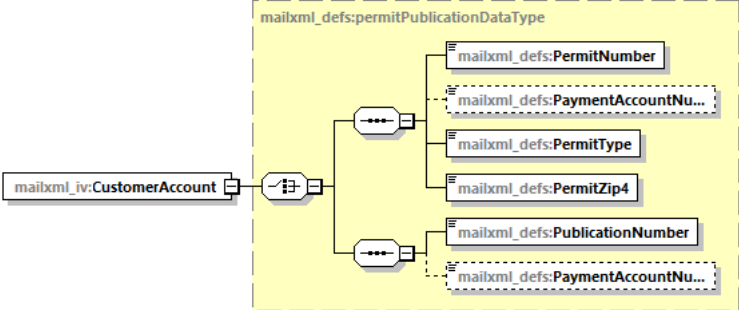
element **StartTheClockQueryRequest/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25


element **StartTheClockQueryRequest/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

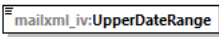
element **StartTheClockQueryRequest/CustomerAccount**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_defs:permitPublicationDataType
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/mailxml22.0/mailxml_iv
type	xs:date

element **StartTheClockQueryRequest/UpperDateRange**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date

element **StartTheClockQueryRequest/retrieveDataBy**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:retrieveDataByType		
facets	Kind	Value	Annotation
	enumeration	FS	
	enumeration	NFS	
	enumeration	Both	

element **StartTheClockQueryResponse**

diagram						
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv					
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.					

element **StartTheClockQueryResponse/TrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s20

element **StartTheClockQueryResponse/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s20

element **StartTheClockQueryResponse/QueryResults**

diagram	
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namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml_defs:LargeTransactionDividerResult mailxml iv:ClockStarted mailxml iv:ReturnInfo

element **StartTheClockQueryResponse/QueryResults/ClockStarted**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml iv:clockStartedType
children	mailxml iv:StartTheClockBMEUBlock mailxml iv:StartTheClockDropShipOrOriginBlock mailxml iv:StartTheClockPlantLoadBlock

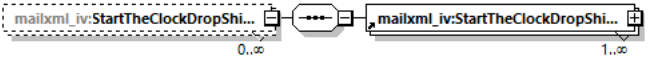
element **StartTheClockQueryResponse/QueryResults/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_defs:basicReturnInfoType
children	mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock


complexType **clockStartedType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml iv:StartTheClockBMEUBlock mailxml iv:StartTheClockDropShipOrOriginBlock mailxml iv:StartTheClockPlantLoadBlock
used by	elements StartTheClockDelivery/ClockStarted StartTheClockQueryResponse/QueryResults/ClockStarted

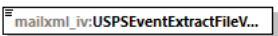
element **clockStartedType/StartTheClockDropShipOrOriginBlock**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml iv:StartTheClockDropShipOrOrigin

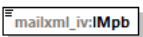
complexType **manifestScanEventDetailType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/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

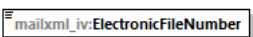
element **manifestScanEventDetailType/USPSEventExtractFileVersionNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s03

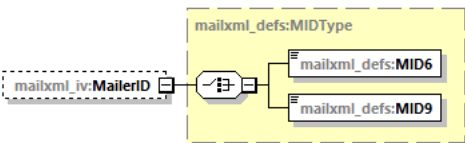
element **manifestScanEventDetailType/IMpb**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:IMpbType

element **manifestScanEventDetailType/ElectronicFileNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s34

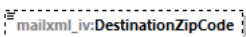
element **manifestScanEventDetailType/MailerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_defs:MIDType
children	mailxml_defs:MID6 mailxml_defs:MID9

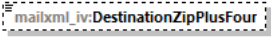
element **manifestScanEventDetailType/MailerName**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s20

element **manifestScanEventDetailType/DestinationZipCode**

diagram							
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv						
type	mailxml_defs:zipCode						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>[0-9]{9}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	[0-9]{9}	
Kind	Value	Annotation					
pattern	[0-9]{9}						

