

Mail.XML Version 26.1

System 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.

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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 26.1?

With this release, the Mail.XML Messaging Protocol moves to Version 26.1. This release supports structure changes required by mailing industry and Postal Service.

Changes supported by Mail.XML 26.1 include:

- 2613 - Proposal to add support for Marriage Mail product
- 2612 - Proposal to add support for USPS Ground Advantage product
- 2614 - Proposal to support/Clarify Destination Hub for Parcel Select Destination Entry

About Mail.XML Schema Modularization

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

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

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

Mail.XML Module Versioning Rules

The following versioning rules will be followed:

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

```
xmlns:mailxml="http://delivery-tech.org/Specs/mailxml26.1/mailxml"
targetNamespace="http://delivery-tech.org/Specs/mailxml26.1/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://deliverytech.org/Specs/mailxml26.1A/mailxml" then at least one of the XSDs is at same version such as filename='Mail.XML_26.1A.xsd' <- Errata A
- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml26.1B/mailxml" then at least one of the XSDs is at same version such as filename='Mail.XML_26.1B.xsd' <- Errata B

- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml26.1/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_26.1.xsd' <- Major Version

Mail.XML 26.1 XSD Modules

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

- Mail.XML_tm.xsd: This module contains all the transportation (or FAST) messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_tm:
- Mail.XML_mm.xsd: This module contains all the mailing messages (eDoc) and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_mm:
- Mail.XML_iv.xsd: This module contains informed visibility messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_iv:
- Mail.XML_dd.xsd: This module contains all the data distribution messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_dd:
- Mail.XML_id.xsd: This module contains all the identification messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_id:
- Mail.XML_sc.xsd: This module contains all the supply chain messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_sc:
- Mail.XML_defs.xsd: This module contains all the common definitions of attributes, elements and complex types that are used across two or more message types. Namespace=Mail.XML_defs:
- Mail.XML_base.xsd: This module contains simple types that are shared across two or more modules that make up Mail.XML. These can be considered a building block for any message group. Namespace=Mail.XML_base:
- Mail.XML.xsd: This module contains the system messages of Mail.XML and is used to build custom profiles for Mail.XML. Namespace=Mail.XML:

The Mail.XML™ 26.1 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 26.1. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- Mail.XML™ 26.1: Transportation Messaging Specification documents all transportation messages
- Mail.XML™ 26.1: Mailing Messaging Specification documents all mailing messages
- Mail.XML™ 26.1: Informed Visibility Specification documents all informed visibility messages
- Mail.XML™ 26.1: Data Distribution Messaging Specification documents all data distribution messages
- Mail.XML™ 26.1: Identification Messaging Specification documents all identification messages
- Mail.XML™ 26.1: Supply Chain Messaging Specification documents all supply chain messages
- Mail.XML™ 26.1: System Messaging Specification documents all systems and fault messages
- Mail.XML™ 26.1: Simple Types Specification documents all simple types used across Mail.XML messages

- Mail.XML™ 26.1: Common Definitions Specification documents all shared elements and complex types.
- Mail.XML™ 26.1: Schemas contains the .XSDs that make up the Mail.XML Messaging Specification

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Schema mailxml_tm_26.1.xsd

schema location: [..\XSDs\mailxml_tm_26.1.xsd](#)
attribute form default: **qualified**
element form default: **qualified**
targetNamespace: **http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm**

Elements

[ActualConsigneeFacility](#)

[ActualEndUnload](#)
[ActualStartUnload](#)
[ActualTruckArrival](#)
[AllApptCloseoutDelivery](#)
[AllApptCloseoutNotification](#)
[AllApptCloseoutResponse](#)
[AllDeliveryApptCloseoutRequest](#)
[AllPickupApptCloseoutRequest](#)
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[DeliveryApptQueryResponse](#)
[DeliveryApptShellCancelRequest](#)
[DeliveryApptShellCancelResponse](#)
[DeliveryApptShellCreateRequest](#)
[DeliveryApptShellCreateResponse](#)
[DeliveryApptShellUpdateRequest](#)
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[DeliveryApptStatusQueryRequest](#)
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[DeliveryApptTransportationUpdateRequest](#)
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[DeliveryApptUpdate](#)
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Complex types

[actualBedloadType](#)

[actualPalletType](#)
[allDeliveryApptCloseoutAcceptType](#)
[AppointmentInfoType](#)
[apptBlockGoodsType](#)
[apptBlockRequestType](#)
[apptBlockUnscheduledGoodsType](#)
[apptBlockUpdateType](#)
[apptCloseoutDetailType](#)
[apptCloseoutNotAvailableResponseType](#)
[apptCloseoutResponseType](#)
[apptInfoType](#)
[availableApptType](#)
[availableHourType](#)
[availableSlotType](#)

[bedloadHandlingUnitType](#)
[bedloadUnitType](#)
[carrierType](#)
[containerInductionInfoType](#)
[contentCancelType](#)
[contentDetailInfoType](#)
[contentDetailInfoUpdateType](#)
[contentUspsSummaryType](#)
[contentUspsSummaryUpdateType](#)
[csaDispatchType](#)
[csaInfoType](#)
[deliveryApptAcceptType](#)
[deliveryApptContentRemoveAcceptType](#)
[deliveryApptContentRemoveRejectType](#)
[deliveryApptRejectType](#)
[deliveryApptShellAcceptType](#)
[deliveryApptShellCancelRequestType](#)
[deliveryApptShellCancelResponseType](#)
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[deliveryApptTransportationUpdateResponseType](#)
[deliveryApptUpdateAcceptType](#)
[deliveryApptUpdateRejectType](#)
[deliveryContentAcceptType](#)
[deliveryContentCancelRequestType](#)

Simple types

[appointmentNumberIdentifierType](#)
[contentsBarcodeStatusType](#)
[contentsBarcodeTypeType](#)
[csaStatusType](#)
[csaTemplateType](#)
[IMcbInfoType](#)
[locationStatusType](#)
[packageServicesType](#)
[processingCodeType](#)
[scanEventType](#)
[stopStatusType](#)
[valueAddedServiceType](#)
[verificationLocationType](#)

<u>DeliveryApptUpdateResponse</u>	<u>deliveryContentCancelResponseType</u>
<u>DeliveryContentCancelRequest</u>	<u>deliveryContentRejectType</u>
<u>DeliveryContentCancelResponse</u>	<u>deliveryContentUpdateAcceptType</u>
<u>DeliveryContentCreateRequest</u>	<u>deliveryContentUpdatedType</u>
<u>DeliveryContentCreateResponse</u>	<u>deliveryContentUpdateRejectType</u>
<u>DeliveryContentQueryRequest</u>	<u>deliverySummaryType</u>
<u>DeliveryContentQueryResponse</u>	<u>detailInfoType</u>
<u>DeliveryContentUpdateRequest</u>	<u>eFileSamplingTimeType</u>
<u>DeliveryContentUpdateResponse</u>	<u>maildatSummaryType</u>
<u>DeliveryReApptRequest</u>	<u>oneTimeApptType</u>
<u>DispatchContainerInfoNotification</u>	<u>optionalApptType</u>
<u>DispatchContainerInfoResponse</u>	<u>optReturnInfoType</u>
<u>GoodsReceiptResponse</u>	<u>palletPresortType</u>
<u>OpenApptQueryRequest</u>	<u>palletUnitType</u>
<u>OpenApptQueryResponse</u>	<u>PartnerApptBlockType</u>
<u>PartnerApptQueryRequest</u>	<u>partnerContentAssignmentType</u>
<u>PartnerApptQueryResponse</u>	<u>pickupApptBlockRequestType</u>
<u>PartnerContentAssignmentRequest</u>	<u>presortType</u>
<u>PartnerContentAssignmentResponse</u>	<u>recurringApptBlockType</u>
<u>PickupApptCancelRequest</u>	<u>recurringApptType</u>
<u>PickupApptCancelResponse</u>	<u>slotAvailabilityType</u>
<u>PickupApptCreateRequest</u>	<u>staleContentNotificationElementType</u>
<u>PickupApptCreateResponse</u>	<u>trailerInfoType</u>
<u>PickupApptUpdateRequest</u>	<u>trailerType</u>
<u>PickupApptUpdateResponse</u>	<u>transportationContainerBlockType</u>
<u>RecurringApptQueryRequest</u>	<u>transportationContainerStatusBlockType</u>
<u>RecurringApptQueryResponse</u>	<u>transportationDetailBlockType</u>
<u>ScheduledAppt</u>	<u>transportationGeoDataBlockType</u>
<u>StaleContentDelivery</u>	<u>transportationSummaryBlockType</u>
<u>StaleContentNotification</u>	<u>trayHandlingUnitType</u>
<u>StaleContentQueryRequest</u>	<u>uspsClosedBySVType</u>
<u>StaleContentQueryResponse</u>	<u>uspsContainerInfoType</u>
<u>UnscheduledConsigneeGoodsReceipt</u>	<u>uspsDetailType</u>
<u>UnscheduledConsigneeGoodsReceiptDelivery</u>	<u>uspsSummaryType</u>
<u>UnscheduledConsigneeGoodsReceiptNotification</u>	
<u>USPSDeliveryContentUpdatedDelivery</u>	
<u>USPSDeliveryContentUpdatedNotification</u>	
<u>USPSDeliveryContentUpdatedQueryRequest</u>	
<u>USPSDeliveryContentUpdatedQueryResponse</u>	

element **ActualConsigneeFacility**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	mailxml_defs:consigneeFacilityType

element **ActualEndUnload**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	xs:dateTime
annotation	documentation Actual date/time when unload is complete

element **ActualStartUnload**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	xs:dateTime

element **ActualTruckArrival**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

type	xs:dateTime
------	-------------

element **AllApptCloseoutDelivery**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	<p>documentation</p> <p>Delivery of full service closeout data of appointments from USPS.</p>

element **AllApptCloseoutNotification**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	<p>documentation</p> <p>Notification from UPSP that full service closeout data is ready to be picked up.</p>

element AllApptCloseoutResponse

diagram	<p>AllApptCloseoutResponse Response to the request to closeout all delivery appointments.</p> <p>attributes</p> <p>grp mailxml_defs:LargeTrans...</p> <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:MessageSerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs:LastMessage <p>mailxml_tm:TrackingID</p> <p>mailxml_tm:SubmitterTrackingID</p> <p>mailxml_defs:LargeTransactio... +</p> <p>mailxml_tm:AllDeliveryApptClo... + Response indicating that all delivery appointments have been closed.</p> <p>mailxml_tm:AllDeliveryApptClo... + Response indicating that all delivery appointments could not be closed and why.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	<p>documentation</p> <p>Response to the request to closeout all delivery appointments.</p>

element AllDeliveryApptCloseoutRequest

diagram	<p>The diagram shows the structure of the AllDeliveryApptCloseoutRequest element. It is a container for a group of attributes and three optional elements. The attributes group, labeled grp mailxml_tm:StatusReques..., includes: mailxml_tm:SchedulerID, mailxml_tm:SchedulerCRID, mailxml_tm:SchedulerCorpID, mailxml_tm:CreatorSchedulerC..., mailxml_tm:CreatorSchedulerID, mailxml_tm:CreatorSchedulerC..., mailxml_tm:Start, and mailxml_tm:End. The optional elements are mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, and mailxml_tm:SubmitterTrackingID. The element is represented by a box with a small square icon on the right.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	<p>documentation</p> <p>Request to closeout all delivery appointments.</p>

element AllPickupApptCloseoutRequest

diagram	<p>The diagram shows the structure of the AllPickupApptCloseoutRequest element. It is a container for a group of attributes and three optional elements. The attributes group, labeled attributes, includes: mailxml_tm:ShipperID, mailxml_tm:ShipperCorpID, mailxml_tm:Start, and mailxml_tm:End. The optional elements are mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, and mailxml_tm:SubmitterTrackingID. The element is represented by a box with a small square icon on the right.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	<p>documentation</p> <p>Message sent from the Shipper to the Consignee to check the closeout status of all pickup appointments--scheduled and unscheduled.</p>

element **ApptInductionCloseoutRequest**


diagram	<p>The diagram shows the structure of the ApptInductionCloseoutRequest element. It is a message sent by the Consignee to the Shipper to request induction closeouts. The element contains a group of attributes: mailxml_tm:InductionClos... (which includes mailxml_tm:ConsigneeApptID, mailxml_tm:SchedulerID, and mailxml_tm:SchedulerCorpID), mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, mailxml_tm:SubmitterTrackingID, and mailxml_tm:ApptCloseout (with a cardinality of 1..∞).</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	<p>documentation</p> <p>Message sent by the Consignee to the Shipper to request induction closeouts.</p>

element **ApptInductionCloseoutResponse**

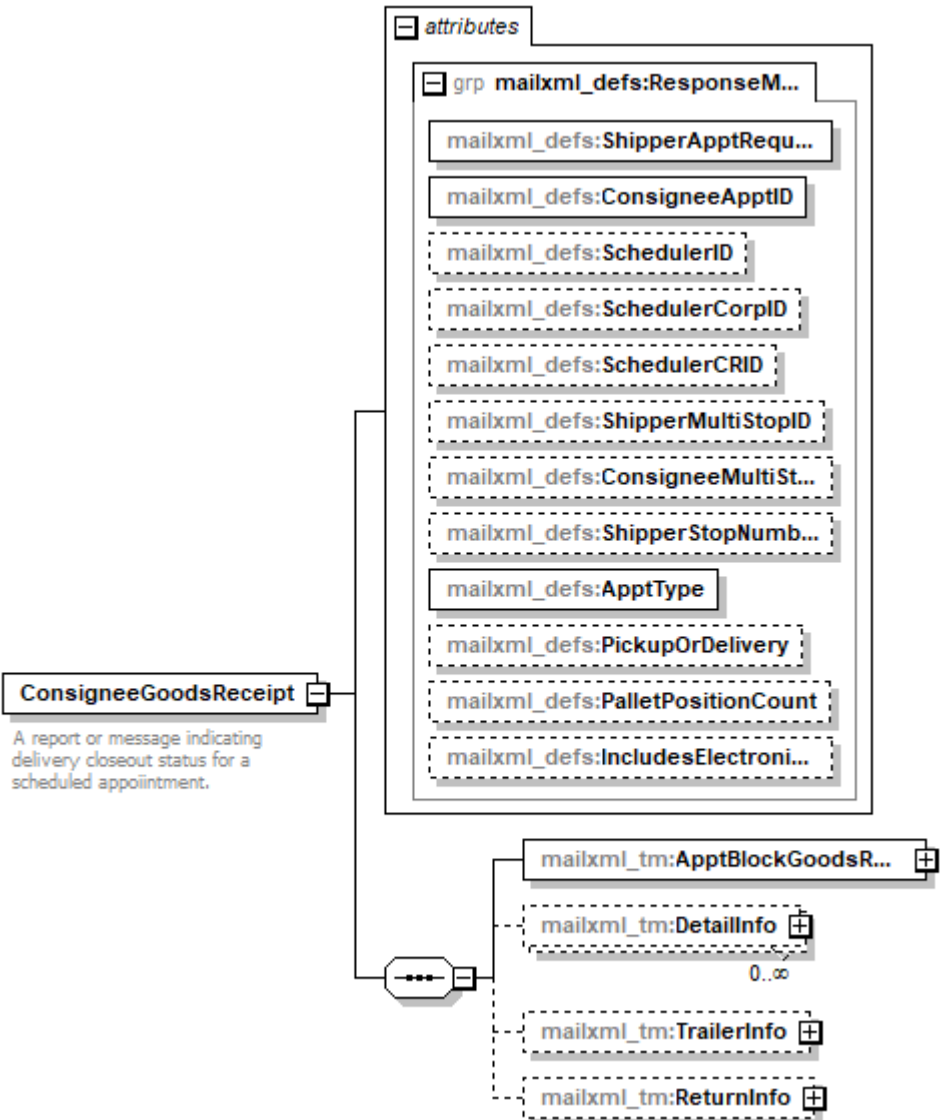
diagram	<p>The diagram shows the structure of the ApptInductionCloseoutResponse element. It is a response from the Shipper providing induction closeout information. The element contains a group of attributes: mailxml_defs:LargeTrans... (which includes mailxml_defs:MessageGroupID, mailxml_defs:TotalMessageCou..., mailxml_defs:MessageSerialNu..., mailxml_defs:TransmittedRecor..., mailxml_defs:TotalRecordsAcro..., and mailxml_defs>LastMessage), mailxml_tm:TrackingID, and mailxml_tm:SubmitterTrackingID. It also contains a group of two mailxml_tm:ApptInductionClos... elements.</p>
---------	--

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response from the Shipper providing induction closeout information.

element ApptStatus

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	mailxml_base:apptStatusType

element ConsigneeGoodsReceipt

diagram	 <p>The diagram shows the structure of the ConsigneeGoodsReceipt element. It includes a description: "A report or message indicating delivery closeout status for a scheduled appointment." The element is composed of several parts:</p> <ul style="list-style-type: none"> attributes: A group of attributes including: <ul style="list-style-type: none"> mailxml_defs:ResponseM... mailxml_defs:ShipperApptRequ... mailxml_defs:ConsigneeApptID mailxml_defs:SchedulerID mailxml_defs:SchedulerCorplD mailxml_defs:SchedulerCRID mailxml_defs:ShipperMultiStopID mailxml_defs:ConsigneeMultiSt... mailxml_defs:ShipperStopNumb... mailxml_defs:ApptType mailxml_defs:PickupOrDelivery mailxml_defs:PalletPositionCount mailxml_defs:IncludesElectroni... mailxml_tm:ApptBlockGoodsR...: A complex type element. mailxml_tm:DetailInfo: A complex type element, occurring 0..∞ times. mailxml_tm:TrailerInfo: A complex type element. mailxml_tm:ReturnInfo: A complex type element.
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

annotation	documentation A report or message indicating delivery closeout status for a scheduled appointment.
------------	---

element **ConsigneeGoodsReceiptDelivery**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Delivery of a consignee goods receipt from the USPS

element **ConsigneeGoodsReceiptNotification**

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

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Notification that a consignee goods receipt is ready for pickup from the USPS.

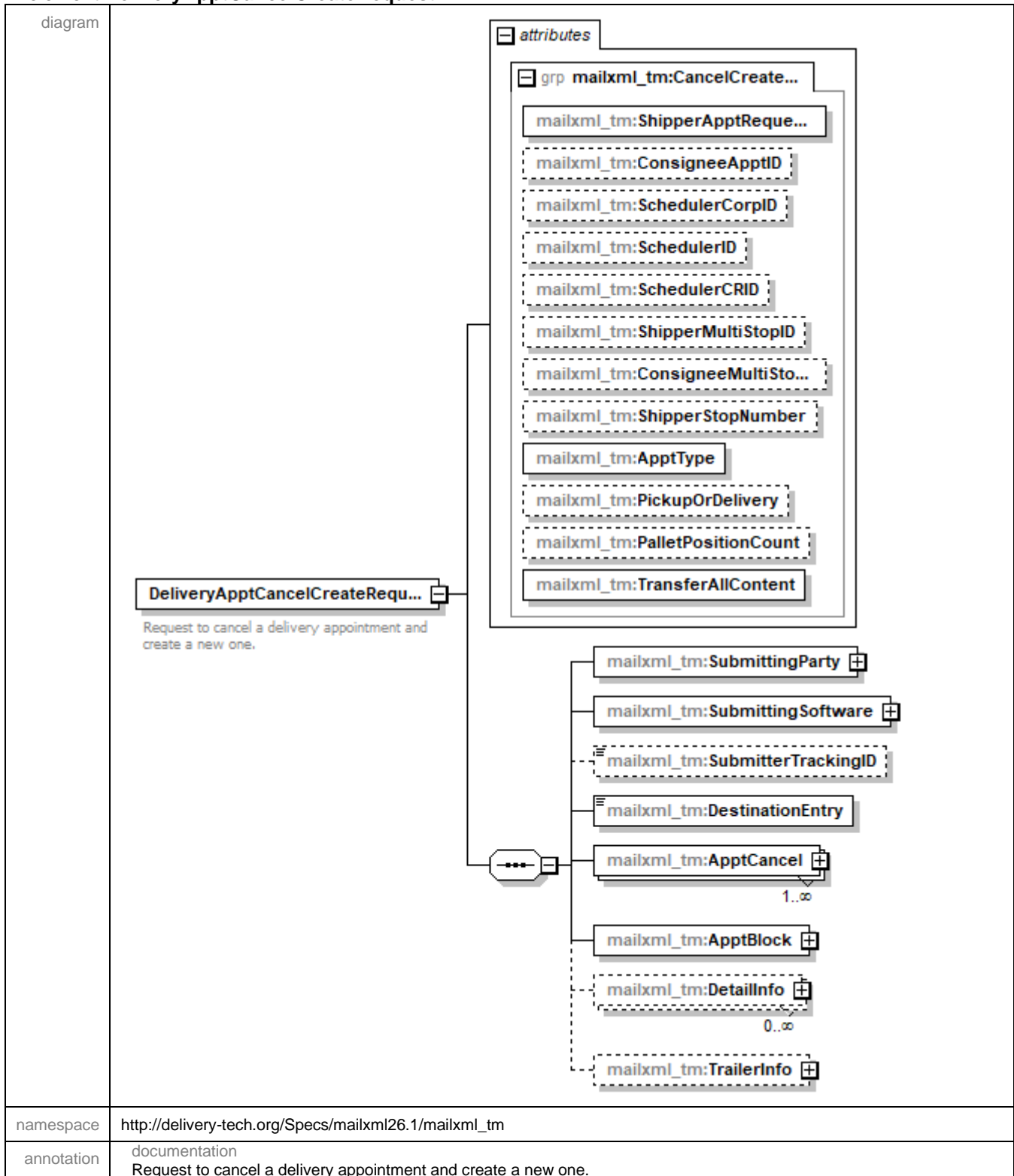
element **CustomerSupplierAgreementQueryRequest**

diagram	<p>The diagram illustrates the structure of the CustomerSupplierAgreementQueryRequest element. It features a main box labeled CustomerSupplierAgreement... with the description "Query request for for a Customer Supplier Agreement (CSA)". To the right, an attributes container holds a group grp mailxml_tm:CustomerSup..., which includes mailxml_tm:OwnerCRID and mailxml_tm:CSAID. Below the main box, a sequence container (indicated by a circle with three dots) contains three elements: mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, and mailxml_tm:SubmitterTrackingID. The first two are solid boxes, while the last is a dashed box.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Query request for for a Customer Supplier Agreement (CSA).

element **CustomerSupplierAgreementQueryResponse**

diagram	<p>The diagram illustrates the structure of the CustomerSupplierAgreementQueryResponse element. It features a main box labeled CustomerSupplierAgreement... with the description "Response to the Query request for for a Customer Supplier Agreement (CSA)". To the right, an attributes container holds a group grp mailxml_tm:CustomerSup..., which includes mailxml_tm:OwnerCRID and mailxml_tm:CSAID. Below the main box, a sequence container (indicated by a circle with three dots) contains two elements: mailxml_tm:TrackingID (dashed box) and mailxml_tm:SubmitterTrackingID (dashed box). These are followed by another sequence container (indicated by a circle with a slash and three dots) containing mailxml_tm:QueryResults and mailxml_tm:QueryError, both solid boxes.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the Query request for for a Customer Supplier Agreement (CSA).

