



MailXML Version 21.0

Informed Visibility Messages Specification

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Abstract

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

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About Mail.XML™

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

The core focus of Mail.XML is communication between industry members and from industry to the final mail processing and delivery organization that delivers the mail to the end consumer, e.g., USPS. In the next few versions of Mail.XML the focus moves across mailing supply chain channels, and includes advanced functions such as payment; automated verification; enabling first, second, and third party communication and incorporating presort planning, printing, and distribution processes.

What's New in Mail.XML Version 21.0?

With this release, the Mail.XML Messaging Protocol moves to Version 21.0. In addition to minor cleanup, this release supports ongoing USPS modernization and automation efforts for 2018.

Changes supported by MailXML 21.0 include:

- Update the ContainerVisibilityEntry to contain fields to allow users to receive new Scan State events for Container / Handling Units..
- As part of the January 2018 Price Change release, PostalOne! will use the Container Type defined in the Qualification Report for Periodicals Sacks and Trays to map to the correct line on the postage statement. MailXML V21.0 allows line mapping for sack/tray directly as part of the PeriodicalStatementCreateRequest.
- Mail.XML V21.0 will add support for ASF (Auxiliary Service Facility) in ContainerStatusQueryResponse.
- MailXML V21.0 updates the ContainerVisibilityEntry to allow users to determine the party that was received the visibility data.
- MailXML V21.0 enables USPS to requiring permit information for Mailing Agents when only CRID or MID information is used to identify the correct Mailing Agent.

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

About MailXML Schema Modularization

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

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

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

MailXML Module Versioning Rules

The following versioning rules will be followed:

- The MailXML wrapper schema^{**}.xsd) will always be given the next higher version number (or Errata designation) when any update is made to base, defs or any module. The name of the .xsd file will indicate the new version and the new version number will be used in the namespace and target declarations:
xmlns:mailxml="http://Idealliance.org/Specs/mailxml21.0/mailxml"
targetNamespace="http://Idealliance.org/Specs/mailxml21.0/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 21.0 XSD Modules:

The following MailXML XSD modules/namespaces are used:

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

The Mail.XML™ 21 Messaging Documentation Set

The Mail.XML Messaging Specification has been organized into a set of documents. This *Schemas Specification* is one document in a set of documents that make up the Mail.XML Specification 16.0. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- *Mail.XML™ 21.0: Transportation Messaging Specification* documents all transportation messages
- *Mail.XML™ 21.0: Mailing Messaging Specification* documents all mailing messages
- *Mail.XML™ 21.0: Informed Visibility Specification* documents all informed visibility messages
- *Mail.XML™ 21.0: Data Distribution Messaging Specification* documents all data distribution messages

- *Mail.XML™ 21.0: Identification Messaging Specification* documents all identification messages
- *Mail.XML™ 21.0: Supply Chain Messaging Specification* documents all supply chain messages
- *Mail.XML™ 21.0: System Messaging Specification* documents all systems and fault messages
- *Mail.XML™ 21.0: Simple Types Specification* documents all simple types used across MailXML messages
- *Mail.XML™ 21.0: Common Definitions Specification* documents all shared elements and complex types.
- *Mail.XML™ 21.0: Schemas* contains the .XSDs that make up the MailXML Messaging Specification

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1 Index

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

Complex types

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

Simple types

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

2 Elements and Types

element **ContainerVisibilityDelivery**

diagram						
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						
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						
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						
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element **ContainerVisibilityEntry**

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

element **ContainerVisibilityEntry/MaildatJobID**

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

element **ContainerVisibilityEntry/ContainerGroupID**

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

element **ContainerVisibilityEntry/MailingGroupID**

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

element **ContainerVisibilityEntry/ConsigneeApptID**

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

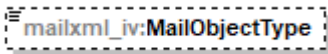
element **ContainerVisibilityEntry/CSAID**

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

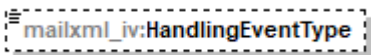
element **ContainerVisibilityEntry/ContainerID**

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

element **ContainerVisibilityEntry/MailObjectType**

diagram			
facets	Kind	Value	Annotation
	enumeration	Container	
	enumeration	HandlingUnit	

element **ContainerVisibilityEntry/HandlingEventType**

diagram			
facets	Kind	Value	Annotation
	enumeration	Actual	
	enumeration	Logical	
	enumeration	AssumedActual	
	enumeration	AssumedLogical	


element **ContainerVisibilityEntry/ParentContainerID**

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

element **ContainerVisibilityEntry/SiblingContainerID**

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

element **ContainerVisibilityEntry/ContainerType**

diagram			
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	E	
	enumeration	F	
	enumeration	L	
	enumeration	O	
	enumeration	P	
	enumeration	S	
	enumeration	T	
	enumeration	V	
	enumeration	B	
	enumeration	U	
	enumeration	Z	
	enumeration	X	
	enumeration	H	
	enumeration	A	
	enumeration	G	
	enumeration	D	
	enumeration	R	
	enumeration	C	
	enumeration	CT	
	enumeration	M	
	enumeration	AB	
	enumeration	Y	

element **ContainerVisibilityEntry/ScanEvent**

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

element **ContainerVisibilityEntry/IMtb**

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

element **ContainerVisibilityEntry/IMpb**

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

element **ContainerVisibilityEntry/FullServiceComplianceIndicator**

diagram			
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

element **ContainerVisibilityEntry/FullServiceNonComplianceReasonCode**


diagram			
facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	B	
	enumeration	D	
	enumeration	E	

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

element **ContainerVisibilityEntry/FSNonFSAvailabilityDate**

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

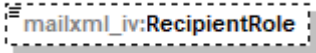
element **ContainerVisibilityEntry/FullServiceIndicator**

diagram			
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

element **ContainerVisibilityEntry/ScanEventCode**

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

element **ContainerVisibilityEntry/RecipientRole**

diagram			
facets	Kind	Value	Annotation
	enumeration	Mail Owner	
	enumeration	Mail Owner Delegate	
	enumeration	Mail Preparer	
	enumeration	Mail Preparer Delegate	
	enumeration	MID Owner of MID on Container	
	enumeration	MID Owner of MID on Container Delegate	
	enumeration	MID Owner of MID on Tray	
	enumeration	MID Owner of MID on Tray Delegate	
	enumeration	MID Owner of MID on Piece	
	enumeration	MID Owner of MID on Piece Delegate	
	enumeration	eDoc Submitter	
	enumeration	eDoc Submitter Delegate	
	enumeration	FAST Scheduler	
	enumeration	FAST Scheduler Delegate	

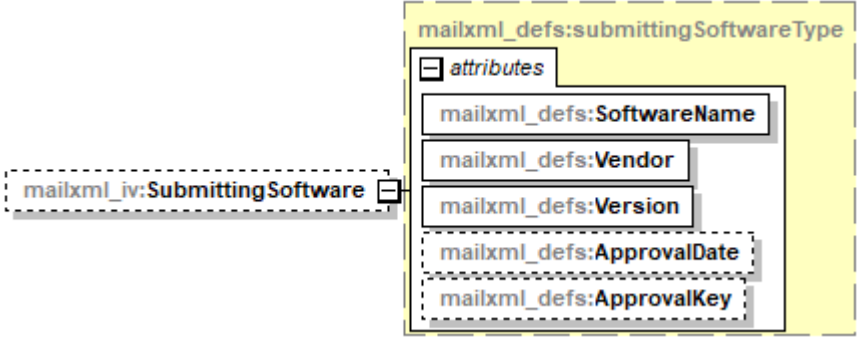
element **ContainerVisibilityNotification**

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

element **ContainerVisibilityNotification/SubmittingSoftware**

diagram						
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				

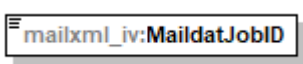
element **ContainerVisibilityNotification/PushMessageID**

diagram	
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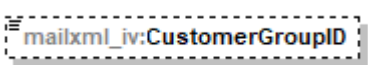
element **ContainerVisibilityNotification/UserLicenseCode**

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

element **ContainerVisibilityNotification/MaildatJobID**

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

element **ContainerVisibilityNotification/CustomerGroupID**

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


element **ContainerVisibilityNotification/MailingGroupID**

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


element **ContainerVisibilityNotification/FSNonFSAvailabilityDate**

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


element **ContainerVisibilityNotification/AvailableRecordCount**

diagram	 A diagram showing a rectangular box with a small icon of three horizontal lines in the top-left corner. Inside the box, the text "mailxml_iv:AvailableRecordCount" is written in a monospace font.
---------	--

element **ContainerVisibilityNotification/CountType**

diagram			
facets	Kind	Value	Annotation
	enumeration	IMcb	
	enumeration	IMtb	
	enumeration	IMpb	

element **ContainerVisibilityNotification/NotificationDate**

diagram	 A diagram showing a rectangular box with a small icon of three horizontal lines in the top-left corner. Inside the box, the text "mailxml_iv:NotificationDate" is written in a monospace font.
---------	--

element **ContainerVisibilityQueryRequest**

diagram	
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 visisbility information.