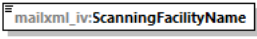
element **manifestScanEventDetailType/DestinationZipPlusFour**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s09


element **manifestScanEventDetailType/ScanningFacilityZip**

diagram							
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv						
type	mailxml_defs:zipCode						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>[0-9]{9}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	[0-9]{9}	
Kind	Value	Annotation					
pattern	[0-9]{9}						

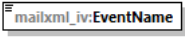
element **manifestScanEventDetailType/ScanningFacilityName**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s31


element **manifestScanEventDetailType/EventCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s02


element **manifestScanEventDetailType/EventName**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s40

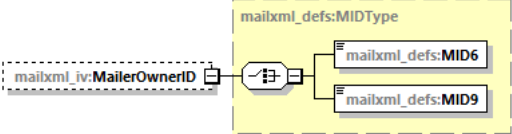
element **manifestScanEventDetailType/EventDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date

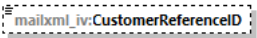
element **manifestScanEventDetailType/EventTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:time

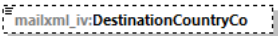
element **manifestScanEventDetailType/MailerOwnerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_defs:MIDType
children	mailxml_defs:MID6 mailxml_defs:MID9


element **manifestScanEventDetailType/CustomerReferencelD**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s40

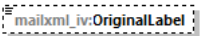
element **manifestScanEventDetailType/DestinationCountryCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s02


element **manifestScanEventDetailType/RecipientName**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s20

element **manifestScanEventDetailType/OriginalLabel**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s34

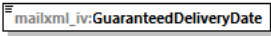
element **manifestScanEventDetailType/UnitofMeasureCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:ns01		
facets	Kind	Value	Annotation
	pattern	[0-9]{1}	

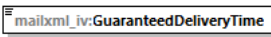
element **manifestScanEventDetailType/Weight**

diagram							
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv						
type	mailxml_base:ns09						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>[0-9]{9}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	[0-9]{9}	
Kind	Value	Annotation					
pattern	[0-9]{9}						

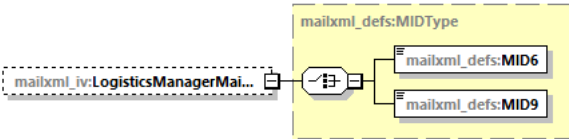
element **manifestScanEventDetailType/GuaranteedDeliveryDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:time

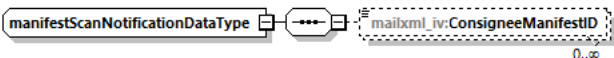
element **manifestScanEventDetailType/GuaranteedDeliveryTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:time


element **manifestScanEventDetailType/LogisticsManagerMailerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_defs:MIDType
children	mailxml_defs:MID6 mailxml_defs:MID9

complexType **manifestScanNotificationDataType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml_iv:ConsigneeManifestID
used by	element MPSVisNotification/ManifestScanNotification


element **manifestScanNotificationDataType/ConsigneeManifestID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:ns22


MailXML Version 22.0 Identification Specification

facets	Kind	Value	Annotation
	pattern	[0-9]{22}	

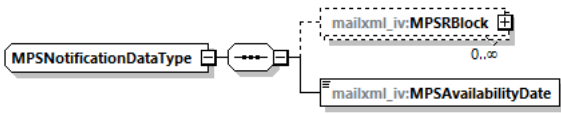
complexType **manifestScanQueryType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml iv:ConsigneeManifestID
used by	element MPSVisQueryRequest/ManifestScanQuery

element **manifestScanQueryType/ConsigneeManifestID**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:ns22		
facets	Kind	Value	Annotation
	pattern	[0-9]{22}	

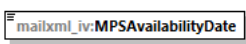
complexType **MPSNotificationDataType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml iv:MPSRBlock mailxml iv:MPSAvailabilityDate
used by	element MPSVisNotification/MPSNotificationData