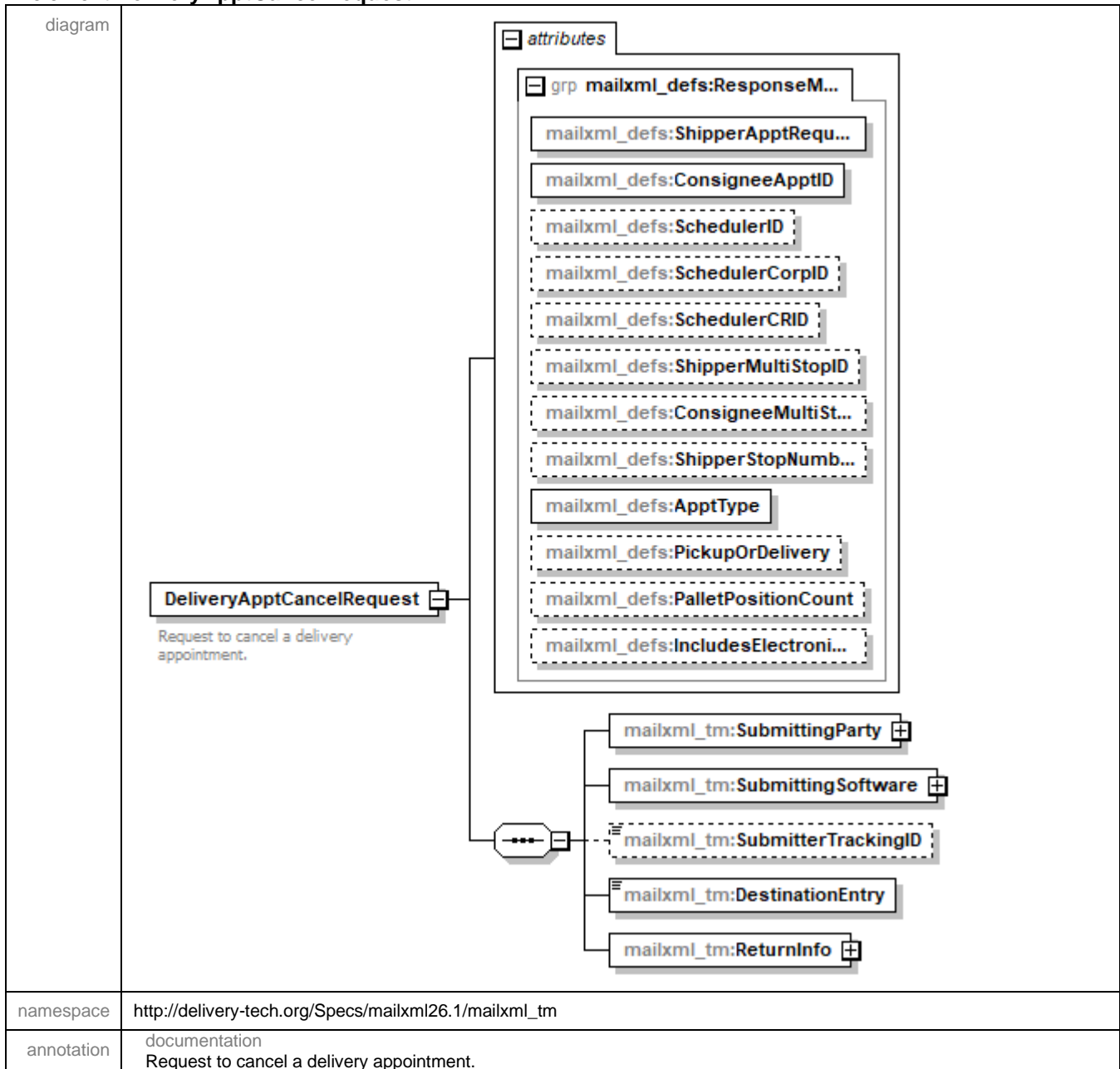
element **DeliveryApptCancelCreateRequest**



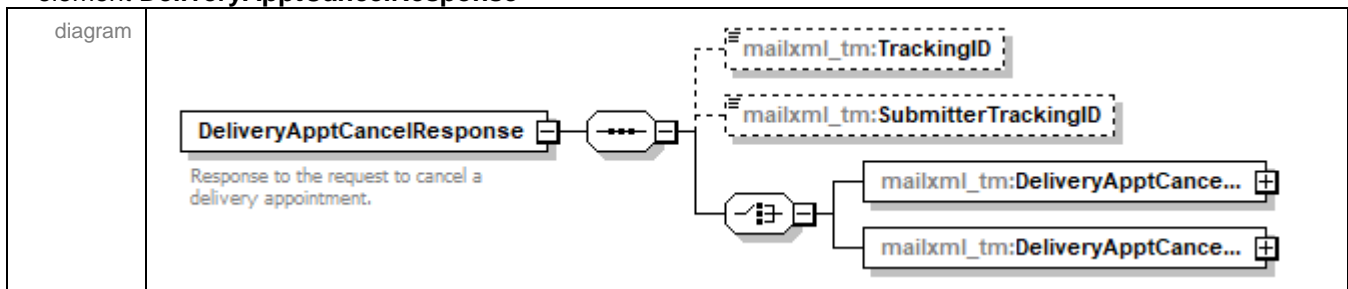
element **DeliveryApptCancelCreateResponse**

<p>diagram</p>	
<p>namespace</p>	<p>http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm</p>
<p>annotation</p>	<p>documentation Response to the request to cancel a delivery appointment and create a new one.</p>

element **DeliveryApptCancelRequest**



element **DeliveryApptCancelResponse**



namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the request to cancel a delivery appointment.

element **DeliveryApptContentRemoveRequest**

diagram	<p>The diagram shows the structure of the DeliveryApptContentRemoveRequest element. It is a container for a group of attributes and a sequence of content elements. The attributes group, labeled grp mailxml_tm:ContentRemo..., includes mailxml_tm:ConsigneeApptID, mailxml_tm:SchedulerID, and mailxml_tm:SchedulerCorpID. The sequence of content elements includes mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, mailxml_tm:SubmitterTrackingID (indicated as optional with a dashed border), and mailxml_tm:ContentID (indicated as optional with a dashed border and a multiplicity of 1..∞).</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Request to remove content from a delivery appointment.

element **DeliveryApptContentRemoveResponse**

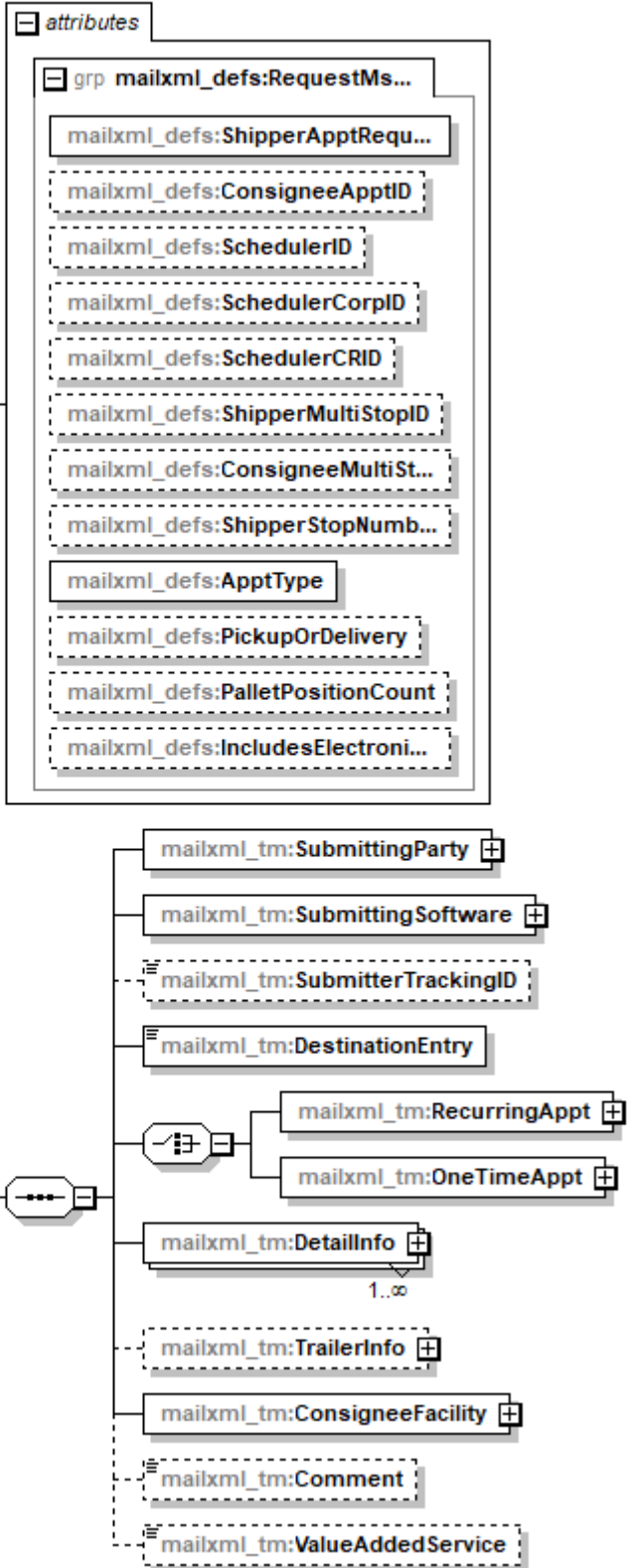
diagram	<p>The diagram shows the structure of the DeliveryApptContentRemoveResponse element. It is a container for a sequence of content elements. The sequence includes mailxml_tm:TrackingID (indicated as optional with a dashed border), mailxml_tm:SubmitterTrackingID (indicated as optional with a dashed border), and a group of two mailxml_tm:DeliveryApptConte... elements (indicated as optional with a dashed border and a multiplicity of 1..∞).</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the request to remove content from a delivery appointment.

element **DeliveryApptCreateRequest**

diagram

DeliveryApptCreateRequest

Request to create a delivery appointment.



namespace `http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm`

annotation	documentation Request to create a delivery appointment.
------------	--

element **DeliveryApptCreateResponse**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the request to create a delivery appointment.

element **DeliveryApptMultiStopUpdateRequest**

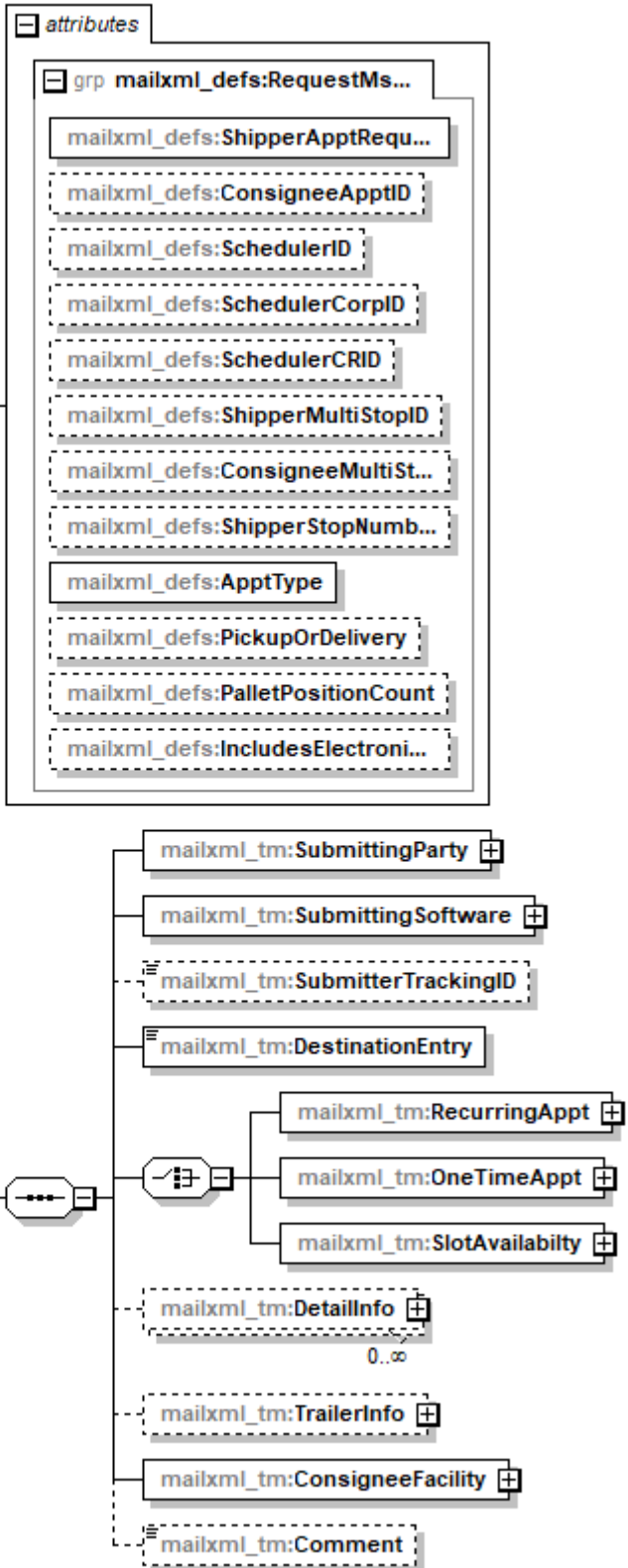
diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Request to update a multistop delivery appointment.

element **DeliveryApptQueryRequest**

diagram

DeliveryApptQueryRequest

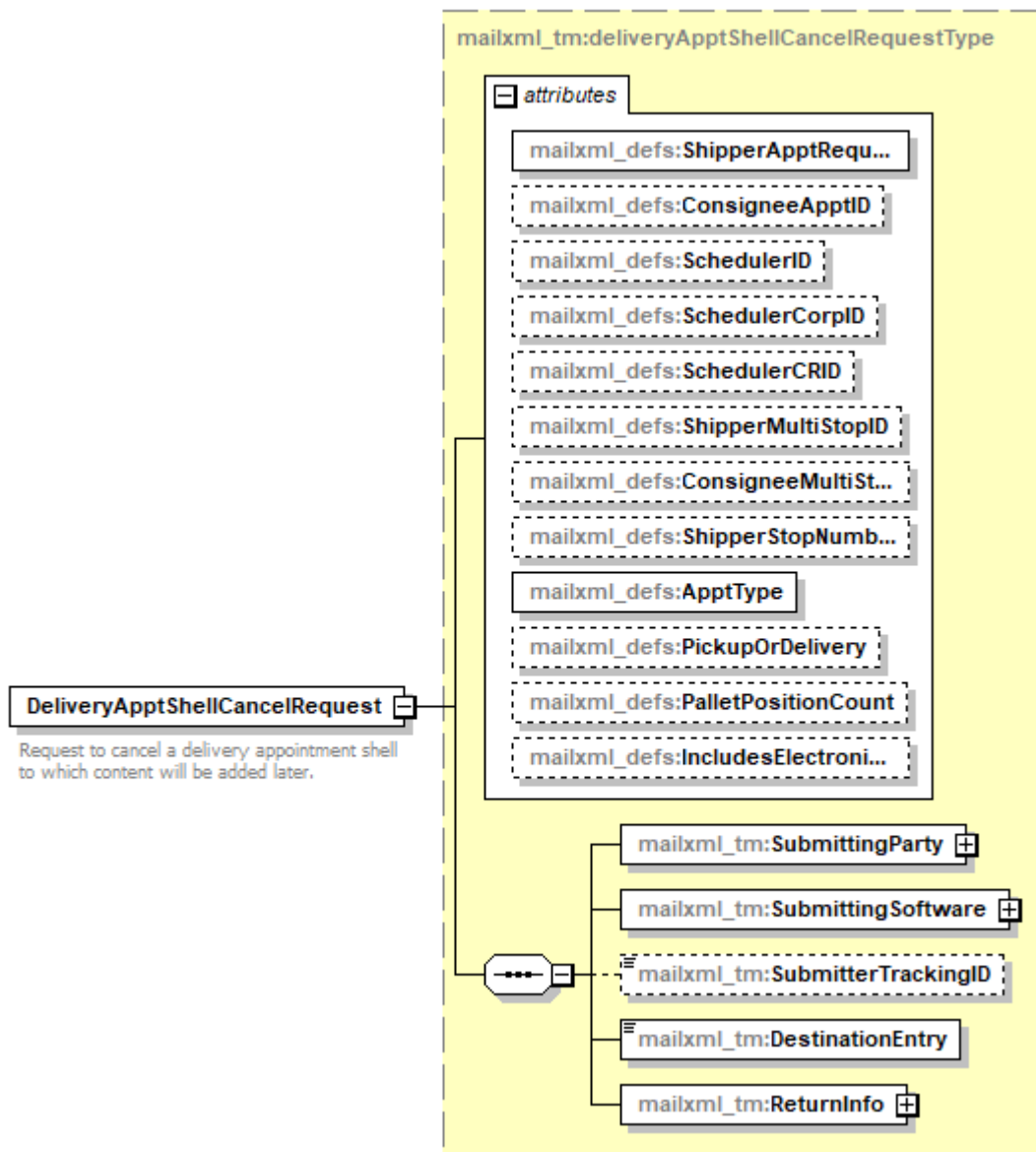
Query request for for availability of a particular appointment.



namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

element **DeliveryApptShellCancelRequest**

diagram



namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

type [mailxml_tm:deliveryApptShellCancelRequestType](#)

annotation documentation
Request to cancel a delivery appointment shell to which content will be added later.

element **DeliveryApptShellCancelResponse**

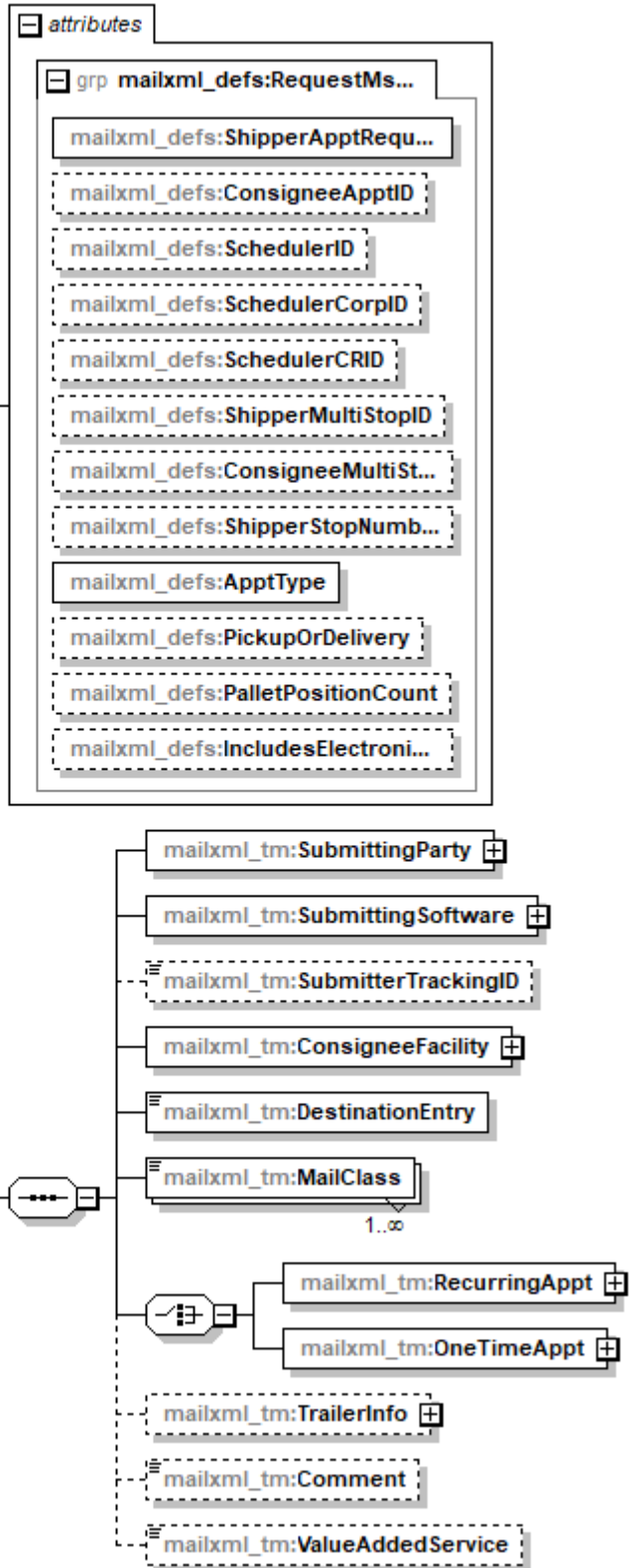
diagram	<p>The diagram illustrates the structure of the DeliveryApptShellCancelResponse element. It is a container element (rectangle with a small square on the right) that contains a sequence of elements (oval with three dots). The sequence starts with a mailxml_tm:deliveryApptShellCancelResponseType container (yellow dashed rectangle). Inside this container, there is a sequence of elements (oval with three dots) containing two optional elements (dashed rectangles): mailxml_tm:SubmitterTrackingID and mailxml_tm:TrackingID. Following these, there is a choice element (oval with a plus sign) containing two elements: mailxml_tm:DeliveryApptCancel... and mailxml_tm:DeliveryApptCancel....</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	mailxml_tm:deliveryApptShellCancelResponseType
annotation	<p>documentation</p> <p>Response to a request to cancel a delivery appointment shell to which content will be added later.</p>

element **DeliveryApptShellCreateRequest**

diagram

DeliveryApptShellCreateRequest

Request to create a delivery appointment shell to which content will be added later.



namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

annotation	documentation Request to create a delivery appointment shell to which content will be added later.
------------	---

element **DeliveryApptShellCreateResponse**

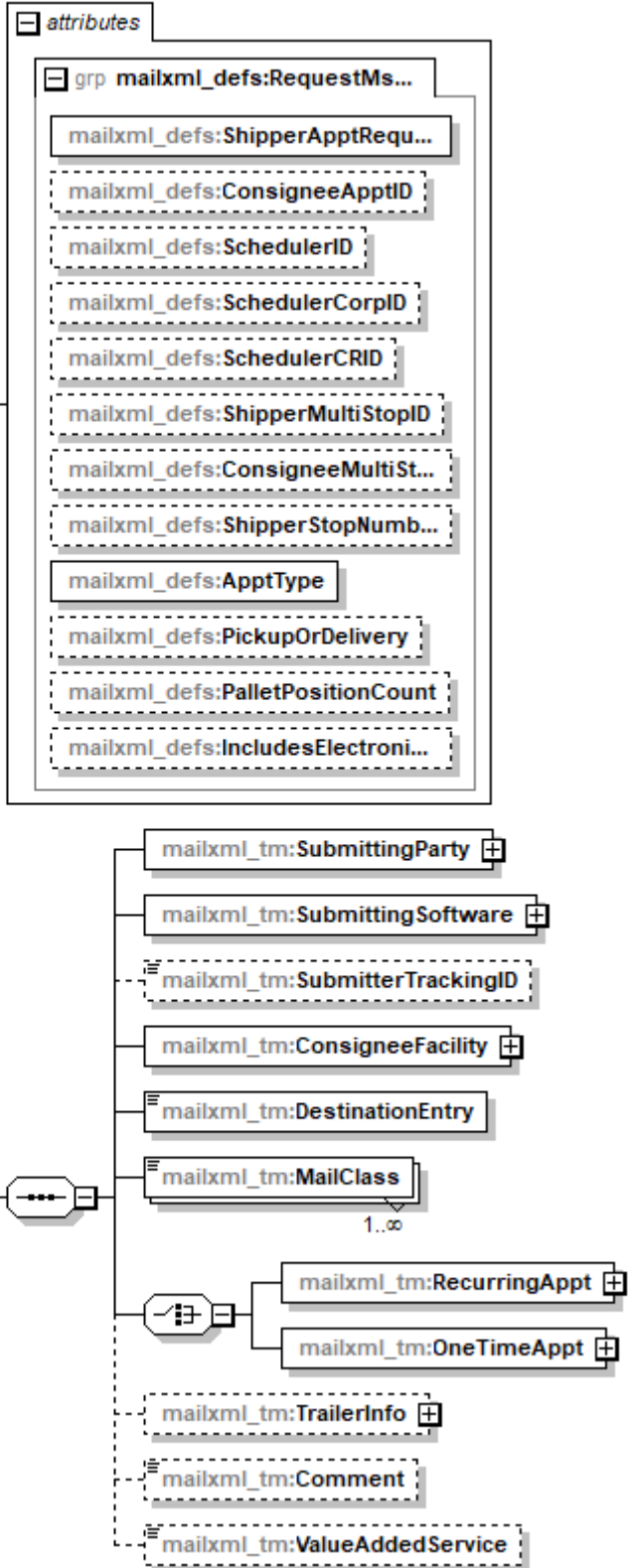
diagram	<p>The diagram illustrates the structure of the DeliveryApptShellCreateResponse element. It is a container element (rectangle with a small square on the right) containing a text description: "Response to the request to create a delivery appointment shell to which content will be added later." To the right of the container is a sequence of elements connected by a line with three dots. The first element is a dashed box containing two sub-elements: mailxml_tm:TrackingID and mailxml_tm:SubmitterTrackingID. The second element is a box with a plus sign and a minus sign, indicating a choice between two elements: mailxml_tm:DeliveryApptShellIC... and mailxml_tm:DeliveryApptShellIC....</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the request to create a delivery appointment shell to which content will be added later.