element **ContainerVisibilityQueryRequest/SubmittingParty**

diagram						
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						
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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element **ContainerVisibilityQueryRequest/UserLicenseCode**

diagram	
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element **ContainerVisibilityQueryRequest/MaildatJobID**

diagram	
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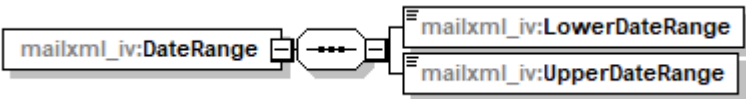
element **ContainerVisibilityQueryRequest/CustomerGroupID**

diagram	
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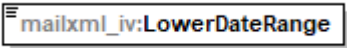
element **ContainerVisibilityQueryRequest/MailingGroupID**

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

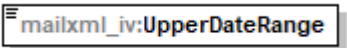
element **ContainerVisibilityQueryRequest/DateRange**

diagram	
children	mailxml_iv:LowerDateRange mailxml_iv:UpperDateRange

element **ContainerVisibilityQueryRequest/DateRange/LowerDateRange**

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

element **ContainerVisibilityQueryRequest/DateRange/UpperDateRange**

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

element **ContainerVisibilityQueryRequest/ConsigneeApptID**

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

element **ContainerVisibilityQueryRequest/CSAID**

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

element **ContainerVisibilityQueryRequest/IMcb**

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

element **ContainerVisibilityQueryRequest/IMtb**

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

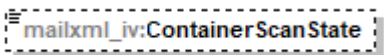
element **ContainerVisibilityQueryRequest/IMpb**

diagram	
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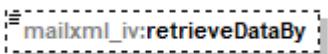
element **ContainerVisibilityQueryRequest/USPSFacilityLocaleKey**

diagram	
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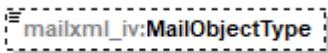
element **ContainerVisibilityQueryRequest/ContainerScanState**

diagram			
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	

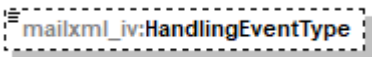
element **ContainerVisibilityQueryRequest/retrieveDataBy**

diagram			
facets	Kind	Value	Annotation
	enumeration	FS	
	enumeration	NFS	
	enumeration	Both	

element **ContainerVisibilityQueryRequest/MailObjectType**

diagram			
facets	Kind	Value	Annotation
	enumeration	Container	
	enumeration	HandlingUnit	


element **ContainerVisibilityQueryRequest/HandlingEventType**

diagram			
facets	Kind	Value	Annotation
	enumeration	Actual	
	enumeration	Logical	
	enumeration	AssumedActual	
	enumeration	AssumedLogical	

element **ContainerVisibilityQueryRequest/ScanEventCode**

diagram			
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element **ContainerVisibilityQueryRequest/RecipientRole**

diagram			
facets	Kind	Value	Annotation
	enumeration	Mail Owner	
	enumeration	Mail Owner Delegate	
	enumeration	Mail Preparer	
	enumeration	Mail Preparer Delegate	
	enumeration	MID Owner of MID on Container	
	enumeration	MID Owner of MID on Container Delegate	
	enumeration	MID Owner of MID on Tray	
	enumeration	MID Owner of MID on Tray Delegate	
	enumeration	MID Owner of MID on Piece	
	enumeration	MID Owner of MID on Piece Delegate	
	enumeration	eDoc Submitter	
	enumeration	eDoc Submitter Delegate	
	enumeration	FAST Scheduler	
	enumeration	FAST Scheduler Delegate	

element **ContainerVisibilityQueryResponse**

diagram						
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	
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element **ContainerVisibilityQueryResponse/SubmitterTrackingID**

diagram	
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element **ContainerVisibilityQueryResponse/QueryResults**

diagram	
children	mailxml_defs:LargeTransactionDividerResult mailxml_iv:ContainerVisibilityEntry mailxml_iv:ReturnInfo

element **ContainerVisibilityQueryResponse/QueryResults/ReturnInfo**

diagram	
children	mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock

element **IMbMailpieceScanData**

diagram	
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	
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element **IMbMailpieceScanData/MaildatJobID**

diagram	
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element **IMbMailpieceScanData/CustomerGroupID**

diagram	 The diagram shows a single rectangular box representing the element <code>mailxml_iv:CustomerGroupID</code> . The box has a dashed border and a small icon in the top-left corner.
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element **IMbMailpieceScanData/MailingGroupID**

diagram	 The diagram shows a single rectangular box representing the element <code>mailxml_iv:MailingGroupID</code> . The box has a dashed border and a small icon in the top-left corner.
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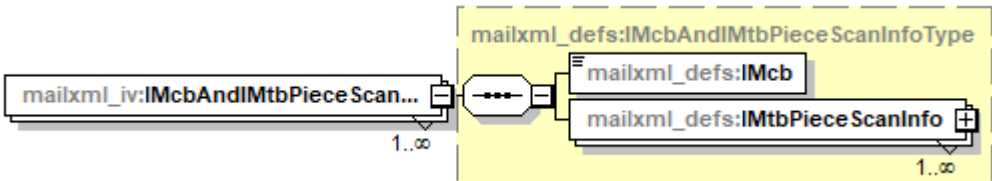
element **IMbMailpieceScanData/MailBundleCount**

diagram	 The diagram shows a single rectangular box representing the element <code>mailxml_iv:MailBundleCount</code> . The box has a solid border and a small icon in the top-left corner.
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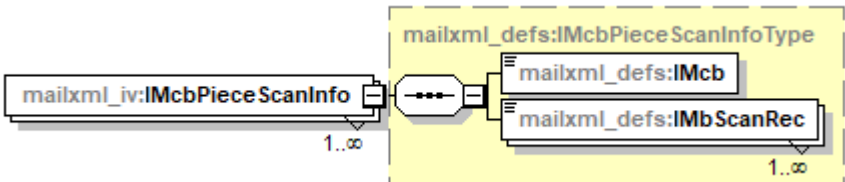
element **IMbMailpieceScanData/MPSCount**

diagram	 The diagram shows a single rectangular box representing the element <code>mailxml_iv:MPSCount</code> . The box has a solid border and a small icon in the top-left corner.
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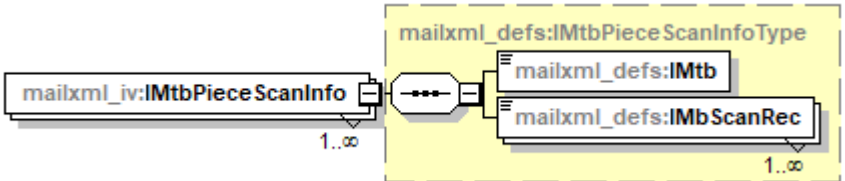
element **IMbMailpieceScanData/IMcbAndIMtbPieceScanInfo**

diagram	 The diagram shows a sequence of elements. On the left is a box for <code>mailxml_iv:IMcbAndIMtbPiece Scan...</code> with a multiplicity of <code>1..∞</code> . This is followed by a connector box (a circle with three dots). To the right is a dashed yellow box labeled <code>mailxml_defs:IMcbAndIMtbPiece ScanInfoType</code> . Inside this box are two stacked boxes: <code>mailxml_defs:IMcb</code> and <code>mailxml_defs:IMtbPiece ScanInfo</code> . The <code>IMtbPiece ScanInfo</code> box has a multiplicity of <code>1..∞</code> .
children	<code>mailxml_defs:IMcb</code> <code>mailxml_defs:IMtbPieceScanInfo</code>

element **IMbMailpieceScanData/IMcbPieceScanInfo**

diagram	 The diagram shows a sequence of elements. On the left is a box for <code>mailxml_iv:IMcbPiece ScanInfo</code> with a multiplicity of <code>1..∞</code> . This is followed by a connector box (a circle with three dots). To the right is a dashed yellow box labeled <code>mailxml_defs:IMcbPiece ScanInfoType</code> . Inside this box are two stacked boxes: <code>mailxml_defs:IMcb</code> and <code>mailxml_defs:IMb ScanRec</code> . The <code>IMb ScanRec</code> box has a multiplicity of <code>1..∞</code> .
children	<code>mailxml_defs:IMcb</code> <code>mailxml_defs:IMbScanRec</code>

element **IMbMailpieceScanData/IMtbPieceScanInfo**

diagram	 The diagram shows a sequence of elements. On the left is a box for <code>mailxml_iv:IMtbPiece ScanInfo</code> with a multiplicity of <code>1..∞</code> . This is followed by a connector box (a circle with three dots). To the right is a dashed yellow box labeled <code>mailxml_defs:IMtbPiece ScanInfoType</code> . Inside this box are two stacked boxes: <code>mailxml_defs:IMtb</code> and <code>mailxml_defs:IMb ScanRec</code> . The <code>IMb ScanRec</code> box has a multiplicity of <code>1..∞</code> .
children	<code>mailxml_defs:IMtb</code> <code>mailxml_defs:IMbScanRec</code>

element **IMbMailpieceScanData/IMbScanRec**

diagram	
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element **MPSVisDelivery**

diagram						
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						
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				