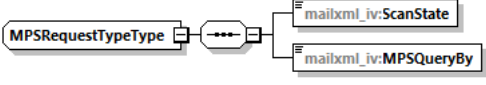
element **MPSNotificationDataType/MPSRBlock**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_defs:MPSRBlockType
children	mailxml_defs:ContainerID mailxml_defs:PSRBlock

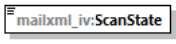
element **MPSNotificationDataType/MPSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date

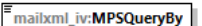
complexType **MPSRequestType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml_iv:ScanState mailxml_iv:MPSQueryBy

element **MPSRequestType/ScanState**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:MPSStateType		
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	
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	enumeration	26	
	enumeration	27	
	enumeration	28	
	enumeration	29	
	enumeration	30	

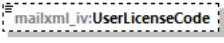
element **MPSRequestType/MPSQueryBy**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:MPSQueryType		
facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	S	
	enumeration	PC	
	enumeration	BC	

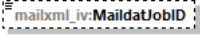
complexType **MPSVisScanQueryType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/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

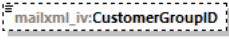
element **MPSVisScanQueryType/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:userLicenseCodeType


element **MPSVisScanQueryType/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:jobIDType

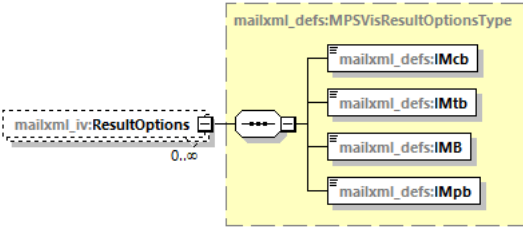
element **MPSVisScanQueryType/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25

element **MPSVisScanQueryType/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger


element **MPSVisScanQueryType/ResultOptions**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_defs:MPSVisResultOptionsType
children	mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:IMB mailxml_defs:IMpb

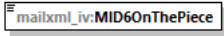
element **MPSVisScanQueryType/RangeLowerDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date

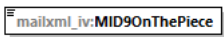
element **MPSVisScanQueryType/RangeUpperDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date

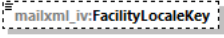
element **MPSVisScanQueryType/MID6OnThePiece**

diagram							
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv						
type	mailxml_base:mailerID6Type						
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}						

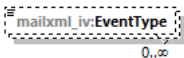
element **MPSVisScanQueryType/MID9OnThePiece**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:mailerID9Type		
facets	Kind	Value	Annotation
	pattern	[0-9]{9}	

element **MPSVisScanQueryType/FacilityLocaleKey**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:localeKeyType

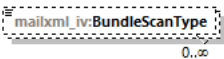
element **MPSVisScanQueryType/EventType**

diagram																															
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv																														
type	mailxml_defs:pieceScanEventTypeType																														
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>5</td><td></td></tr><tr><td>enumeration</td><td>6</td><td></td></tr><tr><td>enumeration</td><td>7</td><td></td></tr><tr><td>enumeration</td><td>8</td><td></td></tr><tr><td>enumeration</td><td>9</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6		enumeration	7		enumeration	8		enumeration	9	
Kind	Value	Annotation																													
enumeration	1																														
enumeration	2																														
enumeration	3																														
enumeration	4																														
enumeration	5																														
enumeration	6																														
enumeration	7																														
enumeration	8																														
enumeration	9																														

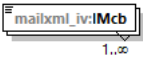
MailXML Version 22.0 Identification Specification

enumeration	10
enumeration	11
enumeration	12
enumeration	13
enumeration	14
enumeration	15
enumeration	16
enumeration	17
enumeration	18
enumeration	19
enumeration	20

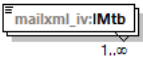
element **MPSVisScanQueryType/BundleScanType**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:bundleScanTypeType		
facets	Kind	Value	Annotation
	enumeration	ActualScan	
	enumeration	AssumedScan	
	enumeration	Both	