element **DeliveryApptShellUpdateRequest**

diagram

DeliveryApptShellUpdateRequest

Request to update a delivery appointment shell to which content will be added later.



namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

annotation	documentation Request to update a delivery appointment shell to which content will be added later.
------------	---

element
 DeliveryApptShellUpdateResponse

diagram	<div> <p>The diagram shows the structure of the DeliveryApptShellUpdateResponse element. It is a container element (rectangle with a small square in the top-left corner) containing a text description: "Response to the request to update a delivery appointment shell to which content will be added later." To the right of the element is a dashed line representing a sequence of child elements. The first child is a group (octagon) containing two elements: mailxml_tm:TrackingID and mailxml_tm:SubmitterTrackingID. The second child is a choice (octagon with a vertical line) containing two elements: mailxml_tm:DeliveryApptShellA... and mailxml_tm:DeliveryApptShellR....</p> </div>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the request to update a delivery appointment shell to which content will be added later.

element
 DeliveryApptStatusQueryRequest

diagram	<div> <p>The diagram shows the structure of the DeliveryApptStatusQueryRequest element. It is a container element (rectangle with a small square in the top-left corner) containing a text description: "Query request for the status of a delivery appointment." To the right of the element is a dashed line representing a sequence of child elements. The first child is a group (octagon) containing a group (rectangle) labeled attributes which contains a group (rectangle) labeled grp mailxml_tm:ApptStatusRe... containing mailxml_tm:ShipperApptReque... and mailxml_tm:ConsigneeApptID. The second child is a choice (octagon with a vertical line) containing three elements: mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, and mailxml_tm:SubmitterTrackingID.</p> </div>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Query request for the status of a delivery appointment.

element
 DeliveryApptStatusQueryResponse

diagram	<div> <p>The diagram shows the structure of the DeliveryApptStatusQueryResponse element. It is a container element (rectangle with a small square in the top-left corner) containing a text description: "Response to the Query request for the status of a delivery appointment." To the right of the element is a dashed line representing a sequence of child elements. The first child is a group (octagon) containing two elements: mailxml_tm:TrackingID and mailxml_tm:SubmitterTrackingID. The second child is a choice (octagon with a vertical line) containing two elements: mailxml_tm:QueryResults and mailxml_defs:QueryError. Below the mailxml_defs:QueryError element is a text description: "Error issued when the query data cannot be provided."</p> </div>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

annotation	documentation Response to the Query request for the status of a delivery appointment.
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element **DeliveryApptTransportationUpdateRequest**

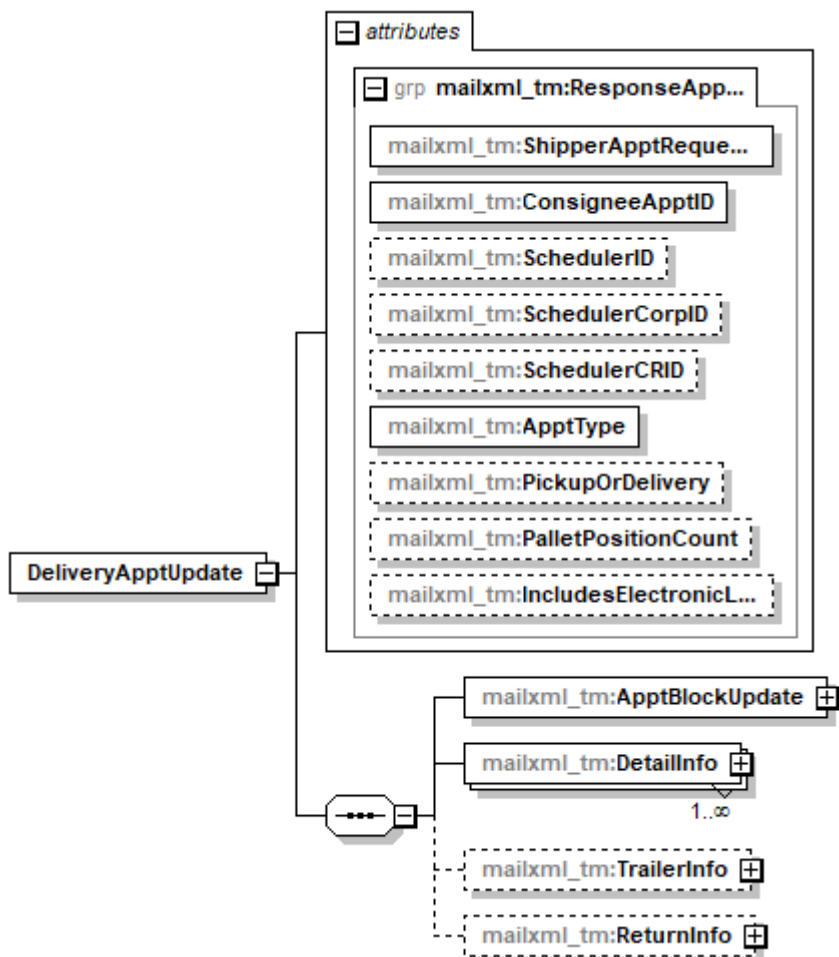
diagram	<p>DeliveryApptTransportationUpd... Request to update the transportation for a delivery appointment.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	mailxml_tm:deliveryApptTransportationUpdateRequestType
annotation	documentation Request to update the transportation for a delivery appointment.

element **DeliveryApptTransportationUpdateResponse**

diagram	<p>DeliveryApptTransportationUpd... Response to the request to update the transportation for a delivery appointment.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	mailxml_tm:deliveryApptTransportationUpdateResponseType
annotation	documentation Response to the request to update the transportation for a delivery appointment.

element **DeliveryApptUpdate**

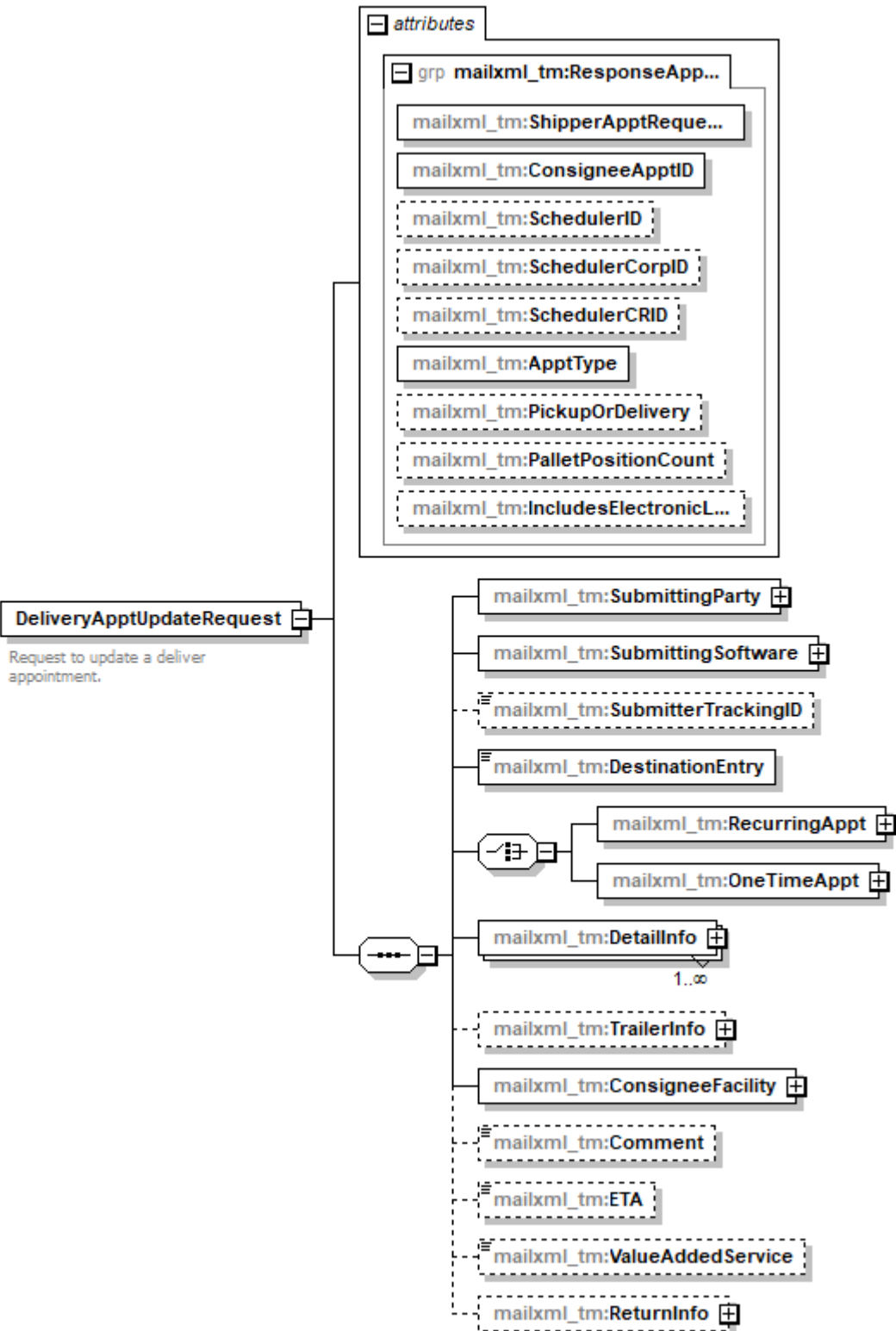
diagram



namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

element **DeliveryApptUpdateRequest**

diagram



namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

annotation
documentation
Request to update a deliver appointment.

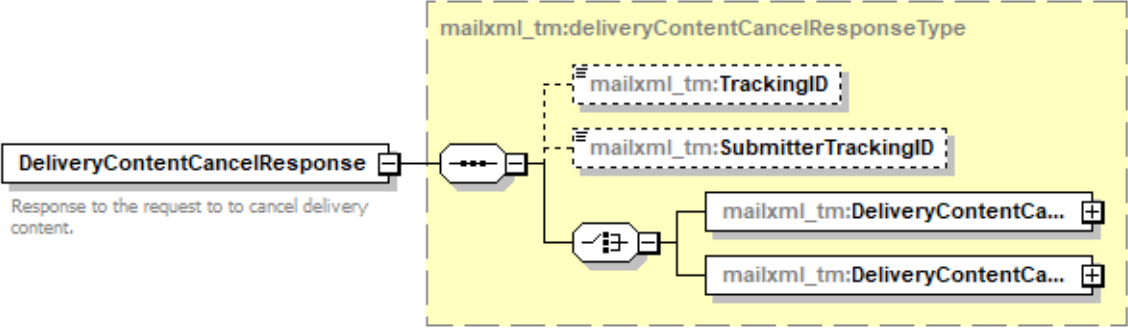
element **DeliveryApptUpdateResponse**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the request to update a deliver appointment.

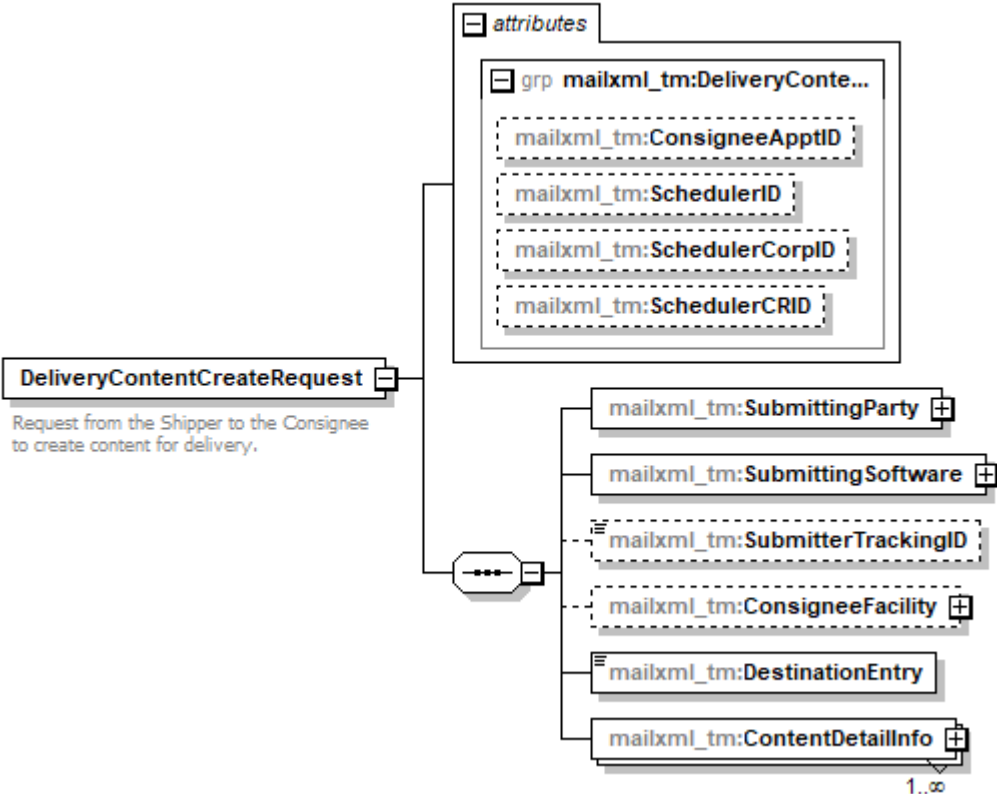
element **DeliveryContentCancelRequest**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	mailxml_tm:deliveryContentCancelRequestType
annotation	documentation Request to cancel delivery content.

element **DeliveryContentCancelResponse**

diagram	 <p>The diagram shows the structure of the DeliveryContentCancelResponse element. It is a container element with a description: "Response to the request to to cancel delivery content." The element is connected to a sequence container (a box with three dots) which contains two optional elements: mailxml_tm:TrackingID and mailxml_tm:SubmitterTrackingID. This sequence container is then connected to another sequence container (a box with a plus sign) which contains two required elements: mailxml_tm:DeliveryContentCa... and mailxml_tm:DeliveryContentCa.... The entire structure is enclosed in a yellow dashed box labeled mailxml_tm:deliveryContentCancelResponseType.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	mailxml_tm:deliveryContentCancelResponseType
annotation	documentation Response to the request to to cancel delivery content.

element **DeliveryContentCreateRequest**

diagram	 <p>The diagram shows the structure of the DeliveryContentCreateRequest element. It is a container element with a description: "Request from the Shipper to the Consignee to create content for delivery." The element is connected to a sequence container (a box with three dots) which contains two optional elements: mailxml_tm:SubmittingParty and mailxml_tm:SubmittingSoftware. This sequence container is then connected to another sequence container (a box with a plus sign) which contains two required elements: mailxml_tm:SubmitterTrackingID and mailxml_tm:ConsigneeFacility. The entire structure is enclosed in a yellow dashed box labeled mailxml_tm:deliveryContentCreateRequestType. Additionally, there is a separate box labeled attributes containing a group grp mailxml_tm:DeliveryConte... which contains four optional elements: mailxml_tm:ConsigneeApptID, mailxml_tm:SchedulerID, mailxml_tm:SchedulerCorplD, and mailxml_tm:SchedulerCRID. The ContentDetailInfo element at the bottom has a cardinality of 1..∞.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Request from the Shipper to the Consignee to create content for delivery.

element **DeliveryContentCreateResponse**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the request to create content for delivery.

element **DeliveryContentQueryRequest**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Query request for delivery content.

element **DeliveryContentQueryResponse**

diagram	<pre> graph TD Root[DeliveryContentQueryResponse Response to the Query request for delivery content.] Root --> Attributes[attributes] Attributes --> Group[grp mailxml_tm:DeliveryConte...] Group --> A1[mailxml_tm:ConsigneeApptID] Group --> A2[mailxml_tm:SchedulerID] Group --> A3[mailxml_tm:SchedulerCorpID] Group --> A4[mailxml_tm:SchedulerCRID] Group --> A5[mailxml_tm:SchedulerContentID] Group --> A6[mailxml_tm:ConsigneeContentID] Group --> A7[mailxml_tm:RetrieveContentUp...] Group --> A8[mailxml_tm:RetrieveContentUp...] Root --> Seq1[Sequence Container] Seq1 --> A9[mailxml_tm:TrackingID] Seq1 --> A10[mailxml_tm:SubmitterTrackingID] Seq1 --> Choice[Choice Container] Choice --> A11[mailxml_tm:QueryResults] Choice --> A12[mailxml_tm:QueryError] </pre>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	<p>documentation</p> <p>Response to the Query request for delivery content.</p>

element **DeliveryContentUpdateRequest**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Request from the Shipper to the Consignee to update the content for delivery.

element **DeliveryContentUpdateResponse**

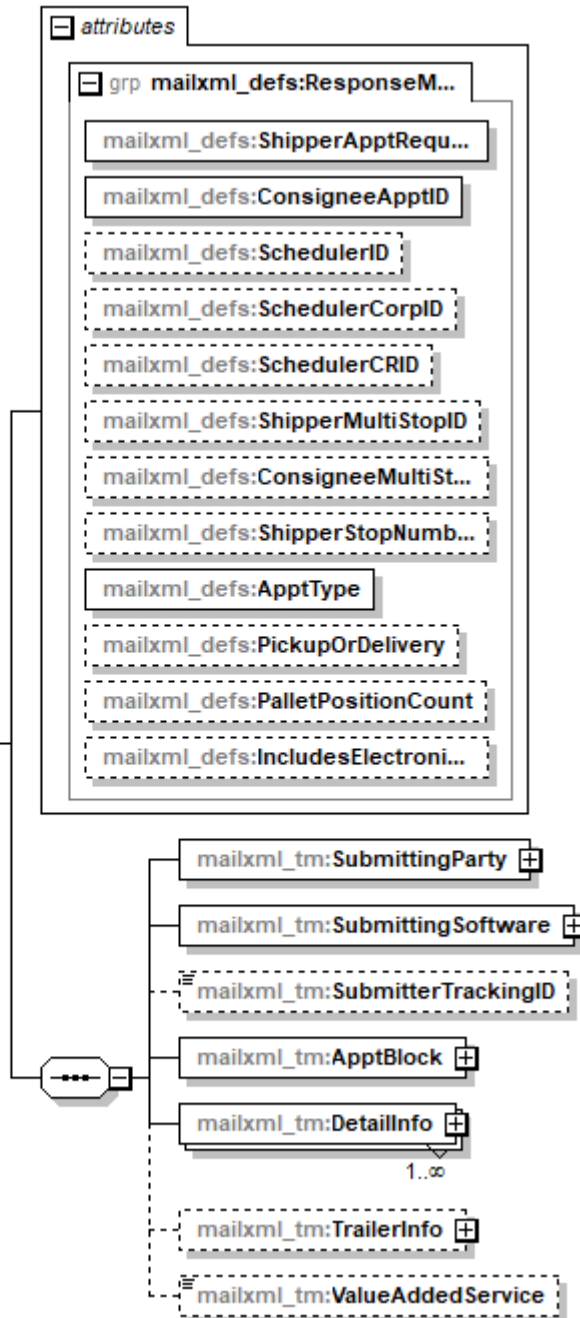
diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the request from the Shipper to the Consignee to update the content for delivery.

element **DeliveryReApptRequest**

diagram

DeliveryReApptRequest

Request is sent from the Shipper to the Consignee if an appointment is cancelled and the Shipper wants to rebook the delivery using the same Consignee Appointment ID



namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

annotation
documentation
Request is sent from the Shipper to the Consignee if an appointment is cancelled and the Shipper wants to rebook the delivery using the same Consignee Appointment ID

element DispatchContainerInfoNotification

diagram	<p>The diagram shows the structure of the DispatchContainerInfoNotification element. It is a container element with a title bar and a description "Transportation mesaging". It contains a group of attributes labeled "attributes" which includes a group "grp mailxml_tm:DispatchCont..." containing "mailxml_tm:CustomerGroupID" and "mailxml_tm:MailingGroupID". It also contains a sequence of elements: "mailxml_tm:SubmittingParty", "mailxml_tm:SubmittingSoftware", "mailxml_tm:SubmitterTrackingID" (dashed), "mailxml_tm:TransportationSu..." (dashed), "mailxml_tm:TransportationGeo..." (dashed), and "mailxml_tm:TransportationCon..." (dashed).</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Transportation mesaging

element DispatchContainerInfoResponse

diagram	<p>The diagram shows the structure of the DispatchContainerInfoResponse element. It is a container element with a title bar and a description "Response to the notification for dispatch container information.". It contains a sequence of elements: "mailxml_tm:TrackingID" (dashed), "mailxml_tm:SubmitterTrackingID" (dashed), and a choice of two elements: "mailxml_tm:DispatchContainerl..." and "mailxml_tm:DispatchContainerl...".</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the notification for dispatch container information.

element GoodsReceiptResponse

diagram	<p>The diagram shows the structure of the GoodsReceiptResponse element. It is a container element with a title bar and a description "Response to the consignee goods response message.". It contains a sequence of elements: "mailxml_tm:TrackingID" (dashed), "mailxml_tm:SubmitterTrackingID" (dashed), and a choice of two elements: "mailxml_tm:OK" and "mailxml_tm:ReturnInfo".</p>
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namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the consignee goods response message.

element **OpenApptQueryRequest**

diagram	<p>The diagram illustrates the structure of the OpenApptQueryRequest element. It is a container element with a description: "Query request for available delivery appointments." The structure is as follows:</p> <ul style="list-style-type: none">attributes (grouped):<ul style="list-style-type: none">grp mailxml_defs:QueryMsgH... (grouped):<ul style="list-style-type: none">mailxml_defs:SchedulerIDmailxml_defs:SchedulerCorplDmailxml_defs:ApptTypemailxml_tm:SubmittingParty (+)mailxml_tm:SubmittingSoftware (+)mailxml_tm:SubmitterTrackingID (dashed box, indicating optional)mailxml_tm:ConsigneeFacility (+)mailxml_tm:OptionalAppt (+) <p>The cardinality for the mailxml_tm:OptionalAppt element is 1..∞.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Query request for available delivery appointments.