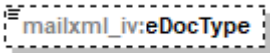
element **MPSVisDelivery/SubmittingSoftware**

diagram						
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				

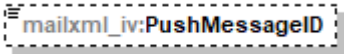
element **MPSVisDelivery/AssumedScans**

diagram						
facets	Kind	Value	Annotation			
	enumeration	Yes				
	enumeration	No				

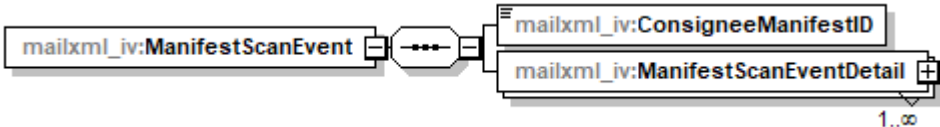
element **MPSVisDelivery/eDocType**

diagram			
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			
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element **MPSVisDelivery/ManifestScanEvent**

diagram			
children	mailxml_iv:ConsigneeManifestID mailxml_iv:ManifestScanEventDetail		

element **MPSVisDelivery/ManifestScanEvent/ConsigneeManifestID**

diagram			
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element **MPSVisDelivery/ManifestScanEvent/ManifestScanEventDetail**

diagram	<pre> classDiagram class ManifestScanEventDetail { "1..∞" ManifestScanEventDetailType } class ManifestScanEventDetailType { USPSEventExtractFileVer... IMpb ElectronicFileNumber MailerID MailerName DestinationZipCode DestinationZipPlusFour ScanningFacilityZip ScanningFacilityName EventCode EventName EventDate EventTime MailerOwnerID CustomerReferenceID DestinationCountryCode RecipientName OriginalLabel UnitofMeasureCode Weight GuaranteedDeliveryDate GuaranteedDeliveryTime LogisticsManagerMaile... } ManifestScanEventDetail "1..∞" --> ManifestScanEventDetailType </pre>
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 **MPSVisDelivery/UnManifestedScanEventDetail**

diagram	<p>The diagram illustrates the structure of the <code>mailxml_iv:manifestScanEventDetailType</code> element. It is a container for various child elements. A dashed box groups elements that are optional (indicated by dashed borders). A solid box groups elements that are required (indicated by solid borders). A dashed box groups elements that are optional and have a cardinality of 1..∞ (indicated by a dashed border and a '1..∞' label).</p> <p>Elements shown in the diagram:</p> <ul style="list-style-type: none"> <code>mailxml_iv:USPSEventExtractFileVer...</code> (Required) <code>mailxml_iv:IMpb</code> (Required) <code>mailxml_iv:ElectronicFileNumber</code> (Required) <code>mailxml_iv:MailerID</code> (Optional, 1..∞) <code>mailxml_iv:MailerName</code> (Required) <code>mailxml_iv:DestinationZipCode</code> (Optional) <code>mailxml_iv:DestinationZipPlusFour</code> (Optional) <code>mailxml_iv:ScanningFacilityZip</code> (Optional) <code>mailxml_iv:ScanningFacilityName</code> (Required) <code>mailxml_iv:EventCode</code> (Required) <code>mailxml_iv:EventName</code> (Required) <code>mailxml_iv:EventDate</code> (Required) <code>mailxml_iv:EventTime</code> (Required) <code>mailxml_iv:MailerOwnerID</code> (Optional) <code>mailxml_iv:CustomerReferenceID</code> (Optional) <code>mailxml_iv:DestinationCountryCode</code> (Optional) <code>mailxml_iv:RecipientName</code> (Optional) <code>mailxml_iv:OriginalLabel</code> (Optional) <code>mailxml_iv:UnitofMeasureCode</code> (Optional) <code>mailxml_iv:Weight</code> (Optional) <code>mailxml_iv:GuaranteedDeliveryDate</code> (Optional) <code>mailxml_iv:GuaranteedDeliveryTime</code> (Optional) <code>mailxml_iv:LogisticsManagerMaile...</code> (Optional)
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

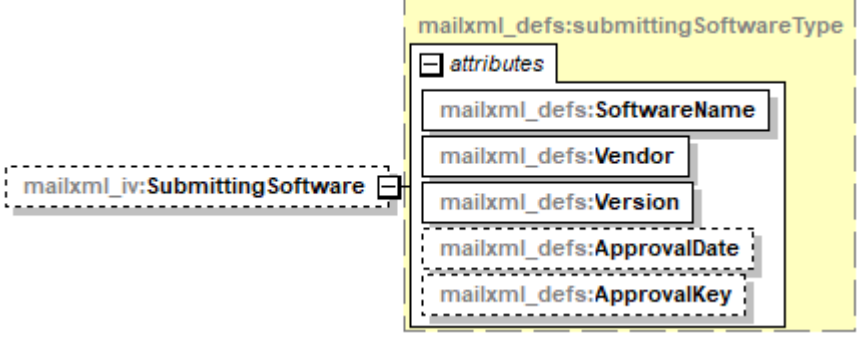
element **MPSVisNotification**

diagram	
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.

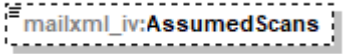
element **MPSVisNotification/SubmittingParty**

diagram						
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				

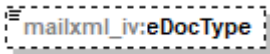
element **MPSVisNotification/SubmittingSoftware**

diagram						
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						
facets	Kind	Value	Annotation			
	enumeration	Yes				
	enumeration	No				


element **MPSVisNotification/eDocType**

diagram						
facets	Kind	Value	Annotation			
	enumeration	101				
	enumeration	102				
	enumeration	103				
	enumeration	104				
	enumeration	105				
	enumeration	106				
	enumeration	107				
	enumeration	108				
	enumeration	109				
	enumeration	110				

element **MPSVisNotification/PushMessageID**

diagram						
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element **MPSVisNotification/UserLicenseCode**

diagram	 A diagram showing a rectangular box with a dashed border and a small icon in the top-left corner. The text inside the box is "mailxml_iv:UserLicenseCode".
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element **MPSVisNotification/MaildatJobID**

diagram	 A diagram showing a rectangular box with a dashed border and a small icon in the top-left corner. The text inside the box is "mailxml_iv:MaildatJobID".
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element **MPSVisNotification/CustomerGroupID**

diagram	 A diagram showing a rectangular box with a dashed border and a small icon in the top-left corner. The text inside the box is "mailxml_iv:CustomerGroupID".
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element **MPSVisNotification/MailingGroupID**

diagram	 A diagram showing a rectangular box with a dashed border and a small icon in the top-left corner. The text inside the box is "mailxml_iv:MailingGroupID".
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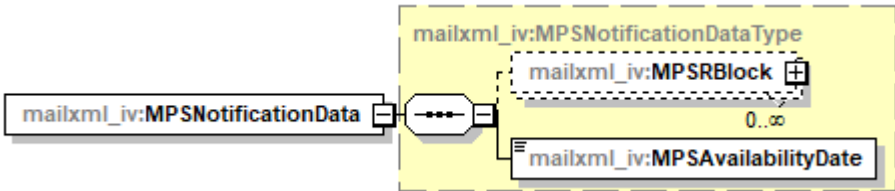
element **MPSVisNotification/AvailableRecordCount**

diagram	 A diagram showing a rectangular box with a solid border and a small icon in the top-left corner. The text inside the box is "mailxml_iv:AvailableRecordCount".
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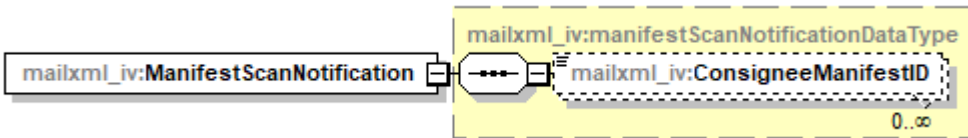
element **MPSVisNotification/NotificationDate**

diagram	 A diagram showing a rectangular box with a solid border and a small icon in the top-left corner. The text inside the box is "mailxml_iv:NotificationDate".
---------	--