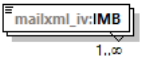
element **MPSVisScanQueryType/IMcb**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:IMcbType		


element **MPSVisScanQueryType/IMtb**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:IMtbType		

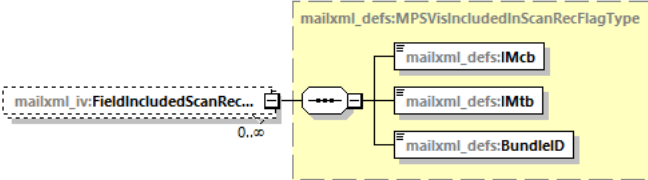
element **MPSVisScanQueryType/IMB**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:iMBType		
facets	Kind	Value	Annotation
	pattern	([0-9])+	

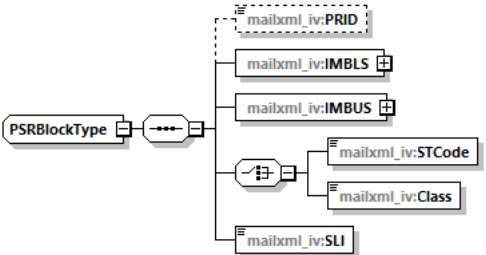
element **MPSVisScanQueryType/BundleID**

diagram	 A dashed box containing the text 'mailxml_iv:BundleID' with a cardinality of '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s06


element **MPSVisScanQueryType/FieldIncludedScanRecFlag**

diagram	 A dashed box containing the text 'mailxml_iv:FieldIncludedScanRecFlag' with a cardinality of '0..∞' below it. It is connected to a box labeled 'mailxml_defs:MPSVisIncludedInScanRecFlagType' which contains three sub-elements: 'mailxml_defs:IMcb', 'mailxml_defs:IMtb', and 'mailxml_defs:BundleID'.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_defs:MPSVisIncludedInScanRecFlagType
children	mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:BundleID

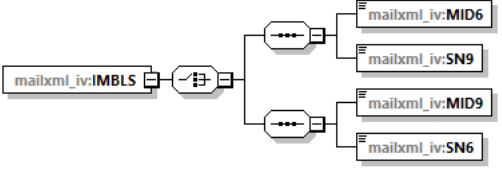
complexType **PSRBlockType**

diagram	 A diagram showing the structure of PSRBlockType. It is a container for several elements: 'mailxml_iv:PRID' (dashed box), 'mailxml_iv:IMBLS' (box with a plus sign), 'mailxml_iv:IMBUS' (box with a plus sign), 'mailxml_iv:STCode' (box with a plus sign), 'mailxml_iv:Class' (box with a plus sign), and 'mailxml_iv:SLI' (box with a plus sign). The elements are connected via a central box with a plus sign.
namespace	http://idealliance.org/Specs/mailxml22.0/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	 A dashed box containing the text 'mailxml_iv:PRID'.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s22

element **PSRBlockType/IMBLS**


diagram	 A diagram showing the structure of mailxml_iv:IMBLS. It is a container for two groups of elements. The first group contains 'mailxml_iv:MID6' and 'mailxml_iv:SN9'. The second group contains 'mailxml_iv:MID9' and 'mailxml_iv:SN6'.
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv

children	mailxml iv:MID6 mailxml iv:SN9 mailxml iv:MID9 mailxml iv:SN6
----------	---


element **PSRBlockType/IMBLS/MID6**

diagram							
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv						
type	mailxml_base:mailerID6Type						
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/mailxml22.0/mailxml_iv						
type	mailxml_base:iMBSerialNumber9Type						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>[0-9]{9}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	[0-9]{9}	
Kind	Value	Annotation					
pattern	[0-9]{9}						

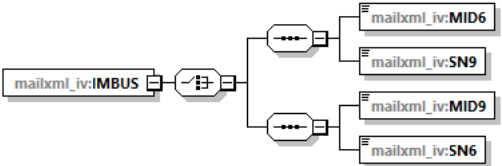
element **PSRBlockType/IMBLS/MID9**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:mailerID9Type		
facets	Kind	Value	Annotation
	pattern	[0-9]{9}	

element **PSRBlockType/IMBLS/SN6**

diagram							
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv						
type	mailxml_base:IMBSerialNumber6Type						
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}						