element **OpenApptQueryResponse**

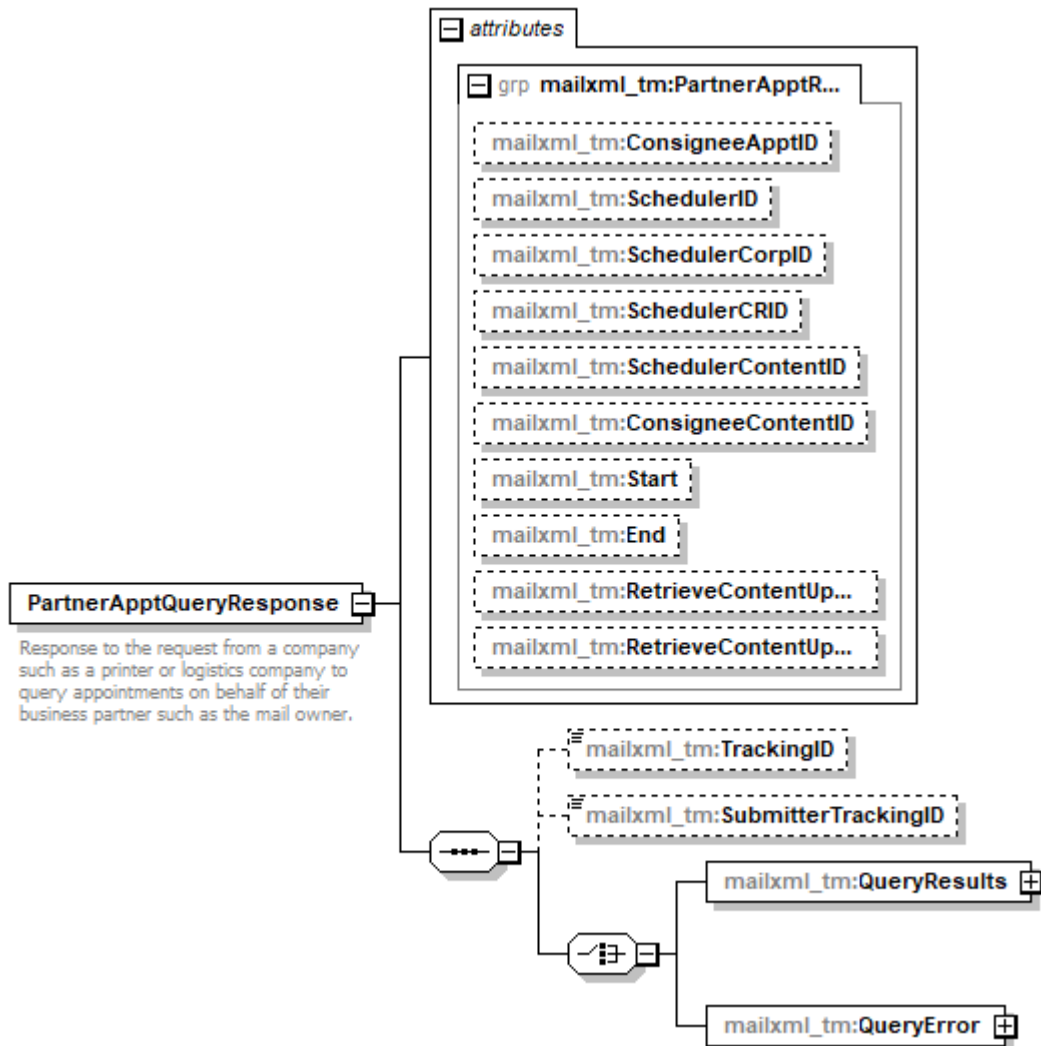
diagram	<p>OpenApptQueryResponse Response to the query request for available delivery appointments.</p> <p>attributes</p> <ul style="list-style-type: none"> grp mailxml_defs:QueryMsgH... mailxml_defs:SchedulerID mailxml_defs:SchedulerCorplD mailxml_defs:ApptType <p>Sequence of optional elements:</p> <ul style="list-style-type: none"> mailxml_tm:TrackingID mailxml_tm:SubmitterTrackingID Choice: <ul style="list-style-type: none"> mailxml_tm:QueryResults mailxml_defs:QueryError Error issued when the query data cannot be provided.
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the query request for available delivery appointments.

element **PartnerApptQueryRequest**

diagram	<p>PartnerApptQueryRequest</p> <p>Request from a company such as a printer or logistics company to query appointments on behalf of their business partner such as the mail owner.</p> <p>attributes</p> <p>grp mailxml_tm:PartnerApptR...</p> <ul style="list-style-type: none"> mailxml_tm:ConsigneeApptID mailxml_tm:SchedulerID mailxml_tm:SchedulerCorplD mailxml_tm:SchedulerCRID mailxml_tm:SchedulerContentID mailxml_tm:ConsigneeContentID mailxml_tm:Start mailxml_tm:End mailxml_tm:RetrieveContentUp... mailxml_tm:RetrieveContentUp... <p>Complex Type</p> <ul style="list-style-type: none"> mailxml_tm:SubmittingParty mailxml_tm:SubmittingSoftware mailxml_tm:SubmitterTrackingID mailxml_tm:ConsigneeFacility
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	<p>documentation</p> <p>Request from a company such as a printer or logistics company to query appointments on behalf of their business partner such as the mail owner.</p>

element **PartnerApptQueryResponse**

diagram



namespace `http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm`

annotation
documentation
Response to the request from a company such as a printer or logistics company to query appointments on behalf of their business partner such as the mail owner.

element **PartnerContentAssignmentRequest**

diagram	<p>PartnerContentAssignmentRe... Request from a users such as owner, preparer, consolidator, scheduler to assign the content to another user</p> <p>attributes</p> <p>grp mailxml_tm:ContentAssig...</p> <ul style="list-style-type: none"> mailxml_tm:SchedulerID mailxml_tm:SchedulerCorpID mailxml_tm:SchedulerCRID mailxml_tm:MailerID6 mailxml_tm:MailerID9 <p>mailxml_tm:SubmittingParty</p> <p>mailxml_tm:SubmittingSoftware</p> <p>mailxml_tm:SubmitterTrackingID</p> <p>mailxml_tm:CurrentPartnerOw...</p> <p>mailxml_tm:PartnerContentAs... 1..∞</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Request from a users such as owner, preparer, consolidator, scheduler to assign the content to another user

element **PartnerContentAssignmentResponse**

diagram	<p>PartnerContentAssignmentRe... Response to the request from a user for assignment of content to other user</p> <p>mailxml_tm:TrackingID</p> <p>mailxml_tm:SubmitterTrackingID</p> <p>mailxml_tm:PartnerContentAs... 1..∞</p> <p>mailxml_tm:PartnerContentAs... 1..∞</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the request from a user for assignment of content to other user

element PickupApptCancelRequest

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Request to cancel a pickup delivery appointment.

element PickupApptCancelResponse

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to a request to cancel a pickup delivery appointment.

element PickupApptCreateRequest

diagram	<p>The diagram shows the structure of the PickupApptCreateRequest element. It is a container element with a description: "Request to create a pickup delivery appointment." The structure includes:</p> <ul style="list-style-type: none"> An attributes group containing: <ul style="list-style-type: none"> A group mailxml_tm:PickupReque... which contains: <ul style="list-style-type: none"> mailxml_tm:ShipperApptReque... (solid box) mailxml_tm:ConsigneeApptID (dashed box) mailxml_tm:SchedulerCorpID (solid box) mailxml_tm:SchedulerID (solid box) mailxml_tm:ApptType (dashed box) mailxml_tm:IncludesElectronicL... (dashed box) A sequence of five child elements: <ul style="list-style-type: none"> mailxml_tm:SubmittingParty (solid box) mailxml_tm:SubmittingSoftware (solid box) mailxml_tm:SubmitterTrackingID (dashed box) mailxml_tm:ApptBlock (solid box) mailxml_tm:DetailInfo (solid box) with a cardinality of 1..∞.
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Request to create a pickup delivery appointment.

element PickupApptCreateResponse

diagram	<p>The diagram shows the structure of the PickupApptCreateResponse element. It is a container element with a description: "Response to a request to create a pickup delivery appointment." The structure includes:</p> <ul style="list-style-type: none"> A sequence of three child elements: <ul style="list-style-type: none"> mailxml_tm:TrackingID (dashed box) mailxml_tm:SubmitterTrackingID (dashed box) A choice element containing: <ul style="list-style-type: none"> mailxml_tm:PickupApptCreate... (solid box) mailxml_tm:PickupApptCreate... (solid box)
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to a request to create a pickup delivery appointment.

element PickupApptUpdateRequest

diagram	<p>The diagram shows the structure of the PickupApptUpdateRequest element. It is a container for several components:</p> <ul style="list-style-type: none"> An attributes group containing: <ul style="list-style-type: none"> A grp mailxml_tm:PickupRespo... group containing: <ul style="list-style-type: none"> mailxml_tm:ShipperApptReque... mailxml_tm:ConsigneeApptID mailxml_tm:SchedulerCorplD mailxml_tm:SchedulerID mailxml_tm:ApptType (indicated as optional with a dashed border) A sequence container (octagon with three dots) containing: <ul style="list-style-type: none"> mailxml_tm:SubmittingParty (required, indicated with a solid border and a plus icon) mailxml_tm:SubmittingSoftware (required, indicated with a solid border and a plus icon) mailxml_tm:SubmitterTrackingID (optional, indicated with a dashed border and a plus icon) mailxml_tm:ApptBlock (required, indicated with a solid border and a plus icon) mailxml_tm:DetailInfo (required, indicated with a solid border and a plus icon) <p>The cardinality for the sequence container is 1..∞.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Request to update a pickup delivery appointment.

element PickupApptUpdateResponse

diagram	<p>The diagram shows the structure of the PickupApptUpdateResponse element. It is a container for several components:</p> <ul style="list-style-type: none"> A sequence container (octagon with three dots) containing: <ul style="list-style-type: none"> mailxml_tm:TrackingID (optional, indicated with a dashed border and a plus icon) mailxml_tm:SubmitterTrackingID (optional, indicated with a dashed border and a plus icon) A choice container (octagon with a plus icon) containing: <ul style="list-style-type: none"> mailxml_tm:PickupApptUpdate... (required, indicated with a solid border and a plus icon) mailxml_tm:PickupApptUpdate... (required, indicated with a solid border and a plus icon)
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to a request to update a pickup delivery appointment.

element **RecurringApptQueryRequest**

diagram	<p>RecurringApptQueryRequest Query request for recurring appointment information.</p> <p>attributes</p> <ul style="list-style-type: none"> grp mailxml_tm:RecurringApp... <ul style="list-style-type: none"> mailxml_tm:CreatorSchedulerID mailxml_tm:CreatorSchedulerC... mailxml_tm:CreatorSchedulerC... mailxml_tm:RecurringApptStatus mailxml_tm:RecurringApptID mailxml_tm:RetrieveContentUp... mailxml_tm:RetrieveContentUp... <p>choice</p> <ul style="list-style-type: none"> mailxml_tm:SubmittingParty mailxml_tm:SubmittingSoftware mailxml_tm:SubmitterTrackingID mailxml_tm:ConsigneeFacility <p>0..∞</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Query request for recurring appointment information.

element **RecurringApptQueryResponse**

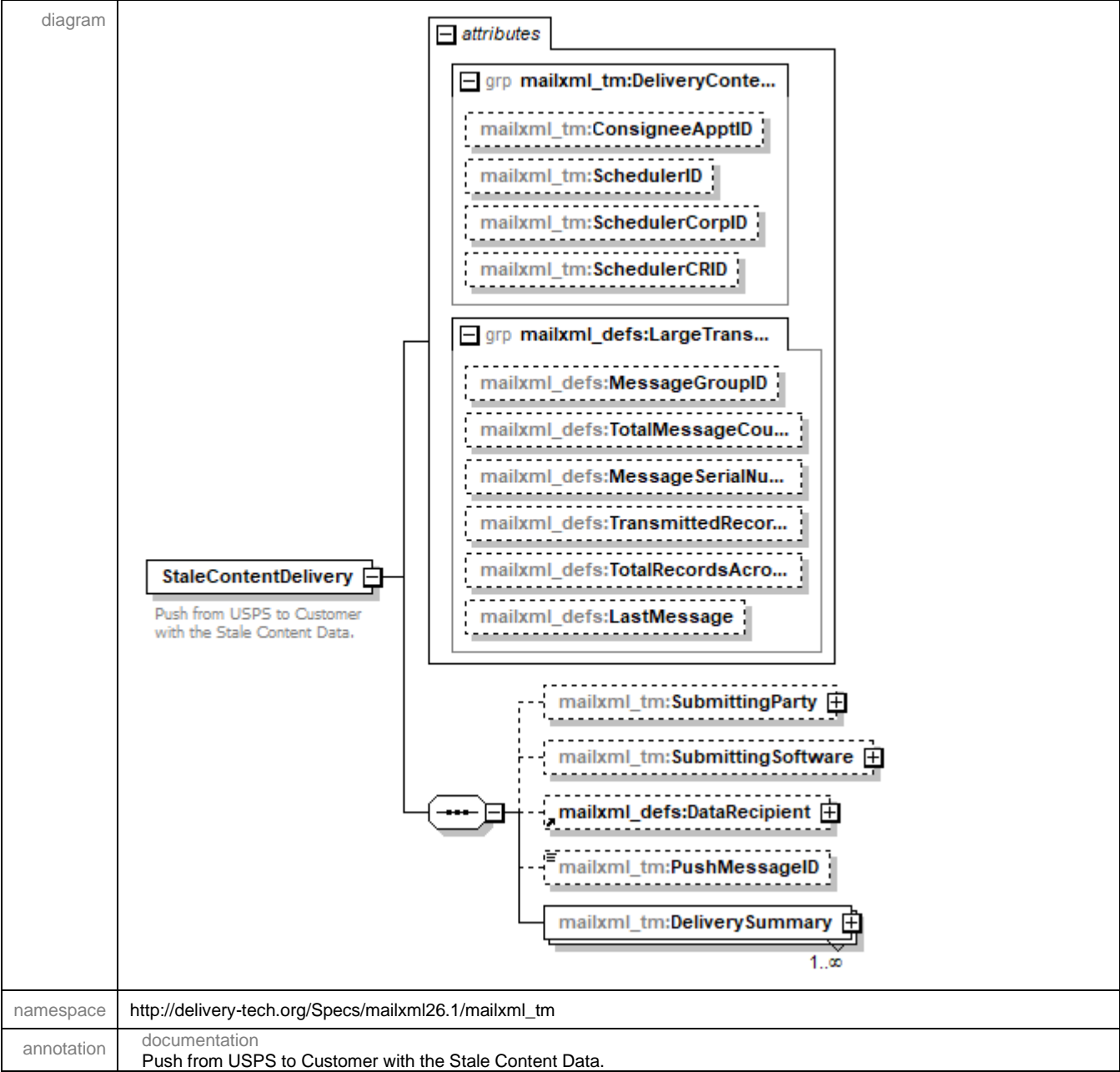
diagram	<p>RecurringApptQueryResponse Response to the query for recurring appointment information.</p> <p>choice</p> <ul style="list-style-type: none"> mailxml_tm:TrackingID mailxml_tm:SubmitterTrackingID choice <ul style="list-style-type: none"> mailxml_tm:QueryResults mailxml_tm:QueryError
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response to the query for recurring appointment information.

element **ScheduledAppt**

diagram	<p>ScheduledAppt</p>
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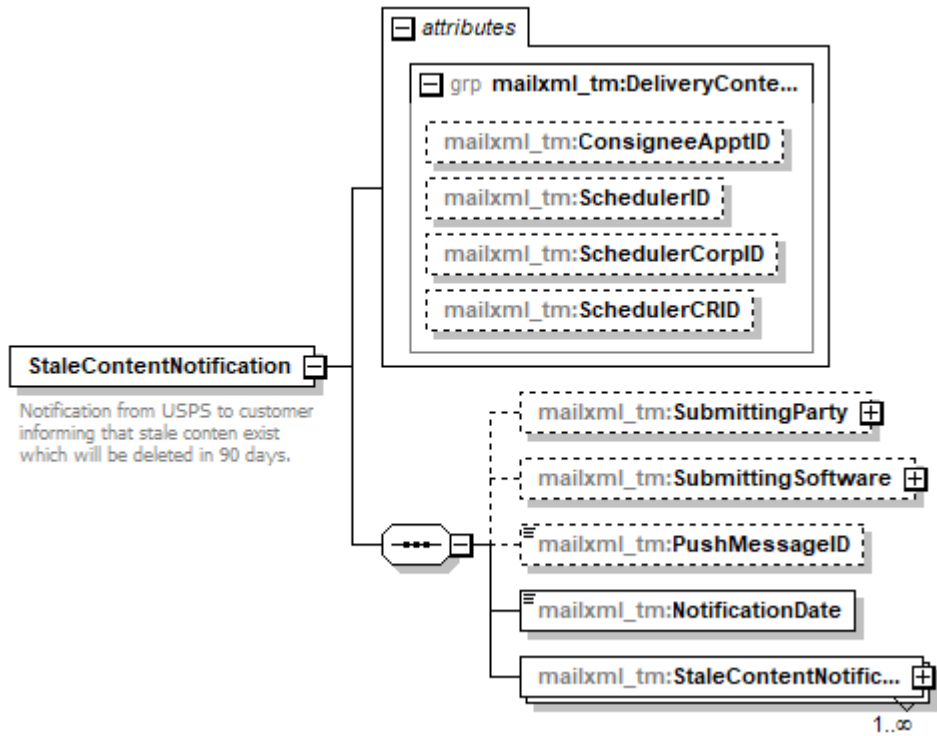
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	xs:dateTime

element **StaleContentDelivery**



element **StaleContentNotification**

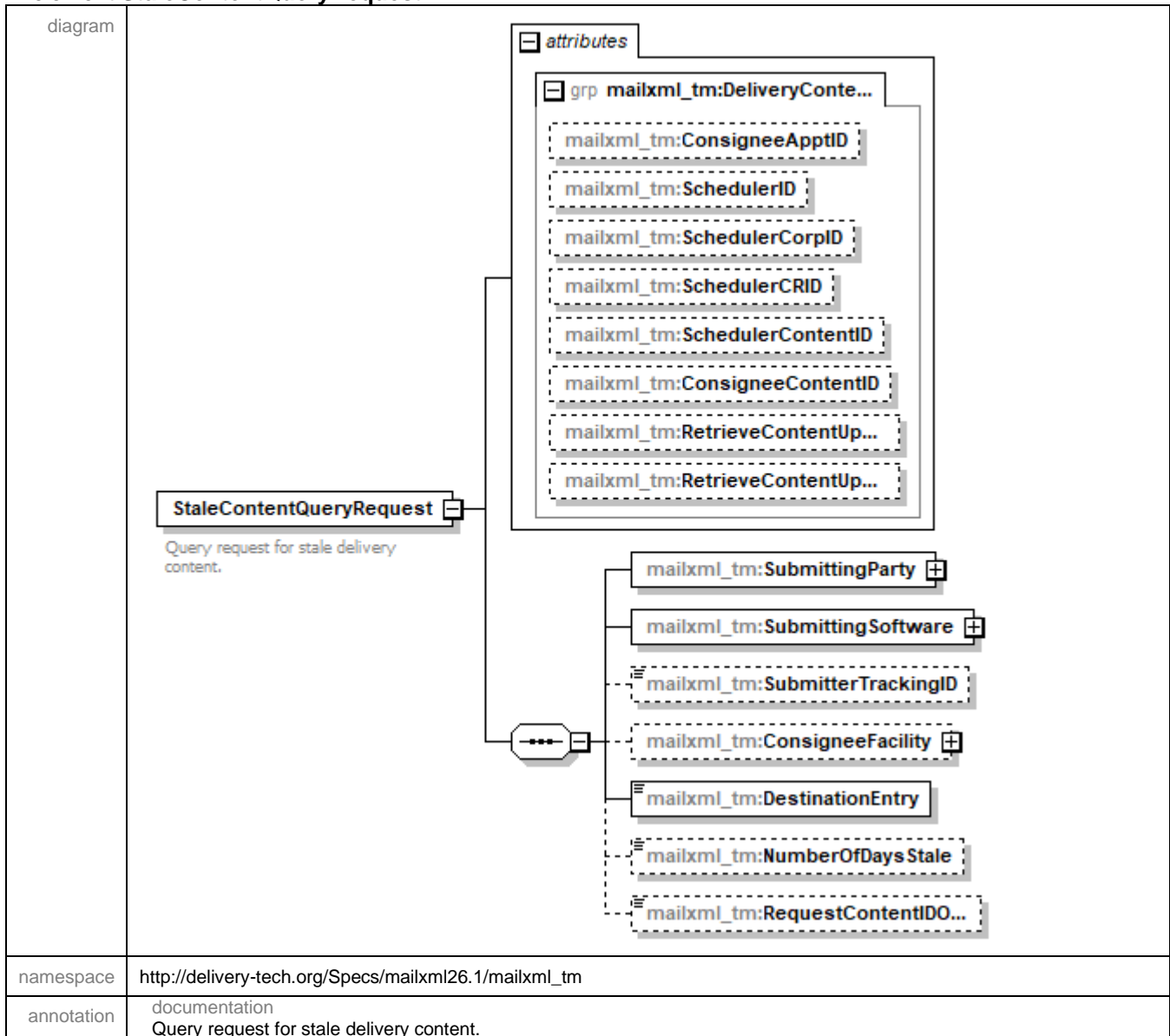
diagram



namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

annotation
documentation
Notification from USPS to customer informing that stale conten exist which will be deleted in 90 days.

element **StaleContentQueryRequest**



element **StaleContentQueryResponse**

diagram

StaleContentQueryResponse

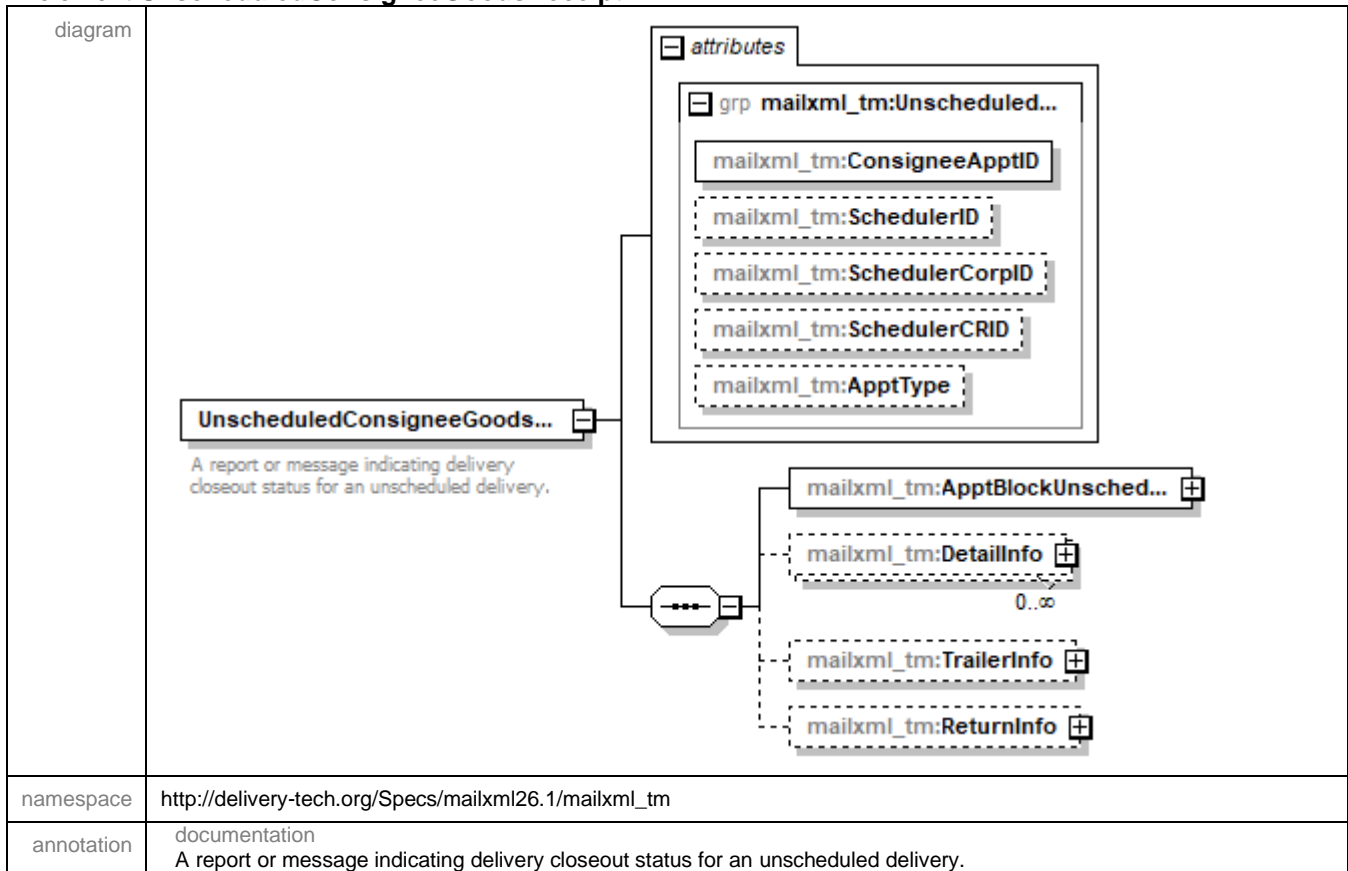
Response to the Query request for stale delivery content.