element **MPSVisNotification/MPSNotificationData**

diagram	 A diagram showing a rectangular box with a solid border and a small icon in the top-left corner. The text inside the box is "mailxml_iv:MPSNotificationData". To the right of this box is a yellow-shaded area containing a dashed box labeled "mailxml_iv:MPSNotificationDataType". Inside this dashed box is a dashed box labeled "mailxml_iv:MPSRBlock" with a plus sign icon and a multiplicity of "0..∞", and a solid box labeled "mailxml_iv:MPSAvailabilityDate".
children	mailxml_iv:MPSRBlock mailxml_iv:MPSAvailabilityDate

element **MPSVisNotification/ManifestScanNotification**

diagram	 A diagram showing a rectangular box with a solid border and a small icon in the top-left corner. The text inside the box is "mailxml_iv:ManifestScanNotification". To the right of this box is a yellow-shaded area containing a dashed box labeled "mailxml_iv:manifestScanNotificationDataType". Inside this dashed box is a dashed box labeled "mailxml_iv:ConsigneeManifestID" with a multiplicity of "0..∞".
children	mailxml_iv:ConsigneeManifestID

element **MPSVisQueryRequest**

diagram	
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:SubmitterTrackingID mailxml_iv:ManifestScanQuery mailxml_iv:MPSVisScanQueryType mailxml_iv:RetrieveDataBy

element **MPSVisQueryRequest/SubmittingParty**

diagram						
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	
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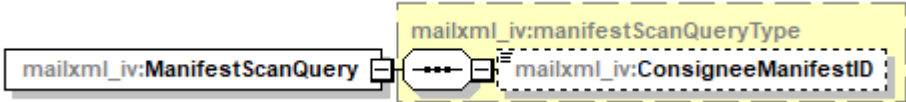
MailXML Version 21.0 Informed Visibility Specification

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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element **MPSVisQueryRequest/ManifestScanQuery**

diagram	
children	mailxml_iv:ConsigneeManifestID

element **MPSVisQueryRequest/MPSVisScanQueryType**

diagram	
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:ResultOptions mailxml_iv:RangeLowerDate mailxml_iv:RangeUpperDate mailxml_iv:MID6OnThePiece mailxml_iv:MID9OnThePiece mailxml_iv:FacilityLocaleKey mailxml_iv:EventType mailxml_iv:BundleScanType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:BundleID mailxml_iv:FieldIncludedScanRecFlag

element **MPSVisQueryRequest/RetrieveDataBy**

diagram			
facets	Kind	Value	Annotation
	enumeration	FS	
	enumeration	NFS	
	enumeration	Both	

element **MPSVisQueryResponse**

diagram						
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		

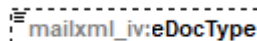
element **MPSVisQueryResponse/TrackingID**

diagram	
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element **MPSVisQueryResponse/SubmitterTrackingID**

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

element **MPSVisQueryResponse/eDocType**

diagram			
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	
children	mailxml_defs:LargeTransactionDividerResult mailxml_iv:ReturnInfo mailxml_iv:IMbMailpieceScanData mailxml_iv:ManifestScanEvent mailxml_iv:UnManifestedScanEventDetail

element MPSVisQueryResponse/QueryResults/ReturnInfo

diagram	
children	mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock

element MPSVisQueryResponse/QueryResults/ManifestScanEvent

diagram	
children	mailxml_iv:ConsigneeManifestID mailxml_iv:ManifestScanEventDetail

element MPSVisQueryResponse/QueryResults/ManifestScanEvent/ConsigneeManifestID

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

diagram



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 **MPSVisQueryResponse/QueryResults/UnManifestedScanEventDetail**

diagram	
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	
children	mailxml_iv:StartTheClockBMEU
used by	complexType clockStartedType

element **StartTheClockBMEUBlock/StartTheClockBMEU**

diagram	
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	
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element **StartTheClockBMEUBlock/StartTheClockBMEU/MaildatJobID**

diagram	
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element **StartTheClockBMEUBlock/StartTheClockBMEU/CustomerGroupID**

diagram	
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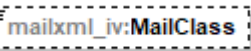
element **StartTheClockBMEUBlock/StartTheClockBMEU/MailingGroupID**

diagram	
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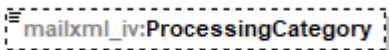
element **StartTheClockBMEUBlock/StartTheClockBMEU/PublicationNumber**

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

element **StartTheClockBMEUBlock/StartTheClockBMEU/MailClass**

diagram			
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	

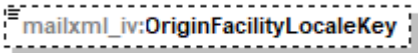
element **StartTheClockBMEUBlock/StartTheClockBMEU/ProcessingCategory**

diagram			
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	
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element **StartTheClockBMEUBlock/StartTheClockBMEU/OriginFacilityLocaleKey**

diagram	
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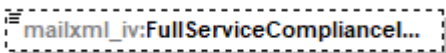
element **StartTheClockBMEUBlock/StartTheClockBMEU/ArrivalDateTime**

diagram	
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element **StartTheClockBMEUBlock/StartTheClockBMEU/StartTheClockDate**

diagram	
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element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceComplianceIndicator**

diagram			
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	


element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceNonComplianceReasonCode**

diagram			
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	
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element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceIndicator**

diagram			
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

element **StartTheClockBMEUBlock/StartTheClockBMEU/ContainerID**

diagram			
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element **StartTheClockBMEUBlock/StartTheClockBMEU/ContainerType**

diagram			
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

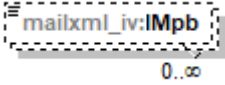
element **StartTheClockBMEUBlock/StartTheClockBMEU/IMcb**

diagram	
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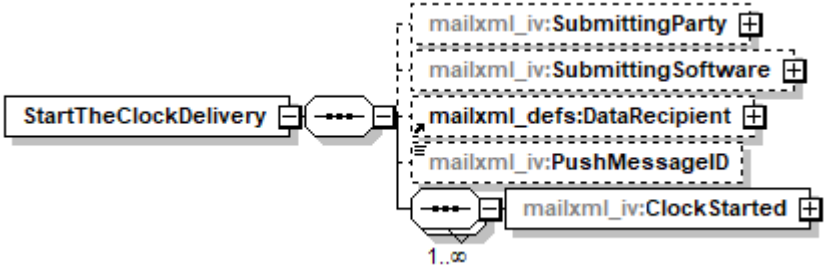
element **StartTheClockBMEUBlock/StartTheClockBMEU/IMtb**

diagram	
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element **StartTheClockBMEUBlock/StartTheClockBMEU/IMpb**

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

element **StartTheClockDelivery**

diagram	
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						
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						
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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element **StartTheClockDelivery/ClockStarted**

diagram	<pre> classDiagram class mailxml_iv_ClockStarted { mailxml_iv_StartTheClockBMEUBlock 0..∞ mailxml_iv_StartTheClockDropShip... 0..∞ mailxml_iv_StartTheClockPlantLoa... 0..∞ } class mailxml_iv_StartTheClockBMEUBlock class mailxml_iv_StartTheClockDropShip... class mailxml_iv_StartTheClockPlantLoa... mailxml_iv_ClockStarted "0..∞" -- "0..∞" mailxml_iv_StartTheClockBMEUBlock mailxml_iv_ClockStarted "0..∞" -- "0..∞" mailxml_iv_StartTheClockDropShip... mailxml_iv_ClockStarted "0..∞" -- "0..∞" mailxml_iv_StartTheClockPlantLoa... </pre>
children	mailxml_iv:StartTheClockBMEUBlock mailxml_iv:StartTheClockDropShipOrOriginBlock mailxml_iv:StartTheClockPlantLoadBlock

element **StartTheClockDropShipOrOrigin**

diagram



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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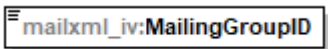
element **StartTheClockDropShipOrOrigin/MaildatJobID**

diagram	
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element **StartTheClockDropShipOrOrigin/CustomerGroupID**

diagram	
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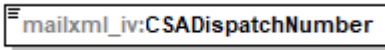
element **StartTheClockDropShipOrOrigin/MailingGroupID**

diagram	
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element **StartTheClockDropShipOrOrigin/ConsigneeApptID**

diagram	
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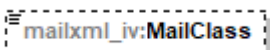
element **StartTheClockDropShipOrOrigin/CSADispatchNumber**

diagram	
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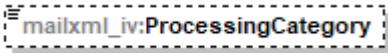
element **StartTheClockDropShipOrOrigin/PublicationNumber**

diagram	
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element **StartTheClockDropShipOrOrigin/MailClass**

diagram			
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	

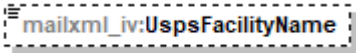
element **StartTheClockDropShipOrOrigin/ProcessingCategory**

diagram			
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	

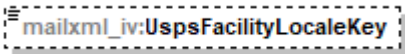
element **StartTheClockDropShipOrOrigin/DropShipYesNo**

diagram			
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

element **StartTheClockDropShipOrOrigin/UspsFacilityName**

diagram			
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element **StartTheClockDropShipOrOrigin/UspsFacilityLocaleKey**

diagram			
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element **StartTheClockDropShipOrOrigin/City**

diagram			
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element **StartTheClockDropShipOrOrigin/State**

diagram			
facets	Kind	Value	Annotation
	enumeration	AA	
	enumeration	AE	
	enumeration	AP	
	enumeration	AL	
	enumeration	AK	
	enumeration	AS	