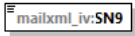
element **PSRBlockType/IMBUS**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
children	mailxml iv:MID6 mailxml iv:SN9 mailxml iv:MID9 mailxml iv:SN6

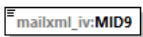
element **PSRBlockType/IMBUS/MID6**

diagram							
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv						
type	mailxml_base:mailerID6Type						
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}						

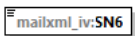
element **PSRBlockType/IMBUS/SN9**

diagram							
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv						
type	mailxml_base:iMBSerialNumber9Type						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>[0-9]{9}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	[0-9]{9}	
Kind	Value	Annotation					
pattern	[0-9]{9}						

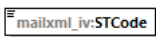
element **PSRBlockType/IMBUS/MID9**

diagram							
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv						
type	mailxml_base:mailerID9Type						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>[0-9]{9}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	[0-9]{9}	
Kind	Value	Annotation					
pattern	[0-9]{9}						


element **PSRBlockType/IMBUS/SN6**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:iMBSerialNumber6Type		
facets	Kind	Value	Annotation
	pattern	[0-9]{6}	

element **PSRBlockType/STCode**


diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:ServiceTypeCodeType		
facets	Kind	Value	Annotation
	pattern	[0-9]{3}	

element **PSRBlockType/Class**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv

type	mailxml_base:mailClassType		
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	

element **PSRBlockType/SLI**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:serviceLevelIndicatorType		
facets	Kind	Value	Annotation
	enumeration	F	
	enumeration	B	
	enumeration	P	
	enumeration	O	

complexType **scanEventQueryType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/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:MID60OnThePiece mailxml_iv:MID90OnThePiece mailxml_iv:FacilityLocaleKey mailxml_iv:EventType mailxml_iv:BundleScanType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:BundleID mailxml_iv:FieldIncludedScanRecFlag

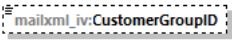
element **scanEventQueryType/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:userLicenseCodeType


element **scanEventQueryType/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:jobIDType

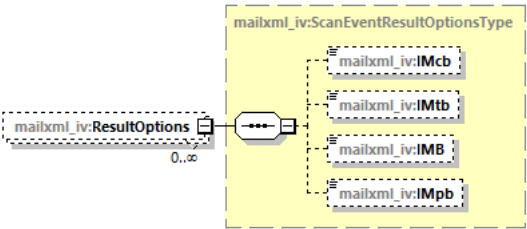
element **scanEventQueryTypeType/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:s25


element **scanEventQueryTypeType/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:nonNegativeInteger

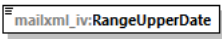
element **scanEventQueryTypeType/ResultOptions**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_iv:ScanEventResultOptionsType
children	mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:IMpb

element **scanEventQueryTypeType/RangeLowerDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date

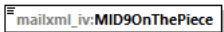
element **scanEventQueryTypeType/RangeUpperDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	xs:date

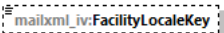
element **scanEventQueryTypeType/MID6OnThePiece**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:mailerID6Type		
facets	Kind	Value	Annotation
	pattern	[0-9]{6}	


element **scanEventQueryType/MID9OnThePiece**

diagram							
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv						
type	mailxml_base:mailerID9Type						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>[0-9]{9}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	[0-9]{9}	
Kind	Value	Annotation					
pattern	[0-9]{9}						

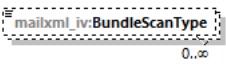
element **scanEventQueryType/FacilityLocaleKey**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_base:localeKeyType