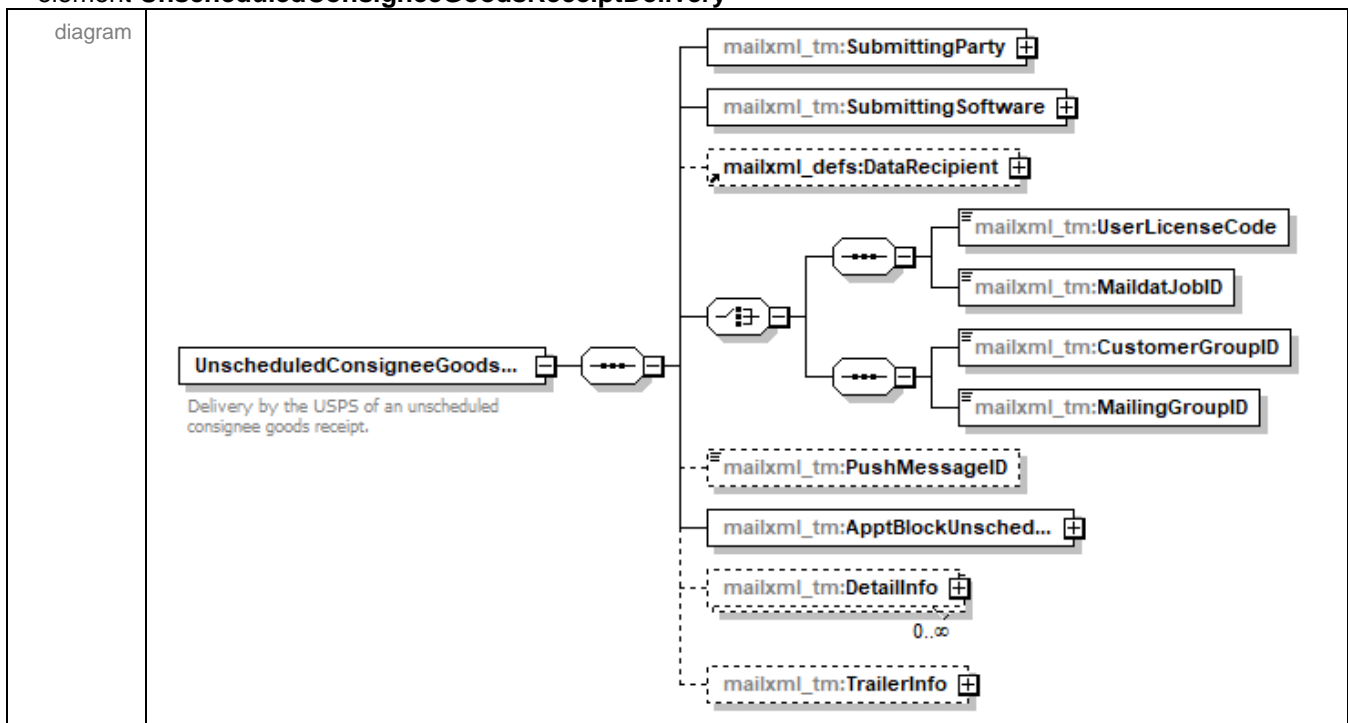
namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

annotation
documentation
Response to the Query request for stale delivery content.

element **UnscheduledConsigneeGoodsReceipt**



element **UnscheduledConsigneeGoodsReceiptDelivery**



namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Delivery by the USPS of an unscheduled consignee goods receipt.

element **UnscheduledConsigneeGoodsReceiptNotification**

diagram	<p>The diagram illustrates the structure of the UnscheduledConsigneeGoodsReceiptNotification element. It is a container element (rectangle with a small square icon) that contains a sequence of elements (indicated by a dashed line with three dots). The sequence includes:</p> <ul style="list-style-type: none">mailxml_tm:SubmittingParty (rectangle with a small square icon)mailxml_tm:SubmittingSoftware (rectangle with a small square icon)mailxml_tm:CRID (dashed rectangle)mailxml_tm:PushMessageID (dashed rectangle)A choice element (octagon with a small square icon) containing two alternative elements:<ul style="list-style-type: none">mailxml_tm:UserLicenseCode (rectangle with a small square icon)mailxml_tm:MaildatJobID (rectangle with a small square icon)A choice element (octagon with a small square icon) containing two alternative elements:<ul style="list-style-type: none">mailxml_tm:CustomerGroupID (rectangle with a small square icon)mailxml_tm:MailingGroupID (rectangle with a small square icon)mailxml_tm:NotificationDate (rectangle with a small square icon)
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Notification by USPS that an unscheduled consignee goods receipt is ready for pickup.

element **USPSDeliveryContentUpdatedDelivery**

diagram	<p>The diagram shows the structure of the USPSDeliveryContentUpdatedDelivery element. It is a container element with a box icon. Inside, there is a group of attributes labeled attributes. Within this group, there is a sub-group labeled grp mailxml_defs:LargeTrans... which contains six attributes: mailxml_defs:MessageGroupID, mailxml_defs:TotalMessageCou..., mailxml_defs:MessageSerialNu..., mailxml_defs:TransmittedRecor..., mailxml_defs:TotalRecordsAcro..., and mailxml_defs:LastMessage. Below the attributes group, there is a sequence of five elements: mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, mailxml_defs:DataRecipient, mailxml_tm:PushMessageID, and mailxml_tm:DeliveryContentUp.... The mailxml_tm:DeliveryContentUp... element is the final child and has a cardinality of 1..∞.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Delivery of content update information by USPS.

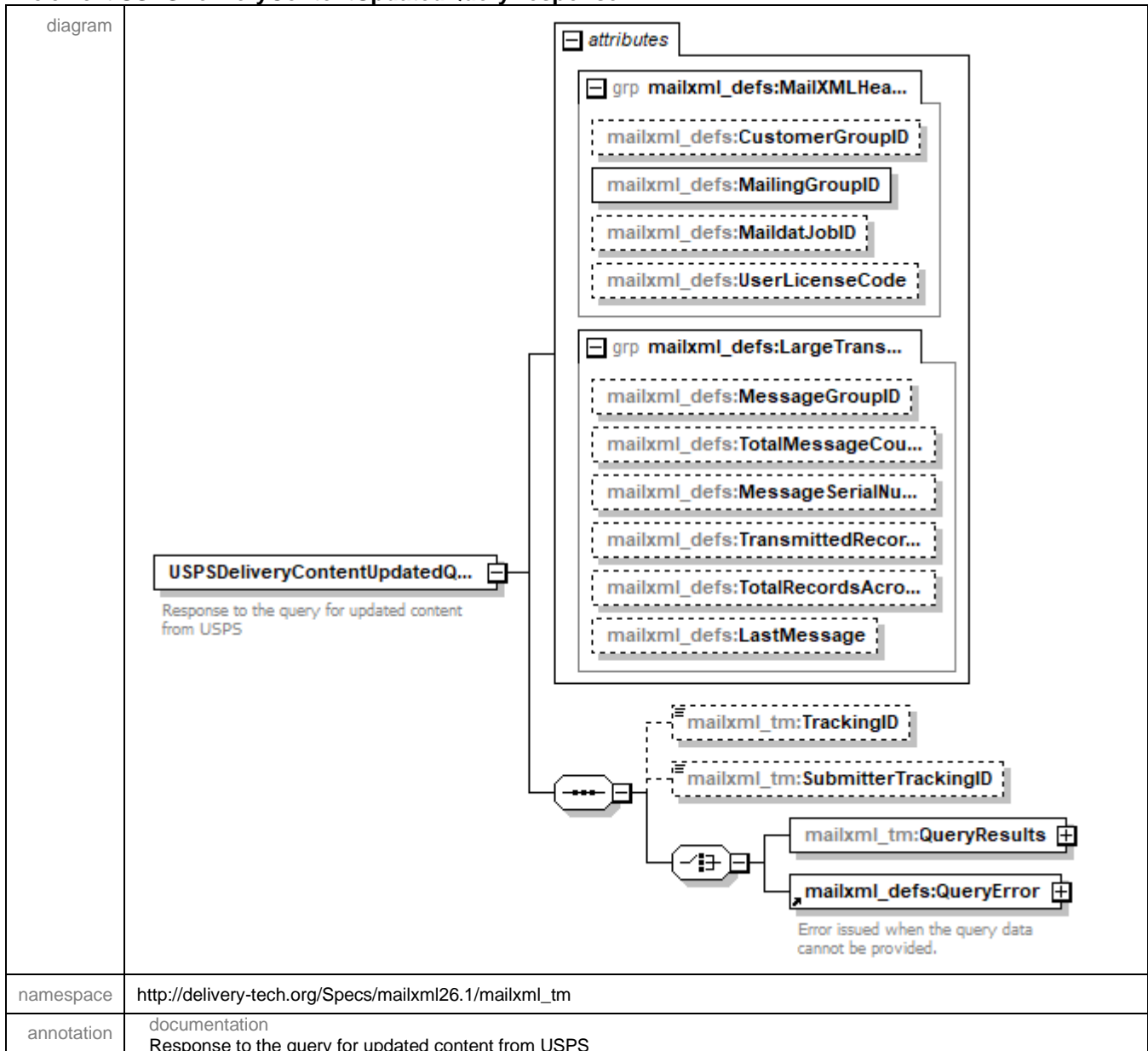
element **USPSDeliveryContentUpdatedNotification**

diagram	<p>The diagram shows the structure of the USPSDeliveryContentUpdatedNotification element. It is a container element with a box icon. Inside, there is a sequence of five elements: mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, mailxml_defs:DataRecipient, mailxml_tm:PushMessageID, and mailxml_tm:NotificationDate. Below these, there is a final element mailxml_tm:NotificationSummary with a cardinality of 1..∞.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Notification from USPS to Mailer/Preparer/Consolidator that mailing content has been changed.

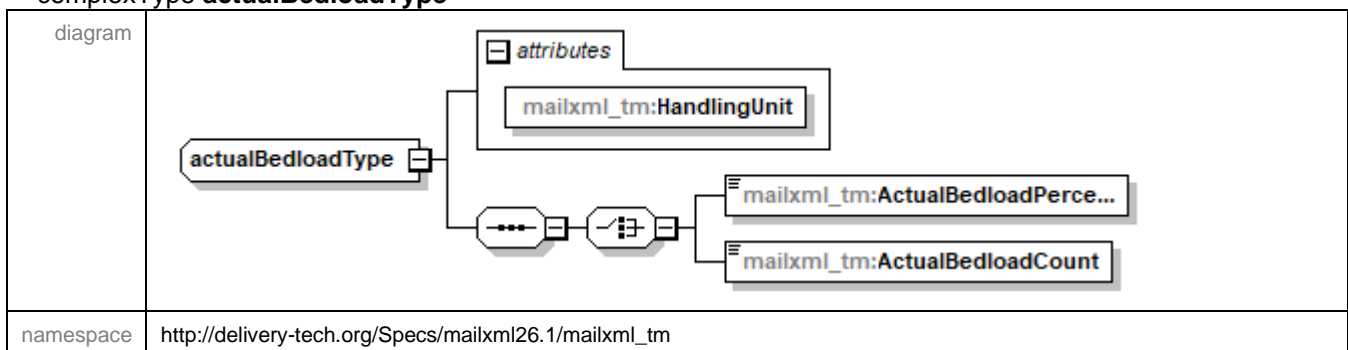
element **USPSDeliveryContentUpdatedQueryRequest**

diagram	<p>The diagram illustrates the structure of the USPSDeliveryContentUpdatedQueryRequest element. It is a complex type with the following components:</p> <ul style="list-style-type: none"> Attributes: A group of attributes defined in the <code>mailxml_defs</code> namespace, including <code>CustomerGroupID</code>, <code>MailingGroupID</code>, <code>MaidatJobID</code>, and <code>UserLicenseCode</code>. Content: A sequence of elements defined in the <code>mailxml_tm</code> namespace: <ul style="list-style-type: none"> <code>SubmittingParty</code> (required, 1 occurrence) <code>SubmittingSoftware</code> (required, 1 occurrence) <code>SubmitterTrackingID</code> (optional, 1 occurrence) <code>DestinationEntry</code> (required, 1 occurrence) <code>USPSDeliveryContentUpdatedQueryRequest</code> (required, 1..∞ occurrences)
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	<p>documentation</p> <p>Query request for updated content from USPS</p>

element USPSDeliveryContentUpdatedQueryResponse



complexType actualBedloadType



complexType actualPalletType

diagram	<pre> <complexType base="basePalletType" name="actualPalletType"> <attribute name="HandlingUnit" type="string" namespace="http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm"/> <attribute name="ActualPalletCount" type="integer" namespace="http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm"/> </complexType> </pre>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType allDeliveryApptCloseoutAcceptType

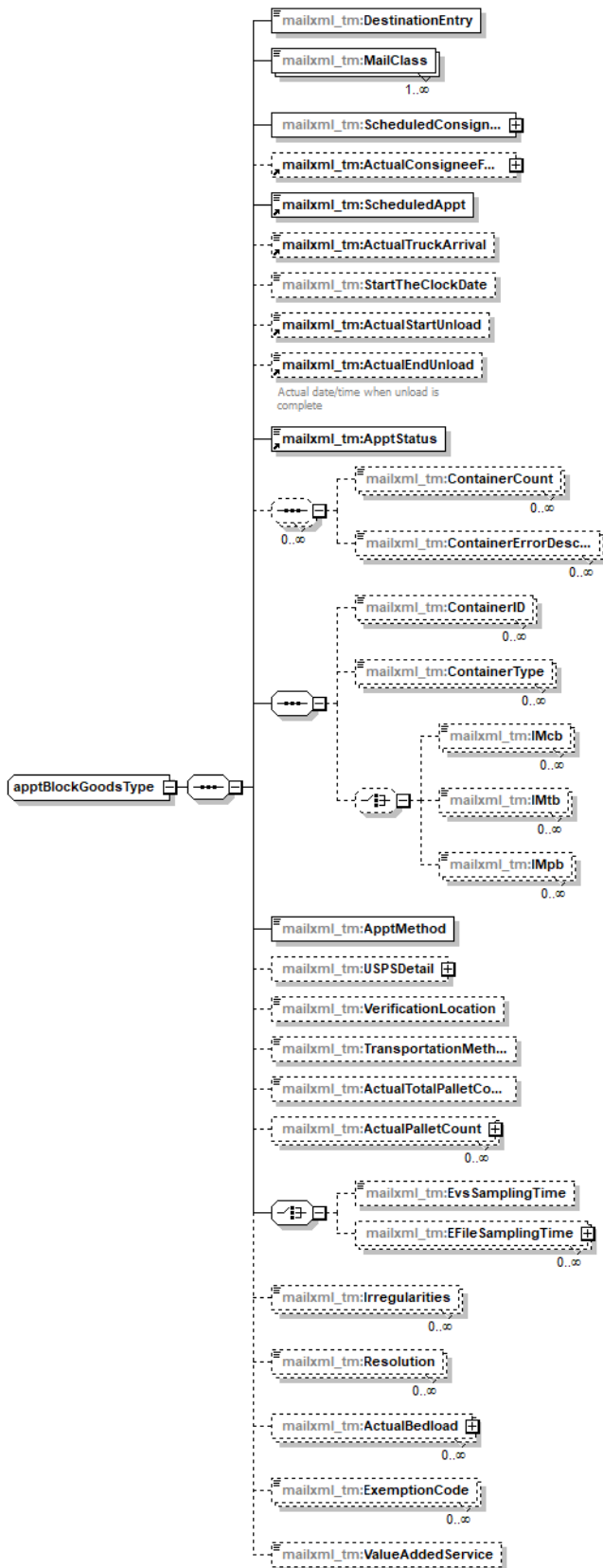
diagram	<pre> <complexType name="allDeliveryApptCloseoutAcceptType"> <attribute name="CloseoutResponseID" type="string" namespace="http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm"/> <attribute name="CreatorSchedulerC..." type="string" namespace="http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm"/> <attribute name="CreatorSchedulerID" type="string" namespace="http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm"/> <attribute name="CreatorSchedulerC..." type="string" namespace="http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm"/> <element name="ConsigneeGoodsR..." type="string" namespace="http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm" minOccurs="0" maxOccurs="∞"/> <element name="UnscheduledConsi..." type="string" namespace="http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm" minOccurs="0" maxOccurs="∞"/> </complexType> </pre> <p>Response indicating that all delivery appointments have been closed.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Response indicating that all delivery appointments have been closed.