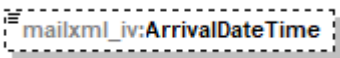
	enumeration	AZ
	enumeration	AR
	enumeration	CA
	enumeration	CO
	enumeration	CT
	enumeration	DE
	enumeration	DC
	enumeration	FM
	enumeration	FL
	enumeration	GA
	enumeration	GU
	enumeration	HI
	enumeration	IL
	enumeration	IN
	enumeration	IA
	enumeration	ID
	enumeration	KS
	enumeration	KY
	enumeration	LA
	enumeration	MH
	enumeration	MD
	enumeration	MA
	enumeration	ME
	enumeration	MO
	enumeration	MI
	enumeration	MN
	enumeration	MS
	enumeration	MT
	enumeration	NE
	enumeration	NH
	enumeration	NV
	enumeration	NJ
	enumeration	NM
	enumeration	NY
	enumeration	NC
	enumeration	ND
	enumeration	MP
	enumeration	OH
	enumeration	OR
	enumeration	OK
	enumeration	PW
	enumeration	PA
	enumeration	PR
	enumeration	RI
	enumeration	SC
	enumeration	SD

	enumeration	TN
	enumeration	TX
	enumeration	UT
	enumeration	VT
	enumeration	VI
	enumeration	VA
	enumeration	WA
	enumeration	WV
	enumeration	WI
	enumeration	WY

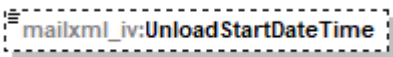
element **StartTheClockDropShipOrOrigin/ApptDateTime**

diagram	 The diagram shows a dashed rectangular box containing the text "mailxml_iv:ApptDateTime". To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.
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element **StartTheClockDropShipOrOrigin/ArrivalDateTime**

diagram	 The diagram shows a dashed rectangular box containing the text "mailxml_iv:ArrivalDateTime". To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.
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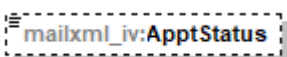
element **StartTheClockDropShipOrOrigin/UnloadStartDateTime**

diagram	 The diagram shows a dashed rectangular box containing the text "mailxml_iv:UnloadStartDateTime". To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.
---------	---

element **StartTheClockDropShipOrOrigin/UnloadEndDateTime**

diagram	 The diagram shows a dashed rectangular box containing the text "mailxml_iv:UnloadEndDateTime". To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.
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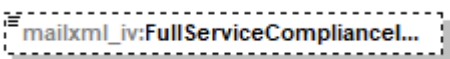
element **StartTheClockDropShipOrOrigin/ApptStatus**

diagram			
facets	Kind	Value	Annotation
	enumeration	Open	
	enumeration	Closed	
	enumeration	No Show	
	enumeration	Unscheduled	
	enumeration	Rejected	

element **StartTheClockDropShipOrOrigin/StartTheClockDate**

diagram	 The diagram shows a dashed rectangular box containing the text "mailxml_iv:StartTheClockDate". To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.
---------	--

element **StartTheClockDropShipOrOrigin/FullServiceComplianceIndicator**

diagram	 The diagram shows a dashed rectangular box containing the text "mailxml_iv:FullServiceComplianceIndicator". To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a list or menu icon.
---------	---

facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

element StartTheClockDropShipOrOrigin/FullServiceNonComplianceReasonCode

diagram			
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			
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element StartTheClockDropShipOrOrigin/FullServiceIndicator

diagram			
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

element StartTheClockDropShipOrOrigin/ContainerID

diagram			
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element StartTheClockDropShipOrOrigin/ContainerType

diagram			
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	
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element **StartTheClockDropShipOrOrigin/IMtb**

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

element **StartTheClockDropShipOrOrigin/IMpb**

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

element **StartTheClockNotification**

diagram	
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:FSNonFSAvailabilityDate mailxml_iv:NotificationDate
annotation	documentation Notification from USPS that start the clock information is ready to be picked up.

element **StartTheClockNotification/SubmittingParty**

diagram						
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
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element **StartTheClockNotification/SubmittingSoftware**

diagram						
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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element **StartTheClockNotification/UserLicenseCode**

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

element **StartTheClockNotification/MaildatJobID**

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

element **StartTheClockNotification/CustomerGroupID**

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

element **StartTheClockNotification/MailingGroupID**

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

element **StartTheClockNotification/FSNonFSAvailabilityDate**

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

element **StartTheClockNotification/NotificationDate**

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

element **StartTheClockPlantLoadBlock**

diagram	
children	mailxml_iv:StartTheClockPlantLoad
used by	complexType clockStartedType

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad**

diagram	
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID

	mailxml iv:PublicationNumber mailxml iv:CSADispatchNumber mailxml iv:MailClass mailxml iv:ProcessingCategory mailxml iv:OriginFacilityName mailxml iv:OriginFacilityLocaleKey mailxml iv:MailReleasedDateTime mailxml iv:StartTheClockDate mailxml iv:FullServiceComplianceIndicator mailxml iv:FullServiceNonComplianceReasonCode mailxml iv:FSNonFSAvailabilityDate mailxml iv:FullServiceIndicator mailxml iv:ContainerID mailxml iv:ContainerType mailxml iv:IMcb mailxml iv:IMtb mailxml iv:IMpb
--	---

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/UserLicenseCode**

diagram	
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element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MaildatJobID**

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

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/CustomerGroupID**

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

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailingGroupID**

diagram	
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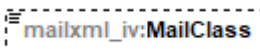
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/PublicationNumber**

diagram	
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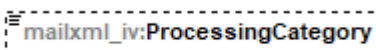
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/CSADispatchNumber**

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

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailClass**

diagram			
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ProcessingCategory**


diagram			
facets	Kind enumeration	Value LT	Annotation

	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	
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element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/OriginFacilityLocaleKey**

diagram	
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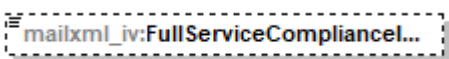
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailReleasedDateTime**

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

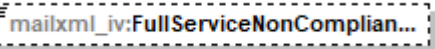
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/StartTheClockDate**

diagram	
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element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceComplianceIndicator**

diagram			
facets	Kind enumeration	Value Yes	Annotation
	enumeration	No	

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceNonComplianceReasonCode**


diagram			
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	
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element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceIndicator**

diagram			
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ContainerID**

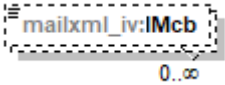
diagram	
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element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ContainerType**

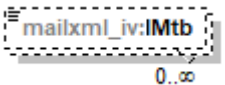
diagram			
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	

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

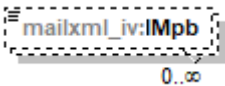
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMcb**

diagram	 <pre> classDiagram class IMcb { } </pre> <p>UML diagram showing a class named <code>mailxml_iv:IMcb</code> with a multiplicity of <code>0..∞</code>.</p>
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element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMtb**

diagram	 <pre> classDiagram class IMtb { } </pre> <p>UML diagram showing a class named <code>mailxml_iv:IMtb</code> with a multiplicity of <code>0..∞</code>.</p>
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element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMpb**

diagram	 <pre> classDiagram class IMpb { } </pre> <p>UML diagram showing a class named <code>mailxml_iv:IMpb</code> with a multiplicity of <code>0..∞</code>.</p>
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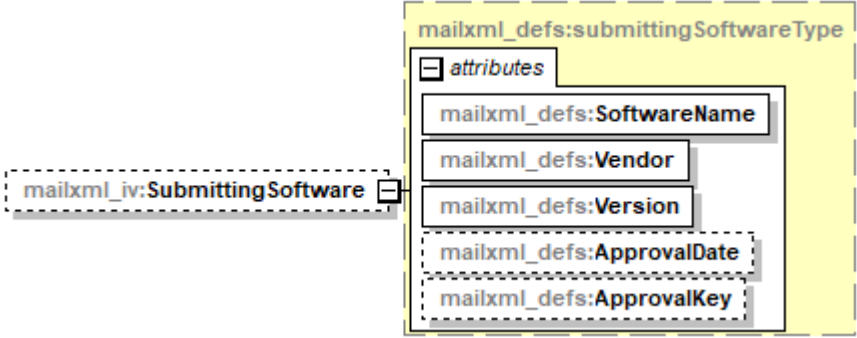
element **StartTheClockQueryRequest**

diagram	
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:MailingGroupID mailxml_iv:CustomerAccount mailxml_iv:LowerDateRange mailxml_iv:UpperDateRange mailxml_iv:retrieveDataBy
annotation	documentation Query request for start the clock information.