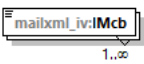
element **scanEventQueryType/EventType**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:pieceScanEventTypeType		
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	


element **scanEventQueryTypeType/BundleScanType**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_defs:bundleScanTypeType		
facets	Kind	Value	Annotation
	enumeration	ActualScan	
	enumeration	AssumedScan	
	enumeration	Both	


element **scanEventQueryTypeType/IMcb**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:IMcbType		


element **scanEventQueryTypeType/IMtb**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:IMtbType		

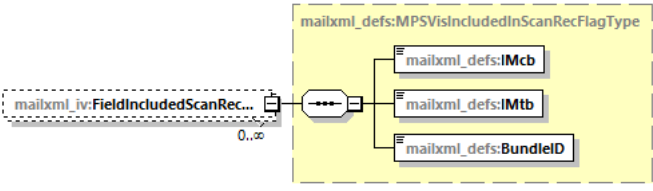
element **scanEventQueryTypeType/IMB**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:iMBType		
facets	Kind	Value	Annotation
	pattern	([0-9])+	

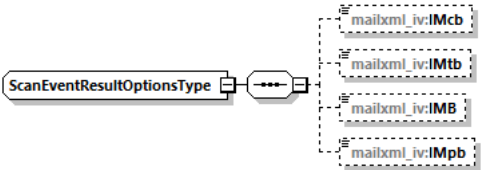
element **scanEventQueryTypeType/BundleID**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:s06		

element **scanEventQueryType/FieldIncludedScanRecFlag**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv
type	mailxml_defs:MPSVisIncludedInScanRecFlagType
children	mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:BundleID

complexType **ScanEventResultOptionsType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/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/mailxml22.0/mailxml_iv									
type	mailxml_base:yesNo									
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**

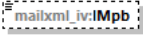
diagram										
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv									
type	mailxml_base:yesNo									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>Yes</td><td></td></tr><tr><td>enumeration</td><td>No</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Yes		enumeration	No	
Kind	Value	Annotation								
enumeration	Yes									
enumeration	No									

element **ScanEventResultOptionsType/IMB**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv

type	mailxml_base:yesNo		
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

element **ScanEventResultOptionsType/IMpb**

diagram			
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	mailxml_base:yesNo		
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

simpleType **eDocTypeType**

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	restriction of 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 **handlingEventTypeType**

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	restriction of xs:string		
used by	elements ContainerVisibilityQueryRequest/HandlingEventType ContainerVisibilityEntry/HandlingEventType		
facets	Kind	Value	Annotation
	enumeration	Actual	
	enumeration	Logical	
	enumeration	AssumedActual	
	enumeration	AssumedLogical	

simpleType **mailObjectTypeType**

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	restriction of xs:string		

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used by	elements	ContainerVisibilityQueryRequest/MailObjectType ContainerVisibilityEntry/MailObjectType	
facets	Kind	Value	Annotation
	enumeration	Container	
	enumeration	HandlingUnit	

simpleType **recipientRoleType**

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	restriction of xs:string		
used by	elements	ContainerVisibilityQueryRequest/RecipientRole ContainerVisibilityEntry/RecipientRole	
facets	Kind	Value	Annotation
	enumeration	Mail Owner	
	enumeration	Mail Owner Delegate	
	enumeration	Mail Preparer	
	enumeration	Mail Preparer Delegate	
	enumeration	MID Owner of MID on Container	
	enumeration	MID Owner of MID on Container Delegate	
	enumeration	MID Owner of MID on Tray	
	enumeration	MID Owner of MID on Tray Delegate	
	enumeration	MID Owner of MID on Piece	
	enumeration	MID Owner of MID on Piece Delegate	
	enumeration	eDoc Submitter	
	enumeration	eDoc Submitter Delegate	
	enumeration	FAST Scheduler	
	enumeration	FAST Scheduler Delegate	

simpleType **scanEventCodeType**

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_iv		
type	restriction of xs:string		
used by	elements	ContainerVisibilityQueryRequest/ScanEventCode ContainerVisibilityEntry/ScanEventCode	
facets	Kind	Value	Annotation
	pattern	\d{3}	

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