complexType **AppointmentInfoType**

diagram	<pre> xsd:element name="AppointmentInfoType" type="AppointmentInfoType"> <xsd:sequence> <xsd:element base="xsd:string" name="ConsigneeApptID" type="string"></xsd:element> <xsd:element base="xsd:dateTime" name="AppointmentDate" type="dateTime"></xsd:element> <xsd:element base="xsd:string" name="ApptType" type="string"></xsd:element> <xsd:element base="xsd:string" name="ConsigneeFacility" type="string"></xsd:element> <xsd:element base="xsd:string" name="SchedulerID" type="string"></xsd:element> <xsd:element base="xsd:string" name="SchedulerCRID" type="string"></xsd:element> </xsd:sequence> </pre>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType apptBlockGoodsType

diagram

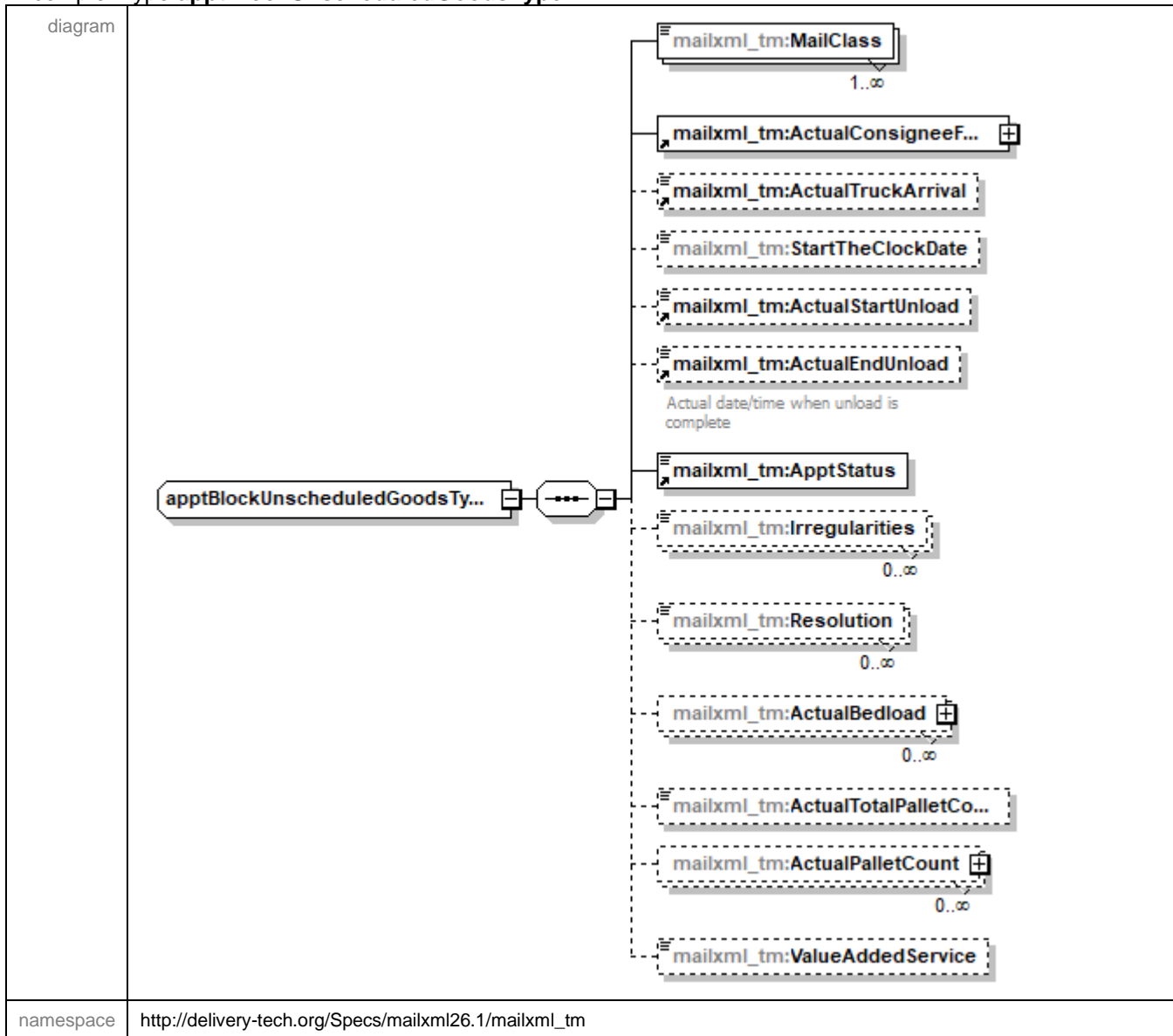


namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
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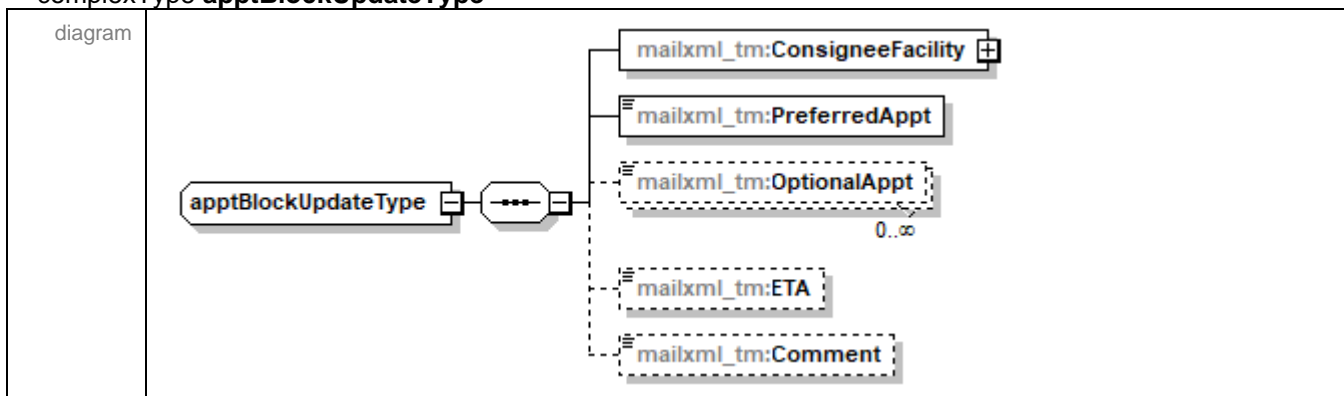
complexType **apptBlockRequestType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **apptBlockUnscheduledGoodsType**



complexType **apptBlockUpdateType**



namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
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complexType **apptCloseoutDetailType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **apptCloseoutNotAvailableResponseType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **apptCloseoutResponseType**

diagram	
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namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
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complexType **apptInfoType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **availableApptType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **availableHourType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType availableSlotType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType bedloadHandlingUnitType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType bedloadUnitType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType carrierType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