element **StartTheClockQueryRequest/SubmittingParty**

diagram	<pre>graph LR subgraph SubmittingParty [mailxml_iv:SubmittingParty] subgraph participantIDType [mailxml_defs:participantIDType] subgraph attributes MailerID6[mailxml_defs:MailerID6] MailerID9[mailxml_defs:MailerID9] CRID[mailxml_defs:CRID] SchedulerID[mailxml_defs:SchedulerID] MaildatUserLicense[mailxml_defs:MaildatUserLicense] ShippingAgentID[mailxml_defs:ShippingAgentID] ReceivingAgentID[mailxml_defs:ReceivingAgentID] end end end</pre>					
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						
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 **StartTheClockQueryRequest/SubmitterTrackingID**

diagram						
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element **StartTheClockQueryRequest/ConsigneeApptID**

diagram						
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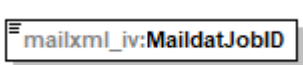
element **StartTheClockQueryRequest/CSADispatchNumber**

diagram						
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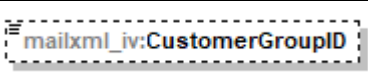
element **StartTheClockQueryRequest/UserLicenseCode**

diagram						
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element **StartTheClockQueryRequest/MaildatJobID**

diagram						
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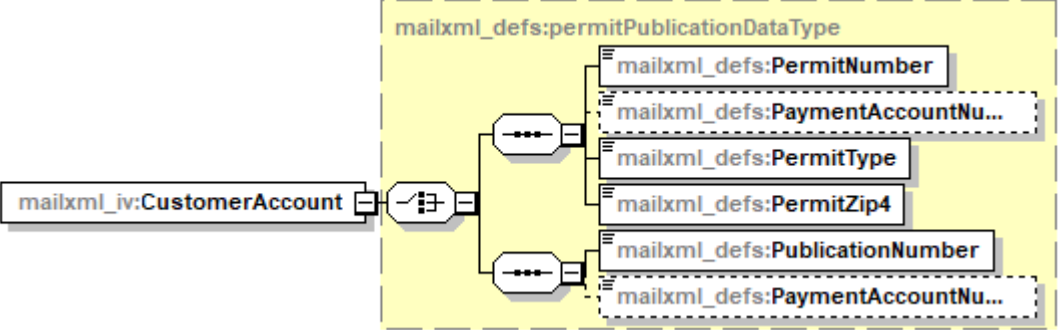
element **StartTheClockQueryRequest/CustomerGroupID**

diagram						
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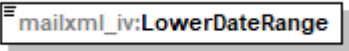
element **StartTheClockQueryRequest/MailingGroupID**

diagram	
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element **StartTheClockQueryRequest/CustomerAccount**

diagram	
children	mailxml_defs:PermitNumber mailxml_defs:PaymentAccountNumber mailxml_defs:PermitType mailxml_defs:PermitZip4 mailxml_defs:PublicationNumber mailxml_defs:PaymentAccountNumber


element **StartTheClockQueryRequest/LowerDateRange**

diagram	
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element **StartTheClockQueryRequest/UpperDateRange**

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

element **StartTheClockQueryRequest/retrieveDataBy**

diagram			
facets	Kind	Value	Annotation
	enumeration	FS	
	enumeration	NFS	
	enumeration	Both	

element **StartTheClockQueryResponse**

diagram						
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	
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element **StartTheClockQueryResponse/SubmitterTrackingID**

diagram	
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element **StartTheClockQueryResponse/QueryResults**

diagram	
children	mailxml_defs:LargeTransactionDividerResult mailxml_iv:ClockStarted mailxml_iv:ReturnInfo

element **StartTheClockQueryResponse/QueryResults/ClockStarted**

diagram	
children	mailxml_iv:StartTheClockBMEUBlock mailxml_iv:StartTheClockDropShipOrOriginBlock mailxml_iv:StartTheClockPlantLoadBlock

element **StartTheClockQueryResponse/QueryResults/ReturnInfo**

diagram	
children	mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock

complexType **clockStartedType**

diagram	
children	mailxml_iv:StartTheClockBMEUBlock mailxml_iv:StartTheClockDropShipOrOriginBlock mailxml_iv:StartTheClockPlantLoadBlock
used by	elements StartTheClockDelivery/ClockStarted StartTheClockQueryResponse/QueryResults/ClockStarted

element **clockStartedType/StartTheClockDropShipOrOriginBlock**

diagram	
children	mailxml_iv:StartTheClockDropShipOrOrigin


complexType **manifestScanEventDetailType**

diagram	
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	
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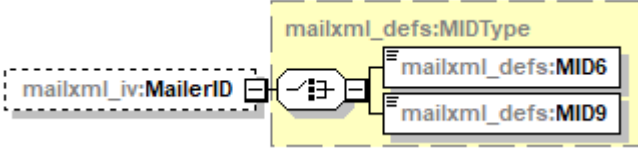
element **manifestScanEventDetailType/IMpb**

diagram	 A diagram showing a box labeled <code>mailxml_iv:IMpb</code> with a small icon of three horizontal lines to its left.
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element **manifestScanEventDetailType/ElectronicFileNumber**

diagram	 A diagram showing a box labeled <code>mailxml_iv:ElectronicFileNumber</code> with a small icon of three horizontal lines to its left.
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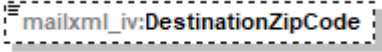
element **manifestScanEventDetailType/MailerID**

diagram	 A diagram showing a dashed box labeled <code>mailxml_iv:MailerID</code> connected by a line to a central octagonal connector. This connector is then connected to a yellow-shaded box labeled <code>mailxml_defs:MIDType</code> . Inside this yellow box are two smaller boxes: <code>mailxml_defs:MID6</code> and <code>mailxml_defs:MID9</code> .
children	<code>mailxml_defs:MID6</code> <code>mailxml_defs:MID9</code>

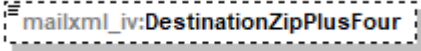
element **manifestScanEventDetailType/MailerName**

diagram	 A diagram showing a box labeled <code>mailxml_iv:MailerName</code> with a small icon of three horizontal lines to its left.
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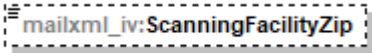
element **manifestScanEventDetailType/DestinationZipCode**

diagram	 A diagram showing a dashed box labeled <code>mailxml_iv:DestinationZipCode</code> with a small icon of three horizontal lines to its left.
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element **manifestScanEventDetailType/DestinationZipPlusFour**

diagram	 A diagram showing a dashed box labeled <code>mailxml_iv:DestinationZipPlusFour</code> with a small icon of three horizontal lines to its left.
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element **manifestScanEventDetailType/ScanningFacilityZip**

diagram	 A diagram showing a dashed box labeled <code>mailxml_iv:ScanningFacilityZip</code> with a small icon of three horizontal lines to its left.
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element **manifestScanEventDetailType/ScanningFacilityName**

diagram	 A diagram showing a box labeled <code>mailxml_iv:ScanningFacilityName</code> with a small icon of three horizontal lines to its left.
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element **manifestScanEventDetailType/EventCode**

diagram	 A diagram showing a box labeled <code>mailxml_iv:EventCode</code> with a small icon of three horizontal lines to its left.
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element **manifestScanEventDetailType/EventName**

diagram	 A diagram showing a box labeled <code>mailxml_iv:EventName</code> with a small icon of three horizontal lines to its left.
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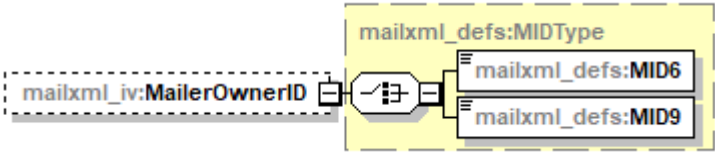
element **manifestScanEventDetailType/EventDate**

diagram	
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element **manifestScanEventDetailType/EventTime**

diagram	
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element **manifestScanEventDetailType/MailerOwnerID**

diagram	
children	mailxml_defs:MID6 mailxml_defs:MID9

element **manifestScanEventDetailType/CustomerReferenceID**

diagram	
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element **manifestScanEventDetailType/DestinationCountryCode**