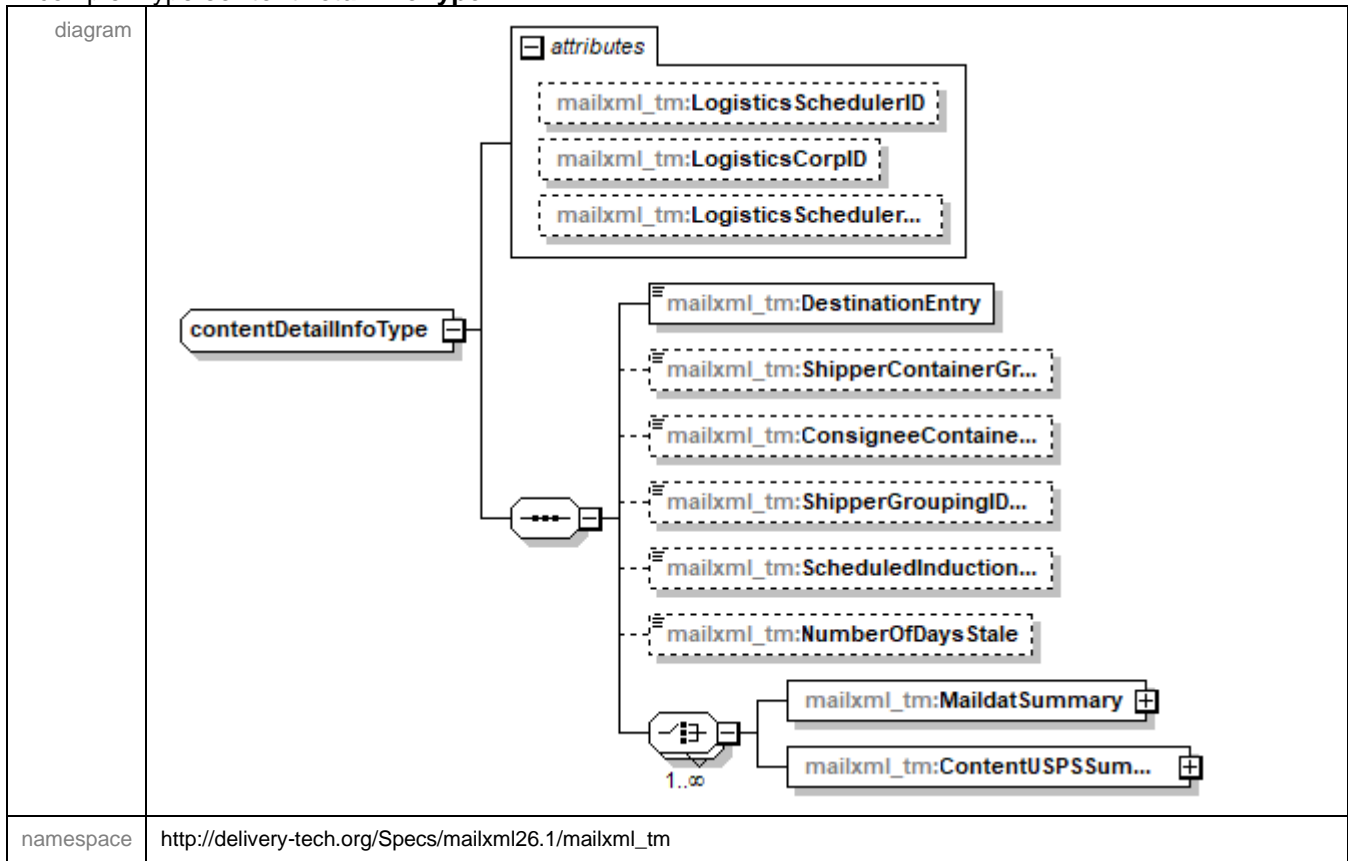
complexType containerInductionInfoType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

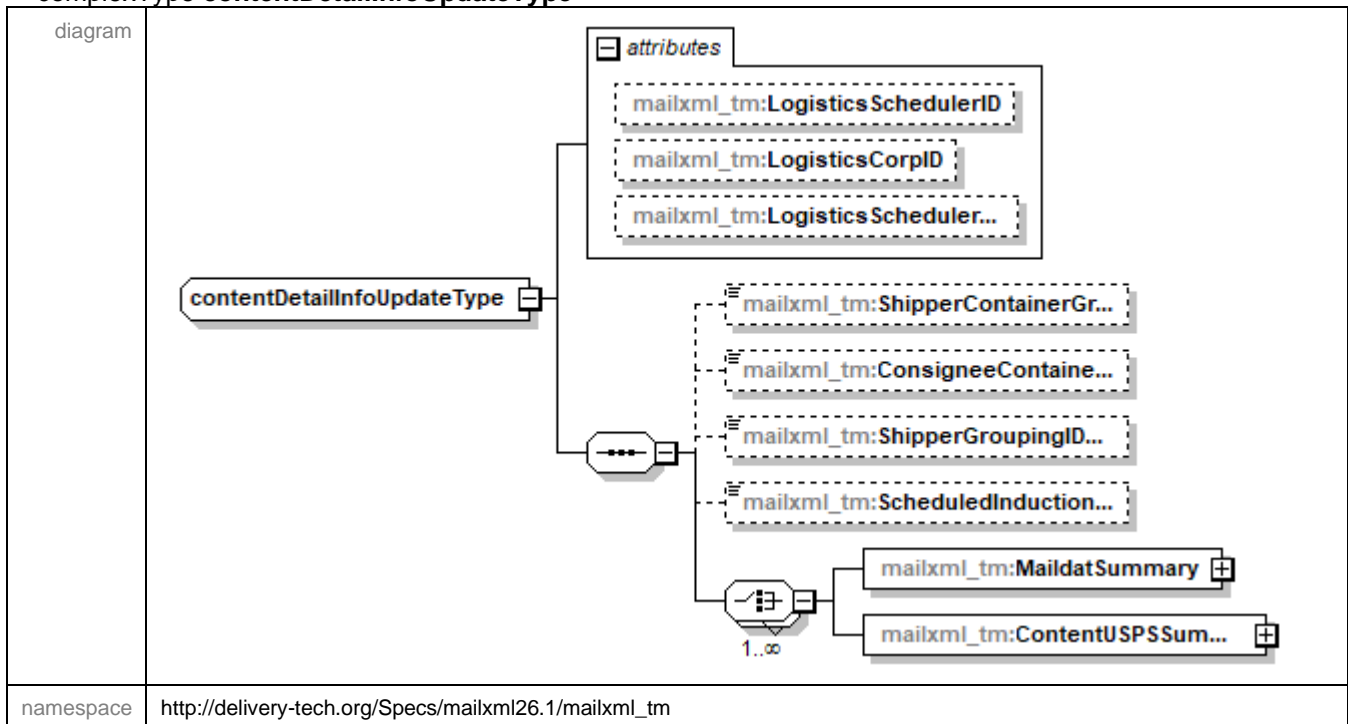
complexType contentCancelType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType contentDetailInfoType

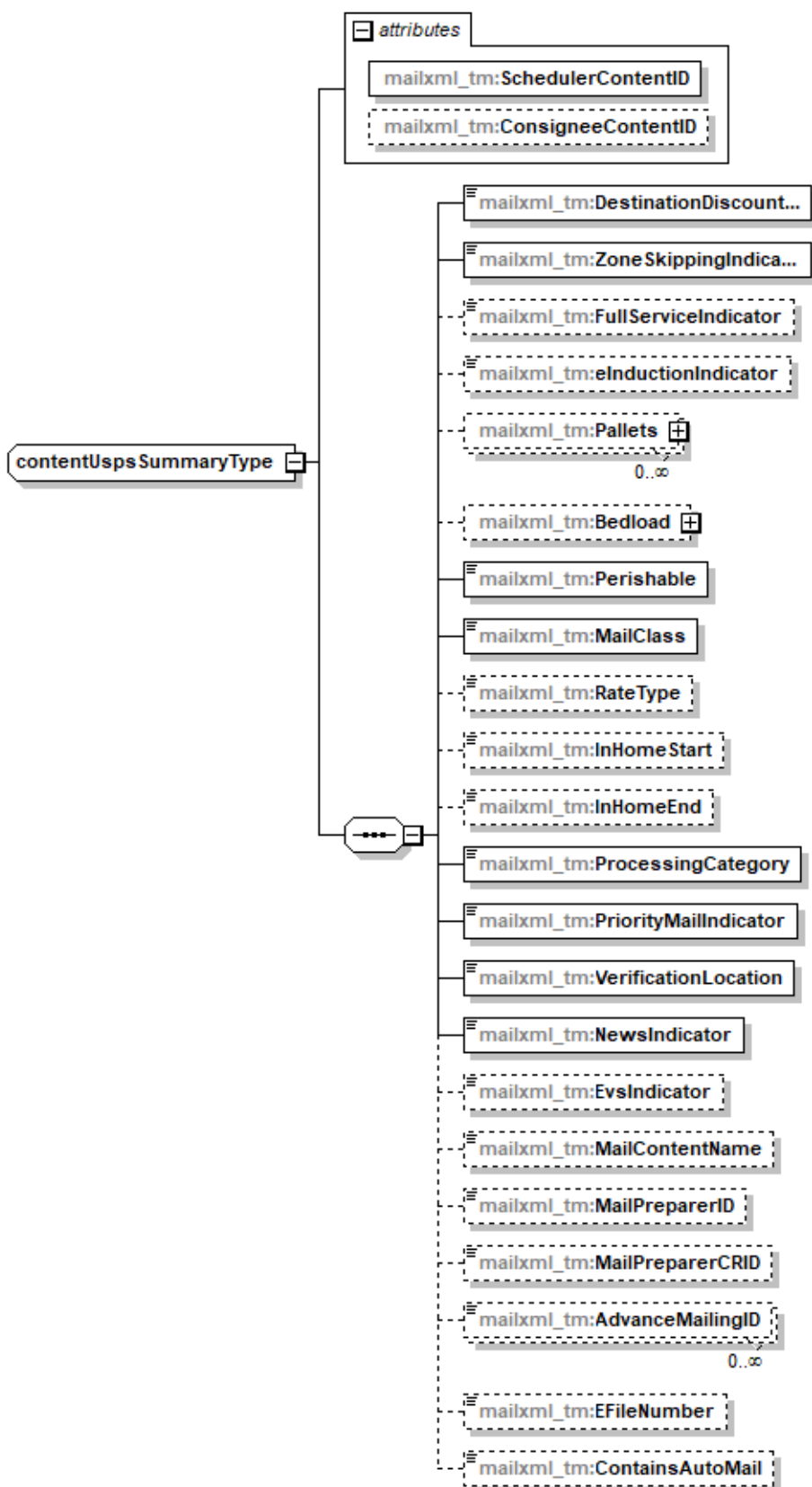


complexType contentDetailInfoUpdateType



complexType **contentUspsSummaryType**

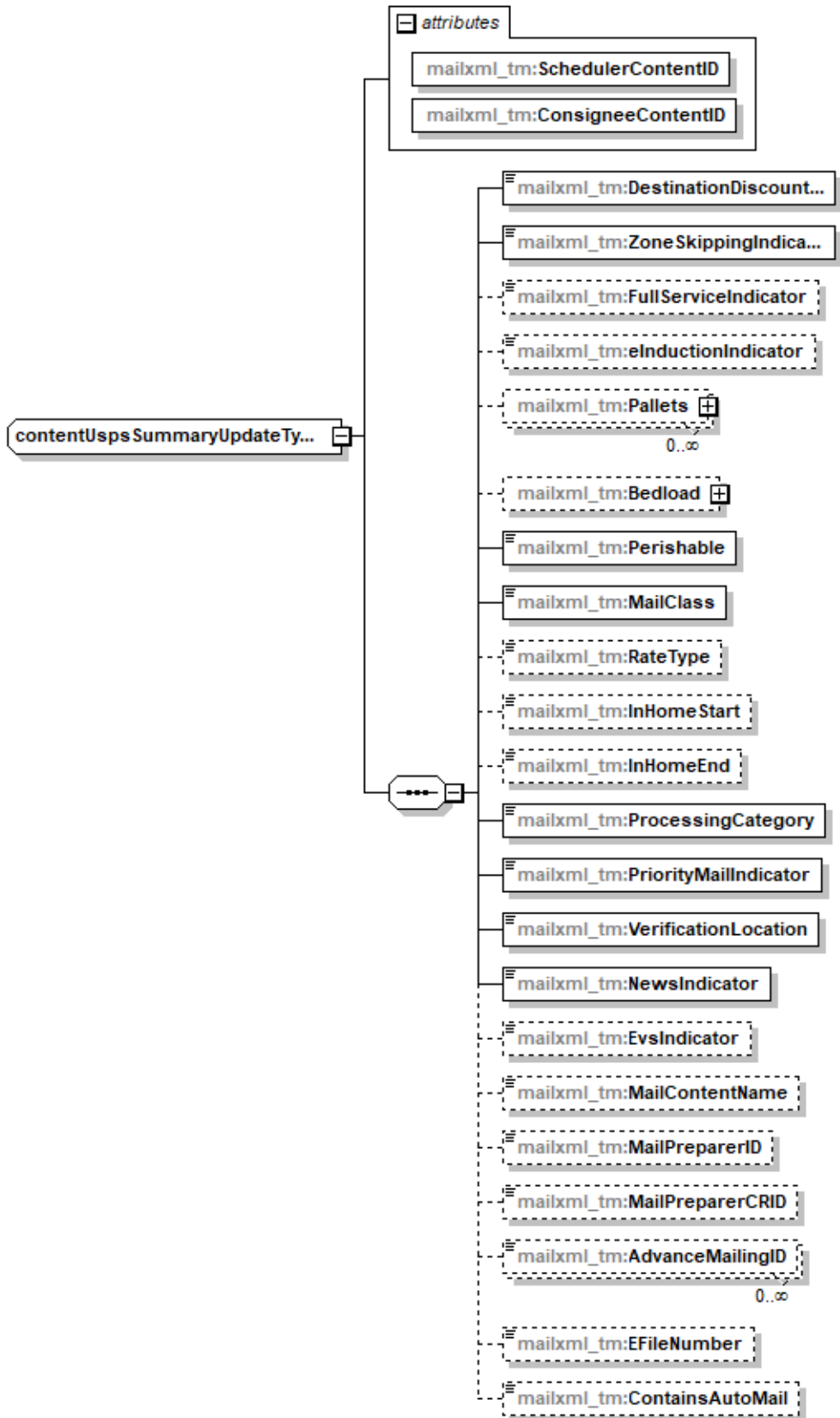
diagram



namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
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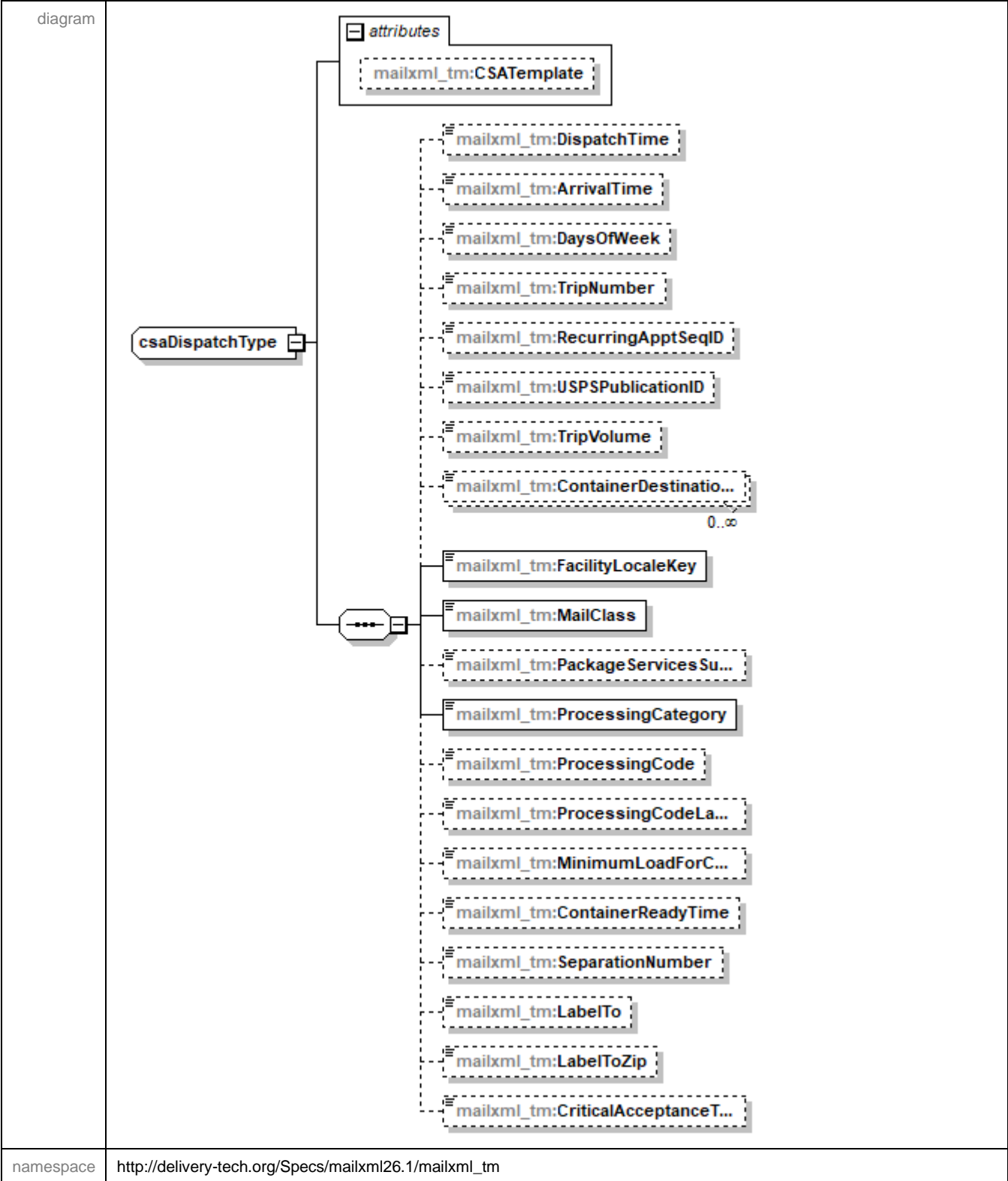
complexType **contentUspsSummaryUpdateType**

diagram

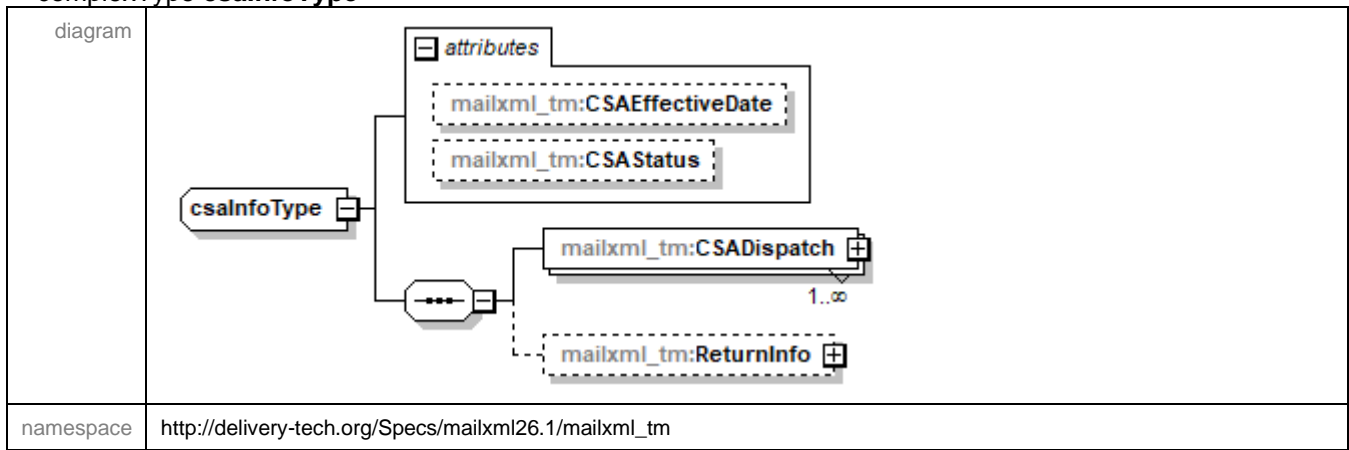


namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
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complexType csaDispatchType

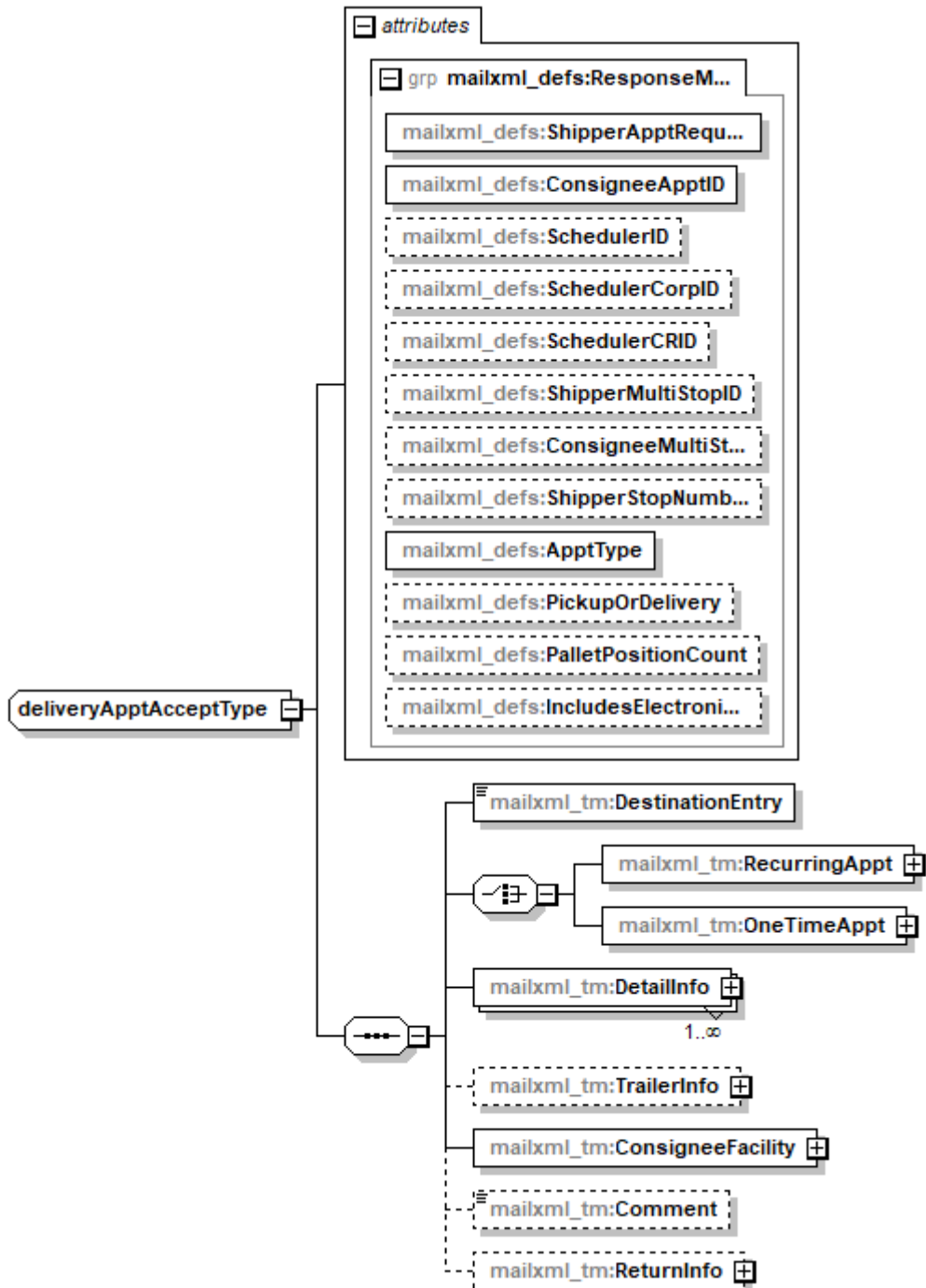


complexType **csaInfoType**



complexType deliveryApptAcceptType

diagram



namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **deliveryApptContentRemoveAcceptType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **deliveryApptContentRemoveRejectType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **deliveryApptRejectType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

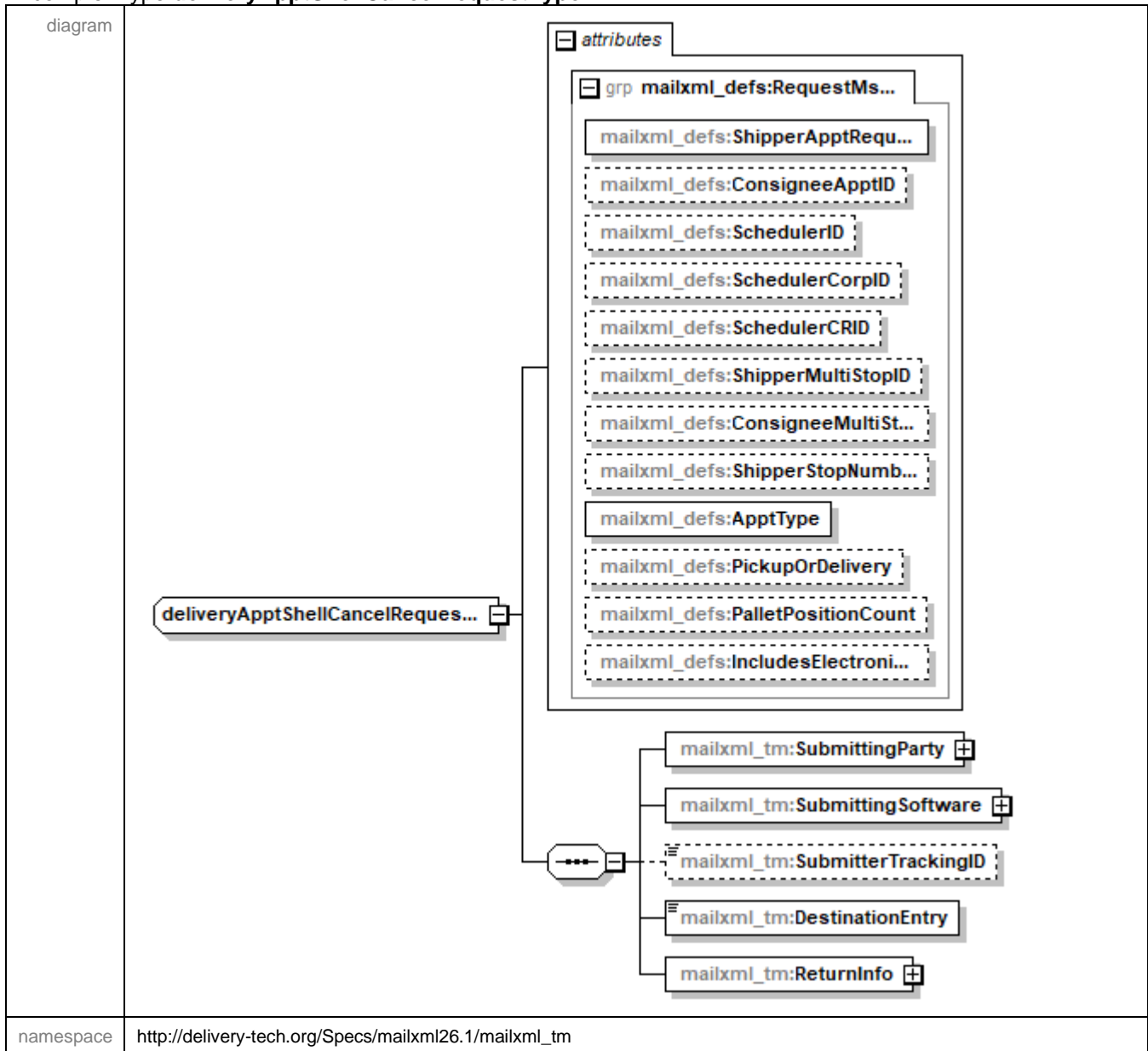
complexType **deliveryApptShellAcceptType**

diagram

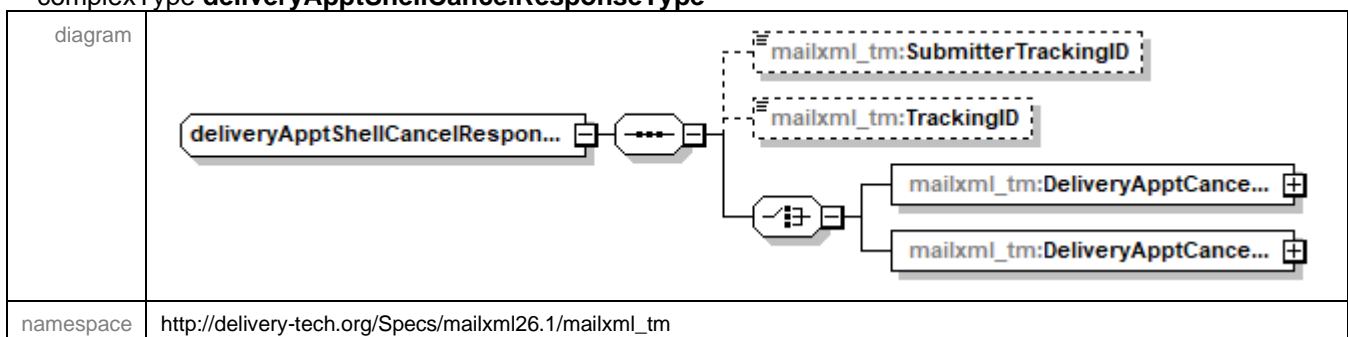


namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

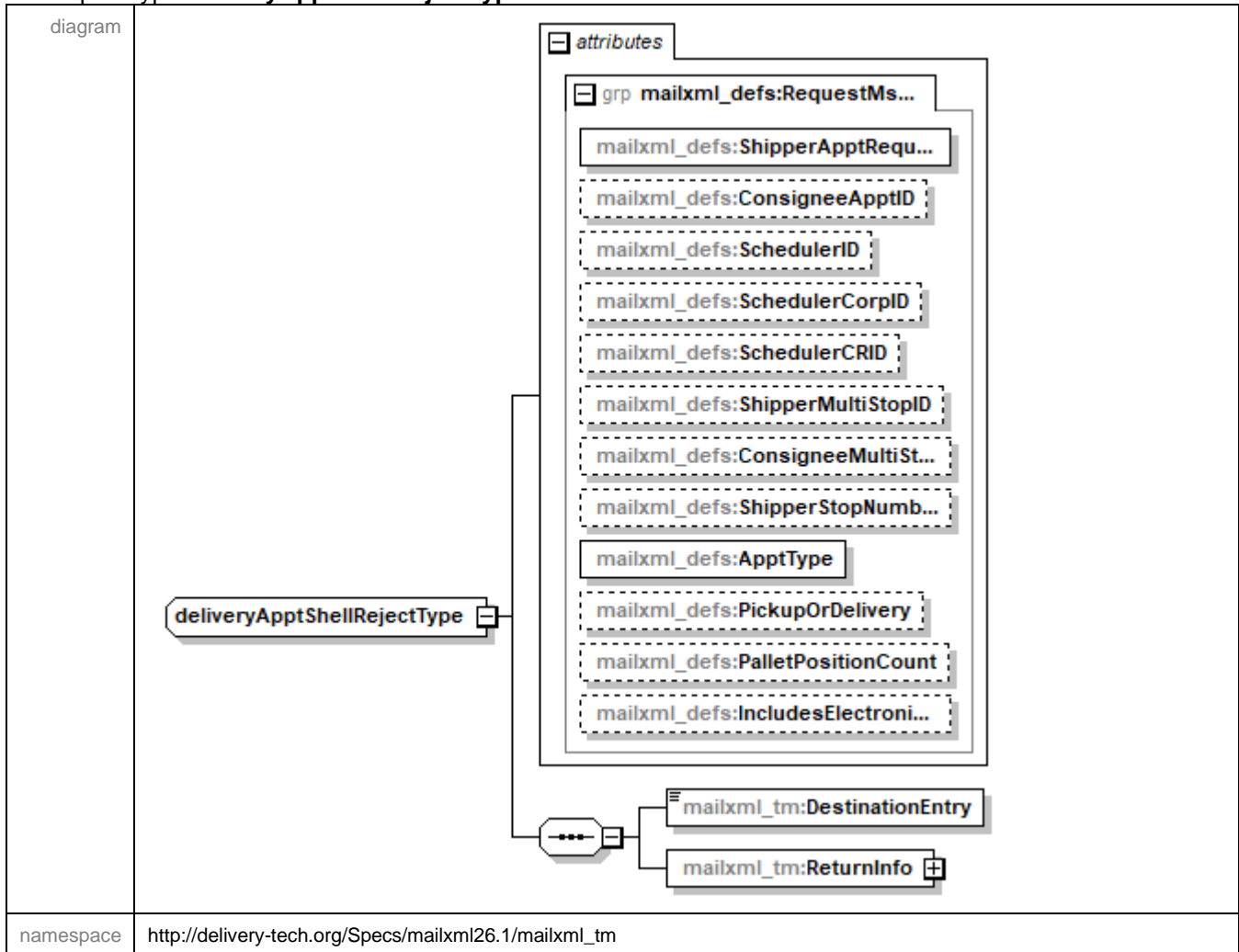
complexType deliveryApptShellCancelRequestType



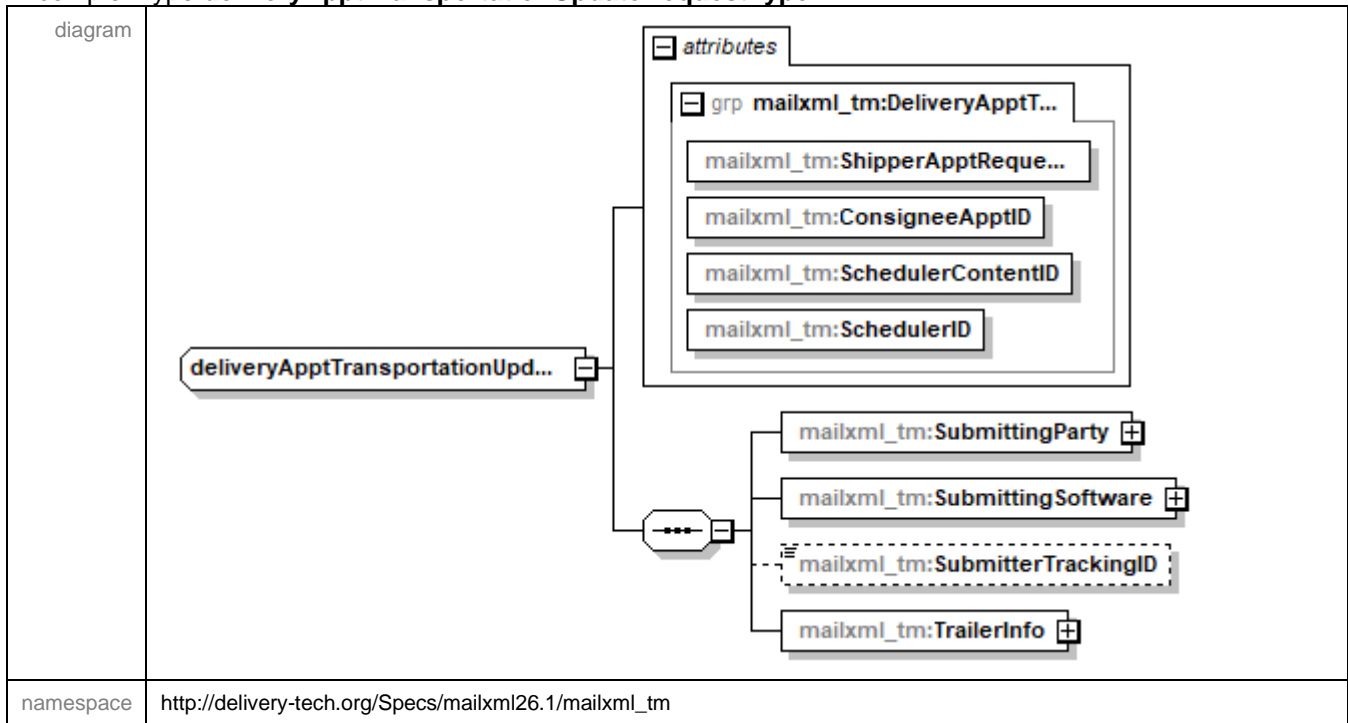
complexType deliveryApptShellCancelResponseType



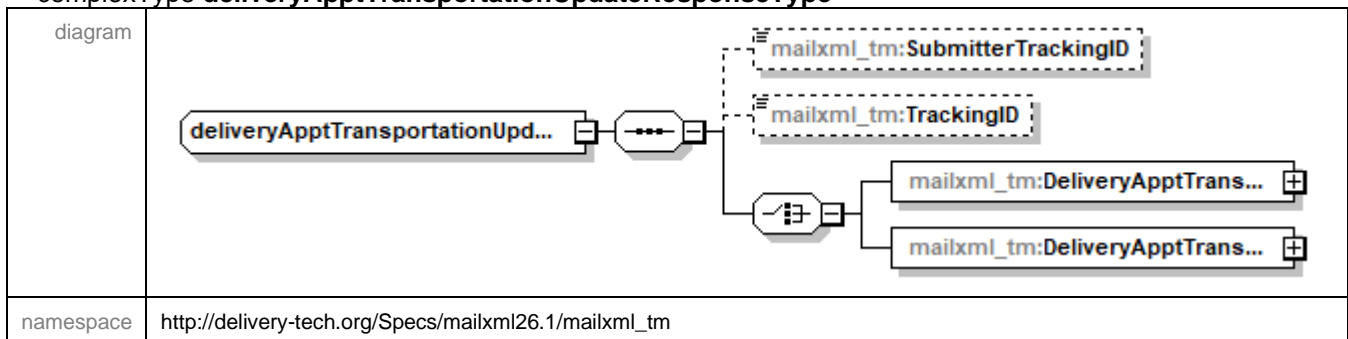
complexType **deliveryApptShellRejectType**



complexType **deliveryApptTransportationUpdateRequestType**

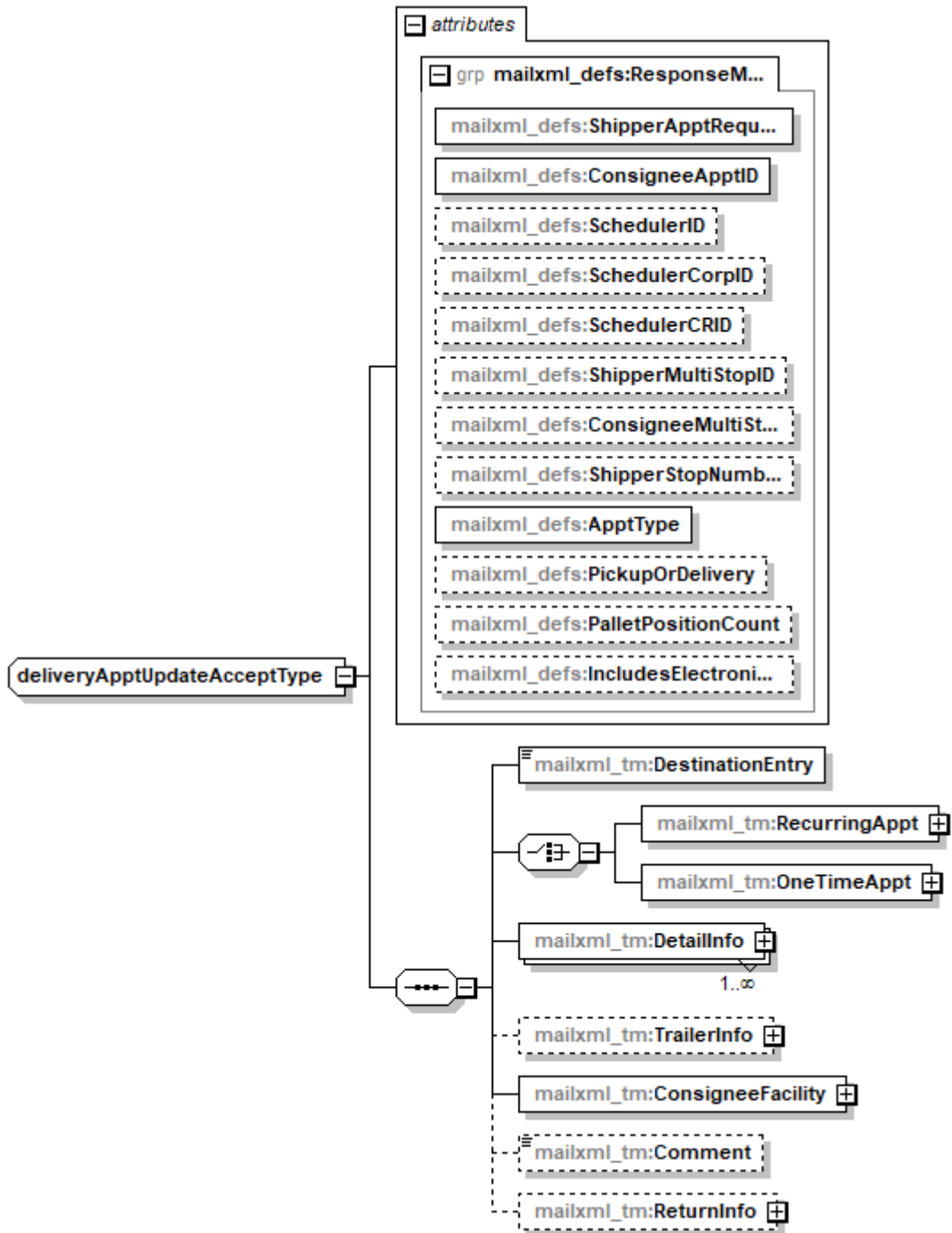