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

element **manifestScanEventDetailType/RecipientName**

diagram	
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element **manifestScanEventDetailType/OriginalLabel**

diagram	
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element **manifestScanEventDetailType/UnitofMeasureCode**

diagram	
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element **manifestScanEventDetailType/Weight**

diagram	
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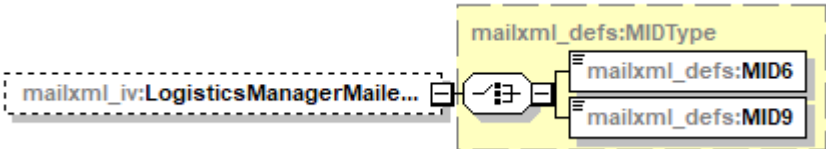
element **manifestScanEventDetailType/GuaranteedDeliveryDate**

diagram	 The diagram shows a rectangular box labeled 'manifest_iv:GuaranteedDeliveryDate' with a small icon in the top-left corner.
---------	--

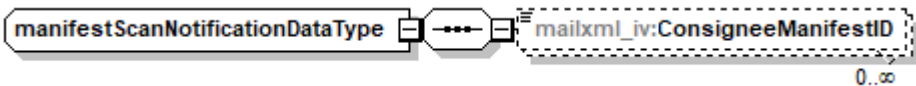
element **manifestScanEventDetailType/GuaranteedDeliveryTime**

diagram	 The diagram shows a rectangular box labeled 'manifest_iv:GuaranteedDeliveryTime' with a small icon in the top-left corner.
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element **manifestScanEventDetailType/LogisticsManagerMailerID**

diagram	 The diagram shows a dashed box labeled 'manifest_iv:LogisticsManagerMaile...' connected to a yellow box labeled 'mailxml_defs:MIDType'. Inside the yellow box are two smaller boxes labeled 'mailxml_defs:MID6' and 'mailxml_defs:MID9'.
children	mailxml_defs:MID6 mailxml_defs:MID9


complexType **manifestScanNotificationDataType**

diagram	 The diagram shows a rounded rectangle labeled 'manifestScanNotificationDataType' connected to a dashed box labeled 'manifest_iv:ConsigneeManifestID' with a multiplicity of '0..∞'.
children	mailxml_iv:ConsigneeManifestID
used by	element MPSVisNotification/ManifestScanNotification

element **manifestScanNotificationDataType/ConsigneeManifestID**

diagram	 The diagram shows a dashed box labeled 'manifest_iv:ConsigneeManifestID' with a multiplicity of '0..∞'.
---------	---

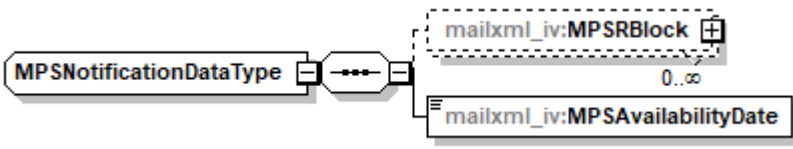
complexType **manifestScanQueryType**

diagram	 The diagram shows a rounded rectangle labeled 'manifestScanQueryType' connected to a dashed box labeled 'manifest_iv:ConsigneeManifestID' with a multiplicity of '0..∞'.
children	mailxml_iv:ConsigneeManifestID
used by	element MPSVisQueryRequest/ManifestScanQuery

element **manifestScanQueryType/ConsigneeManifestID**

diagram	 The diagram shows a dashed box labeled 'manifest_iv:ConsigneeManifestID'.
---------	---

complexType **MPSNotificationDataType**

diagram	 The diagram shows a rounded rectangle labeled 'MPSNotificationDataType' connected to a dashed box labeled 'manifest_iv:MPSRBlock' with a multiplicity of '0..∞'. Below this is another box labeled 'manifest_iv:MPSAvailabilityDate'.
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children	mailxml_iv:MPSRBlock mailxml_iv:MPSAvailabilityDate
used by	element MPSVisNotification/MPSNotificationData

element **MPSNotificationDataType/MPSRBlock**

diagram	
children	mailxml_defs:ContainerID mailxml_defs:PSRBlock

element **MPSNotificationDataType/MPSAvailabilityDate**

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

complexType **MPSRequestTypeType**


diagram	
children	mailxml_iv:ScanState mailxml_iv:MPSQueryBy

element **MPSRequestTypeType/ScanState**

diagram			
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	15	
	enumeration	16	
	enumeration	17	

	enumeration	18
	enumeration	19
	enumeration	20
	enumeration	21
	enumeration	22
	enumeration	23
	enumeration	24
	enumeration	25
	enumeration	26
	enumeration	27
	enumeration	28
	enumeration	29
	enumeration	30

element **MPSRequestType/MPSQueryBy**

diagram			
facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	S	
	enumeration	PC	
	enumeration	BC	

complexType **MPSVisScanQueryType**

diagram	
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

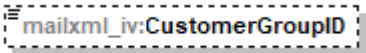
element **MPSVisScanQueryType/UserLicenseCode**

diagram	
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element **MPSVisScanQueryType/MaildatJobID**

diagram	
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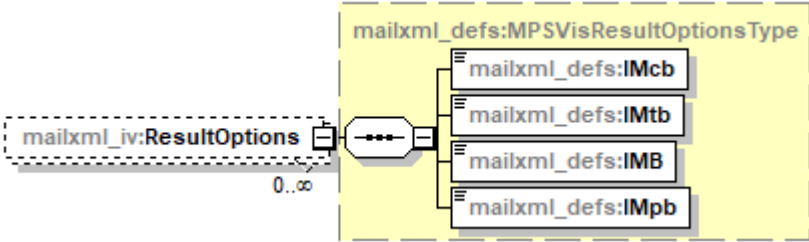
element **MPSVisScanQueryType/CustomerGroupID**

diagram	 A dashed rectangular box containing the text <code>mailxml_iv:CustomerGroupID</code> .
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element **MPSVisScanQueryType/MailingGroupID**

diagram	 A dashed rectangular box containing the text <code>mailxml_iv:MailingGroupID</code> .
---------	---

element **MPSVisScanQueryType/ResultOptions**

diagram	 A diagram showing the <code>mailxml_iv:ResultOptions</code> element (dashed box) connected to a container box labeled <code>mailxml_defs:MPSVisResultOptionsType</code> . The container box contains four sub-elements: <code>mailxml_defs:IMcb</code> , <code>mailxml_defs:IMtb</code> , <code>mailxml_defs:IMB</code> , and <code>mailxml_defs:IMpb</code> . The connection is labeled with the cardinality <code>0..∞</code> .
children	<code>mailxml_defs:IMcb</code> <code>mailxml_defs:IMtb</code> <code>mailxml_defs:IMB</code> <code>mailxml_defs:IMpb</code>

element **MPSVisScanQueryType/RangeLowerDate**

diagram	 A dashed rectangular box containing the text <code>mailxml_iv:RangeLowerDate</code> .
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element **MPSVisScanQueryType/RangeUpperDate**

diagram	 A dashed rectangular box containing the text <code>mailxml_iv:RangeUpperDate</code> .
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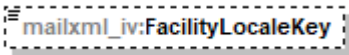
element **MPSVisScanQueryType/MID6OnThePiece**

diagram	 A dashed rectangular box containing the text <code>mailxml_iv:MID6OnThePiece</code> .
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element **MPSVisScanQueryType/MID9OnThePiece**

diagram	 A dashed rectangular box containing the text <code>mailxml_iv:MID9OnThePiece</code> .
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element **MPSVisScanQueryType/FacilityLocaleKey**

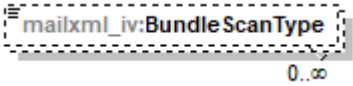
diagram	 A dashed rectangular box containing the text <code>mailxml_iv:FacilityLocaleKey</code> .
---------	--

element **MPSVisScanQueryType/EventType**

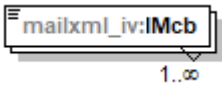
diagram	 A dashed rectangular box containing the text <code>mailxml_iv:EventType</code> with the cardinality <code>0..∞</code> below it.
facets	Kind Value Annotation

	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 **MPSVisScanQueryType/BundleScanType**

diagram			
facets	Kind	Value	Annotation
	enumeration	ActualScan	
	enumeration	AssumedScan	
	enumeration	Both	

element **MPSVisScanQueryType/IMcb**

diagram			
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element **MPSVisScanQueryType/IMtb**

diagram			
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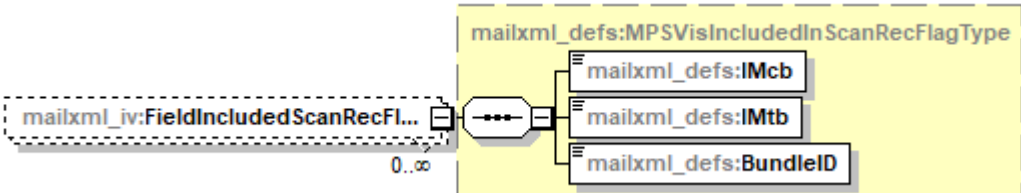
element **MPSVisScanQueryType/IMB**

diagram			
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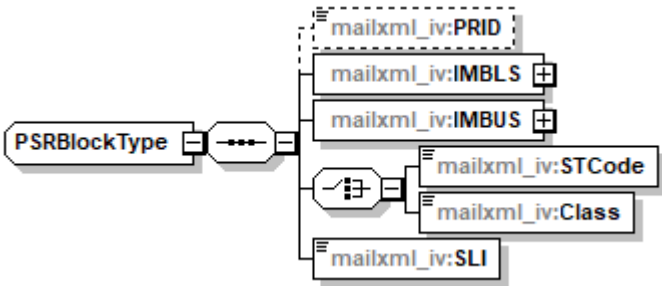
element **MPSVisScanQueryType/BundleID**

diagram	
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element **MPSVisScanQueryType/FieldIncludedScanRecFlag**

diagram	
children	mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:BundleID

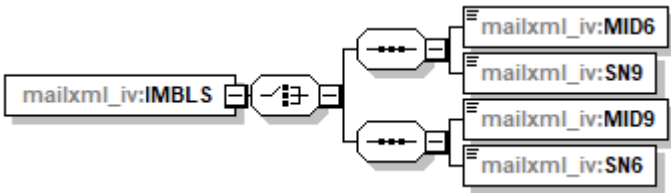
complexType **PSRBlockType**

diagram	
children	mailxml_iv:PRID mailxml_iv:IMBLS mailxml_iv:IMBUS mailxml_iv:STCode mailxml_iv:Class mailxml_iv:SLI

element **PSRBlockType/PRID**

diagram	
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element **PSRBlockType/IMBLS**

diagram	
children	mailxml_iv:MID6 mailxml_iv:SN9 mailxml_iv:MID9 mailxml_iv:SN6

element **PSRBlockType/IMBLS/MID6**

diagram	
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element **PSRBlockType/IMBLS/SN9**

diagram	
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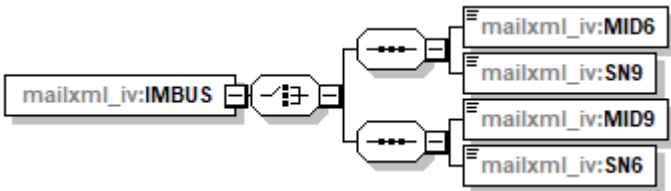
element **PSRBlockType/IMBLS/MID9**

diagram	
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element **PSRBlockType/IMBLS/SN6**

diagram	
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element **PSRBlockType/IMBUS**

diagram	
children	mailxml_iv:MID6 mailxml_iv:SN9 mailxml_iv:MID9 mailxml_iv:SN6

element **PSRBlockType/IMBUS/MID6**

diagram	
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element **PSRBlockType/IMBUS/SN9**

diagram	
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element **PSRBlockType/IMBUS/MID9**

diagram	
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element **PSRBlockType/IMBUS/SN6**

diagram	
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element **PSRBlockType/STCode**

diagram	
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element **PSRBlockType/Class**

diagram			
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	

element **PSRBlockType/SLI**

diagram			
facets	Kind	Value	Annotation
	enumeration	F	
	enumeration	B	
	enumeration	P	
	enumeration	O	

complexType **scanEventQueryType**

diagram	
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:ResultOptions mailxml_iv:RangeLowerDate mailxml_iv:RangeUpperDate mailxml_iv:MID6OnThePiece mailxml_iv:MID9OnThePiece mailxml_iv:FacilityLocaleKey mailxml_iv:EventType mailxml_iv:BundleScanType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:BundleID mailxml_iv:FieldIncludedScanRecFlag

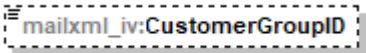
element **scanEventQueryType/UserLicenseCode**

diagram	
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element **scanEventQueryType/MaildatJobID**

diagram	
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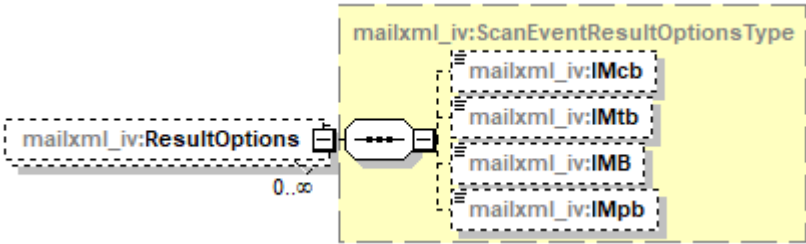
element **scanEventQueryTypeType/CustomerGroupID**

diagram	
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element **scanEventQueryTypeType/MailingGroupID**

diagram	
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element **scanEventQueryTypeType/ResultOptions**

diagram	
children	mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:IMpb

element **scanEventQueryTypeType/RangeLowerDate**

diagram	
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element **scanEventQueryTypeType/RangeUpperDate**

diagram	
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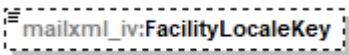
element **scanEventQueryTypeType/MID6OnThePiece**

diagram	
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element **scanEventQueryTypeType/MID9OnThePiece**

diagram	
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element **scanEventQueryTypeType/FacilityLocaleKey**

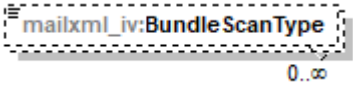
diagram	
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element **scanEventQueryTypeType/EventType**

diagram	
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

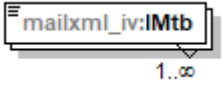
element **scanEventQueryType/BundleScanType**

diagram			
facets	Kind	Value	Annotation
	enumeration	ActualScan	
	enumeration	AssumedScan	
	enumeration	Both	

element **scanEventQueryType/IMcb**

diagram			
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element **scanEventQueryType/IMtb**

diagram			
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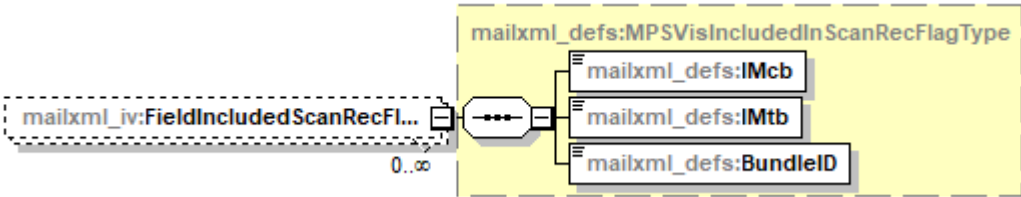
element **scanEventQueryType/IMB**

diagram			
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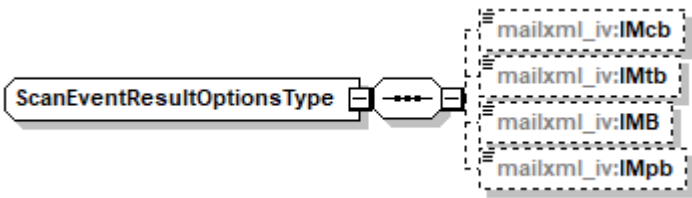
element **scanEventQueryType/BundleID**

diagram	
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element **scanEventQueryType/FieldIncludedScanRecFlag**

diagram	
children	mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:BundleID


complexType **ScanEventResultOptionsType**

diagram	
children	mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:IMpb
used by	element scanEventQueryType/ResultOptions

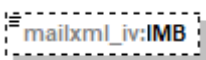
element **ScanEventResultOptionsType/IMcb**

diagram			
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	


element **ScanEventResultOptionsType/IMtb**

diagram			
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

element **ScanEventResultOptionsType/IMB**

diagram			
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

element **ScanEventResultOptionsType/IMpb**

diagram			
facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

simpleType **eDocTypeType**

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**

used by	elements ContainerVisibilityQueryRequest/HandlingEventType ContainerVisibilityEntry/HandlingEventType		
facets	Kind	Value	Annotation
	enumeration	Actual	
	enumeration	Logical	
	enumeration	AssumedActual	
	enumeration	AssumedLogical	

simpleType **mailObjectTypeType**

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

simpleType **recipientRoleType**

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**

used by	elements	ContainerVisibilityQueryRequest/ScanEventCode ContainerVisibilityEntry/ScanEventCode
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