complexType **deliveryApptTransportationUpdateResponseType**



complexType **deliveryApptUpdateAcceptType**

diagram

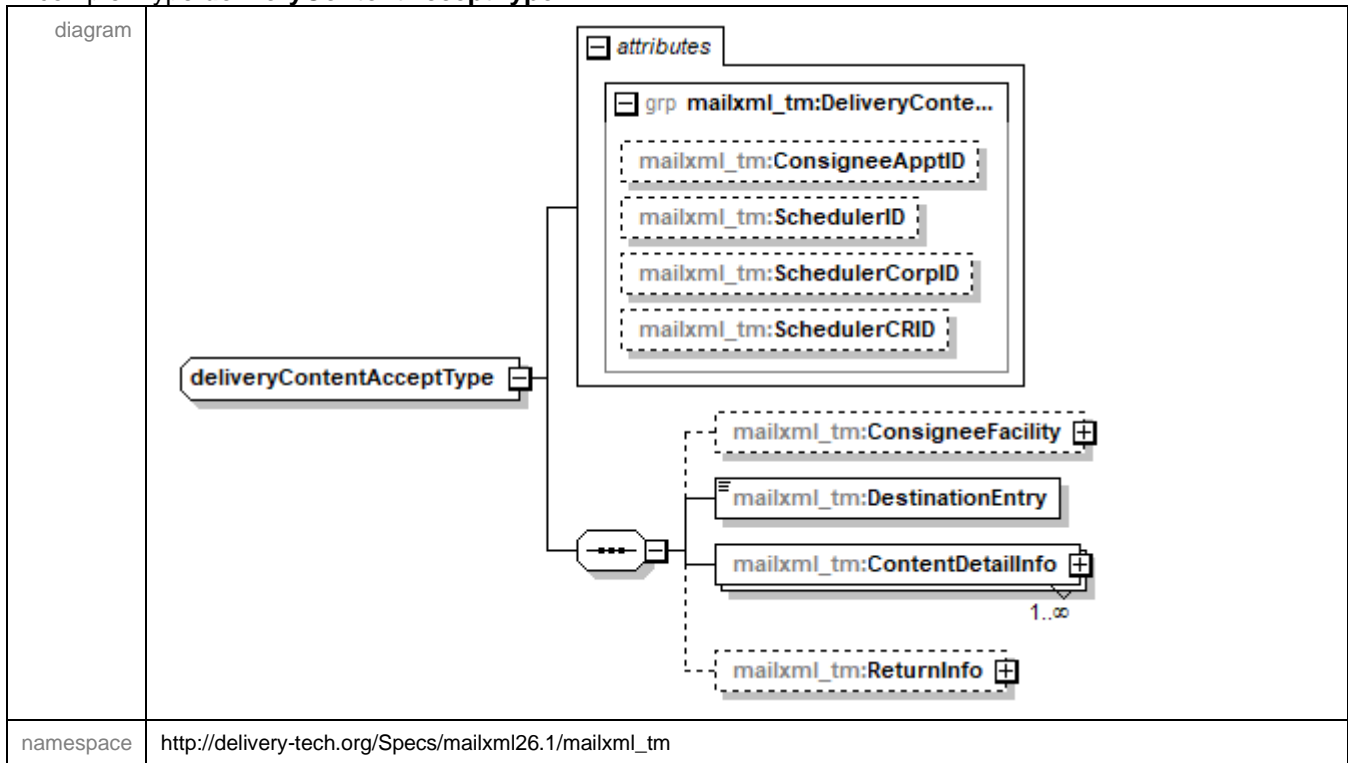


namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

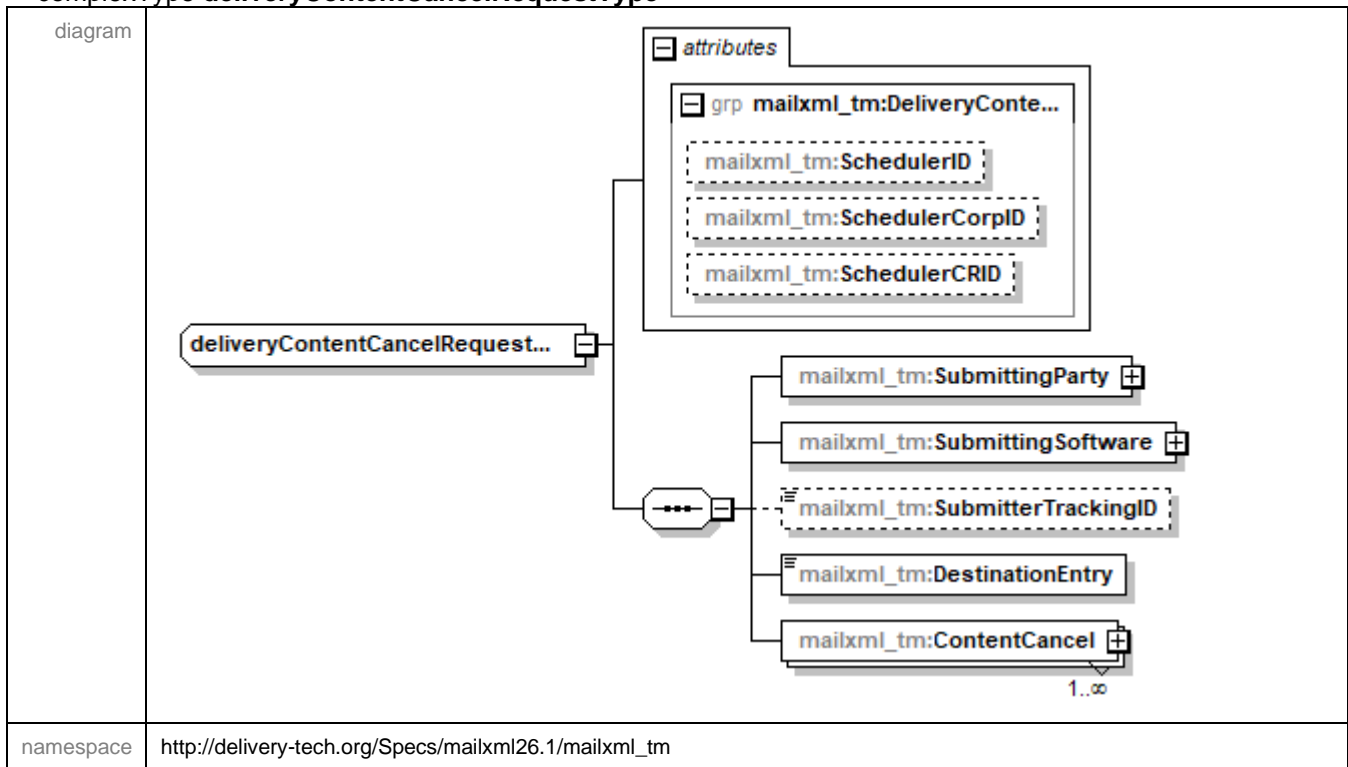
complexType **deliveryApptUpdateRejectType**



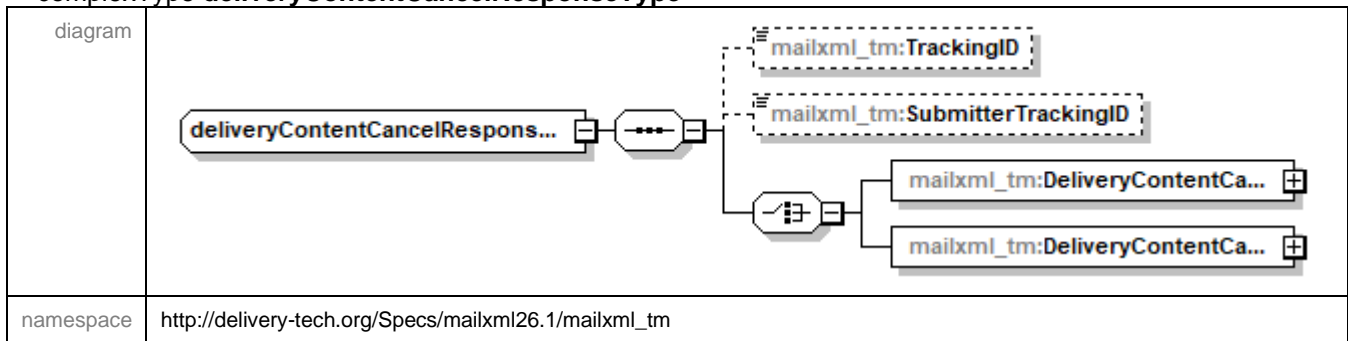
complexType **deliveryContentAcceptType**



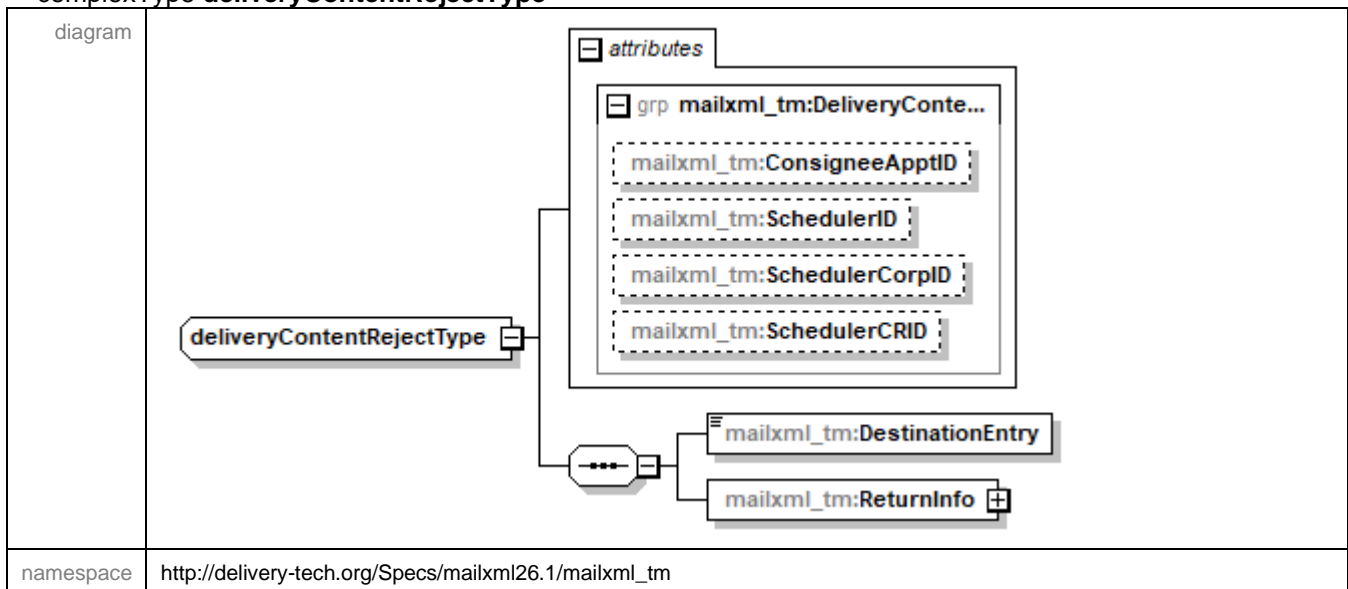
complexType **deliveryContentCancelRequestType**



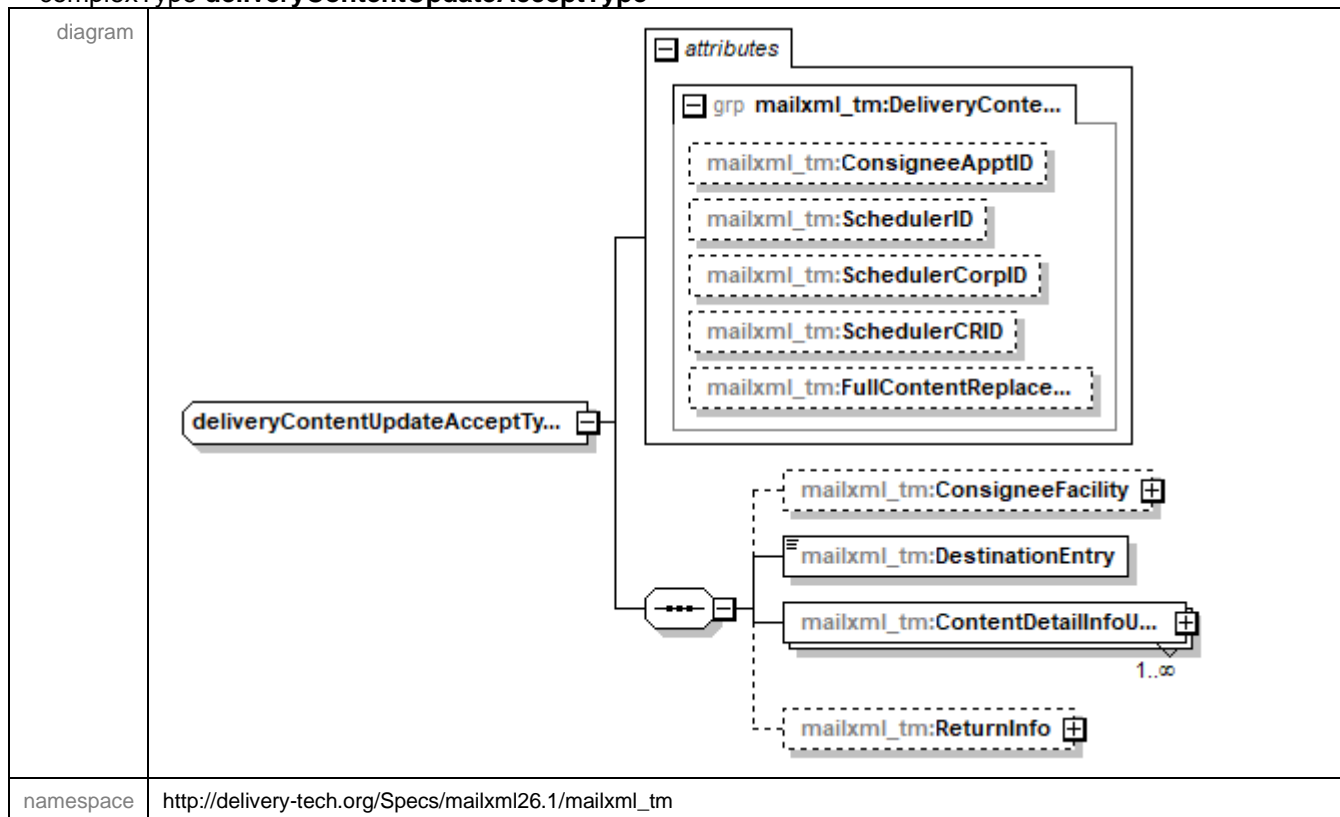
complexType **deliveryContentCancelResponseType**



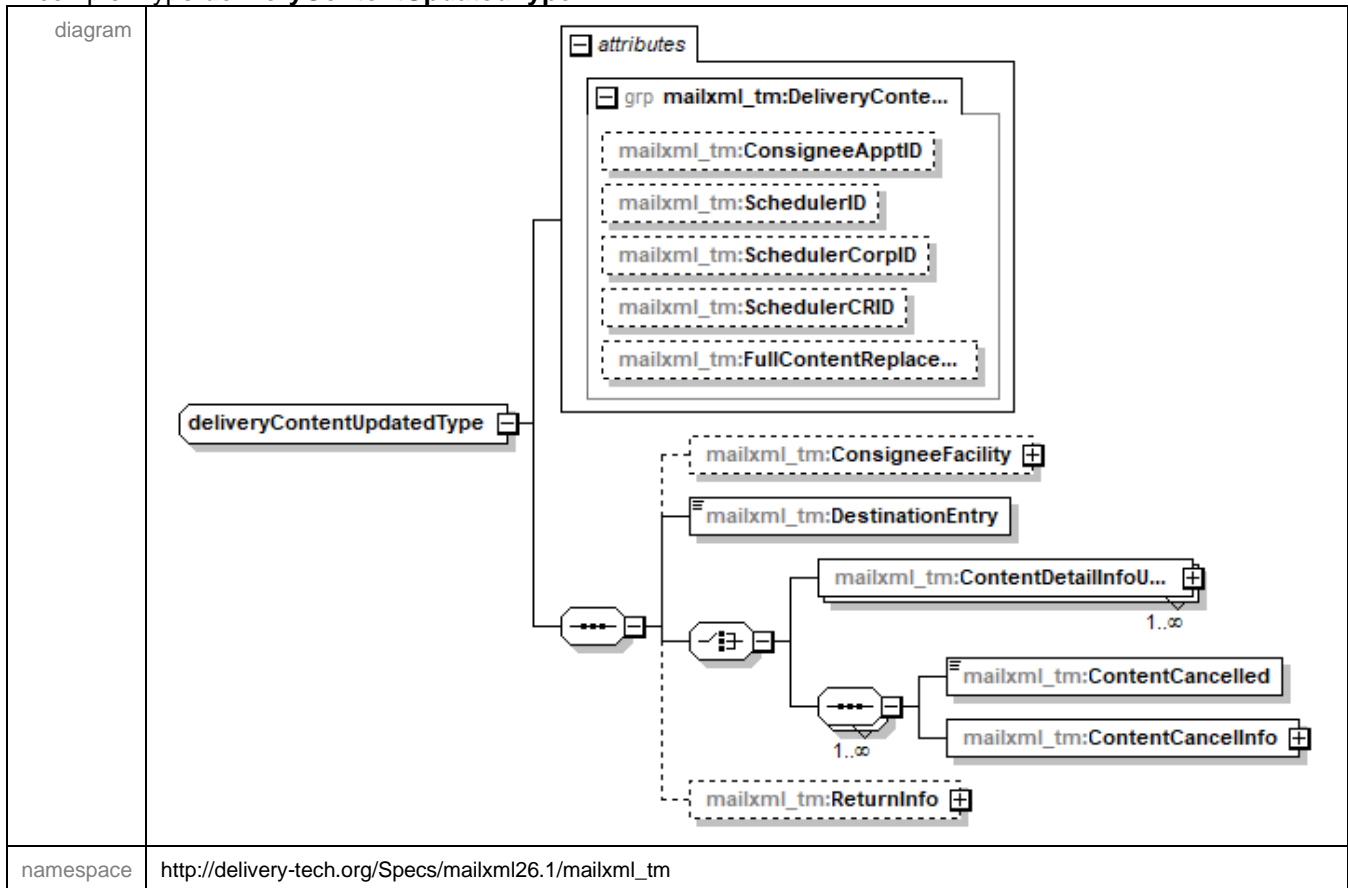
complexType **deliveryContentRejectType**



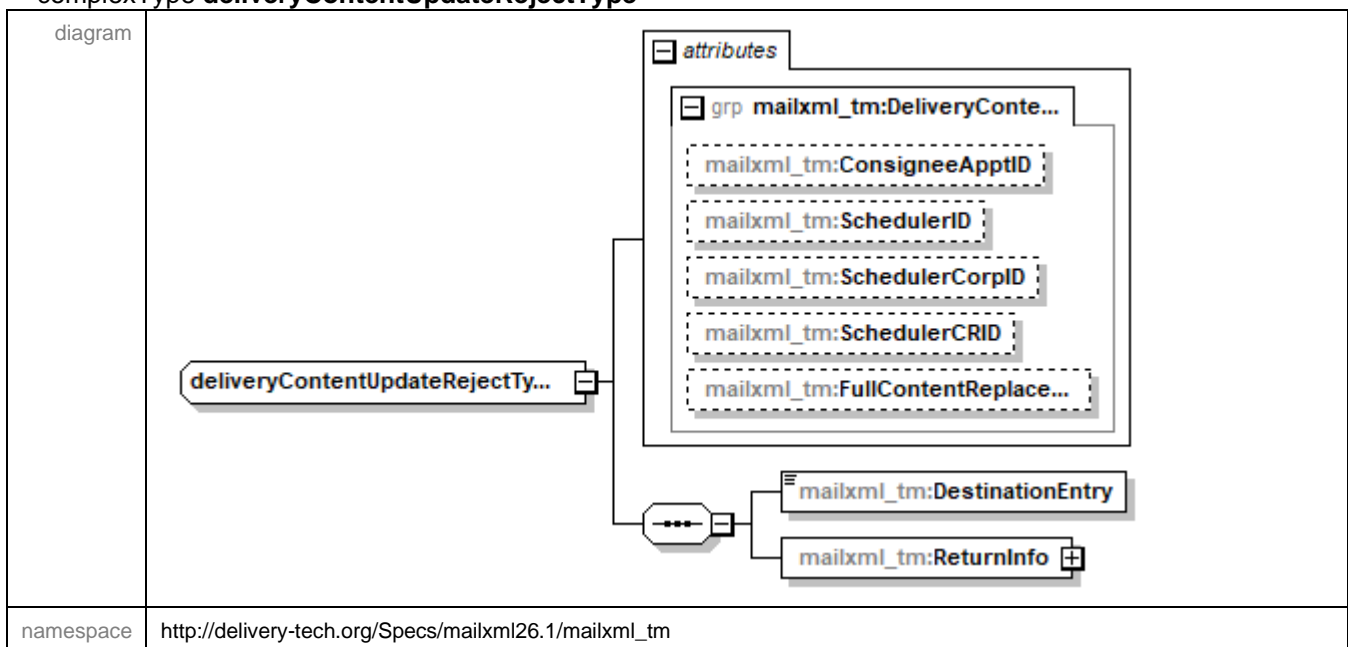
complexType **deliveryContentUpdateAcceptType**



complexType deliveryContentUpdatedType



complexType deliveryContentUpdateRejectType



complexType **deliverySummaryType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **detailInfoType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **eFileSamplingTimeType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType maildatSummaryType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType oneTimeApptType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType optionalApptType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **optReturnInfoType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **palletPresortType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **palletUnitType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

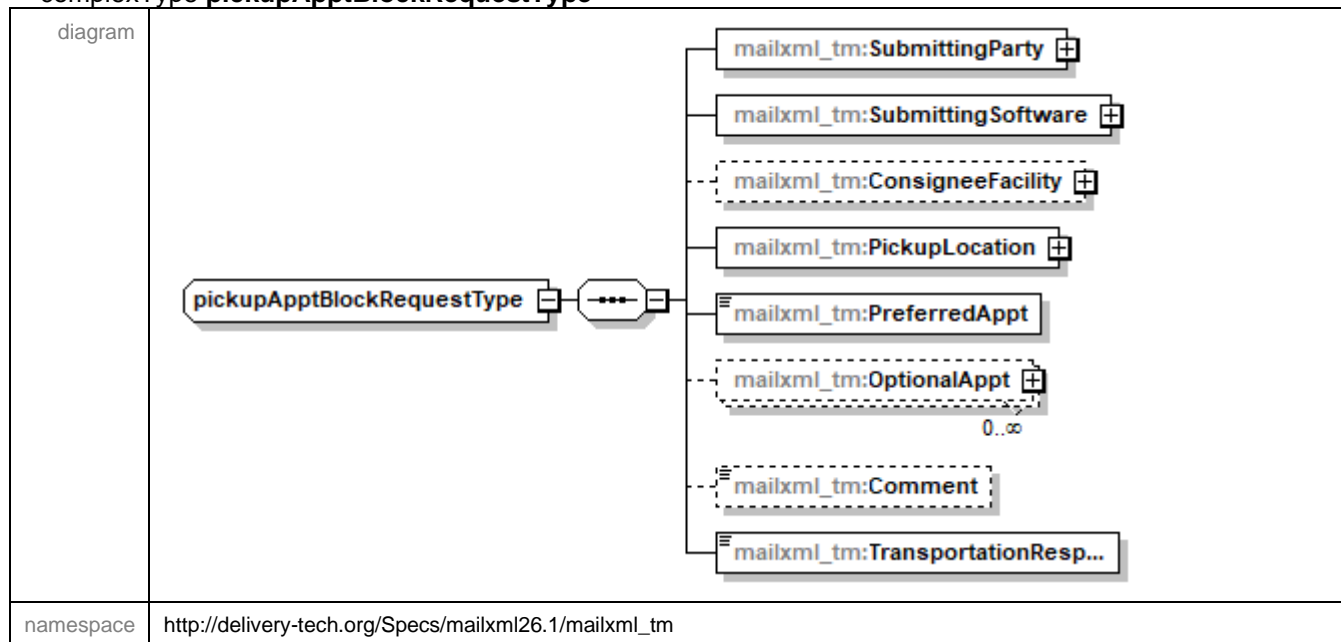
complexType **PartnerApptBlockType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

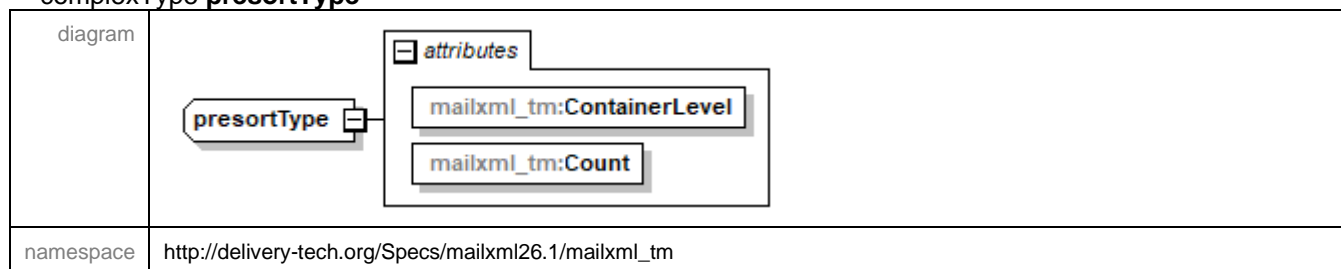
complexType **partnerContentAssignmentType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
annotation	documentation Type to define the combination of ConsigneeContentIDs and assigned users

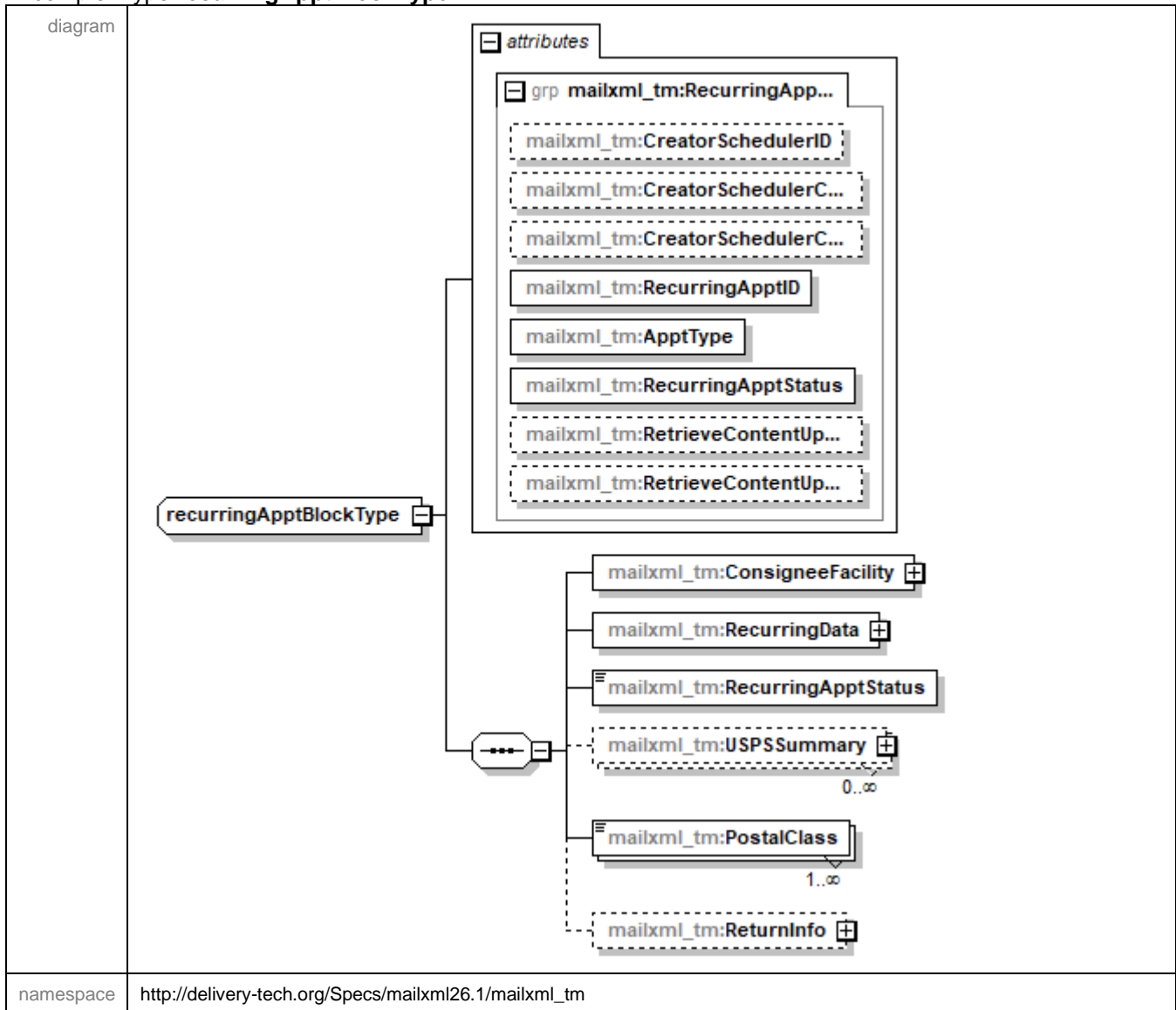
complexType **pickupApptBlockRequestType**



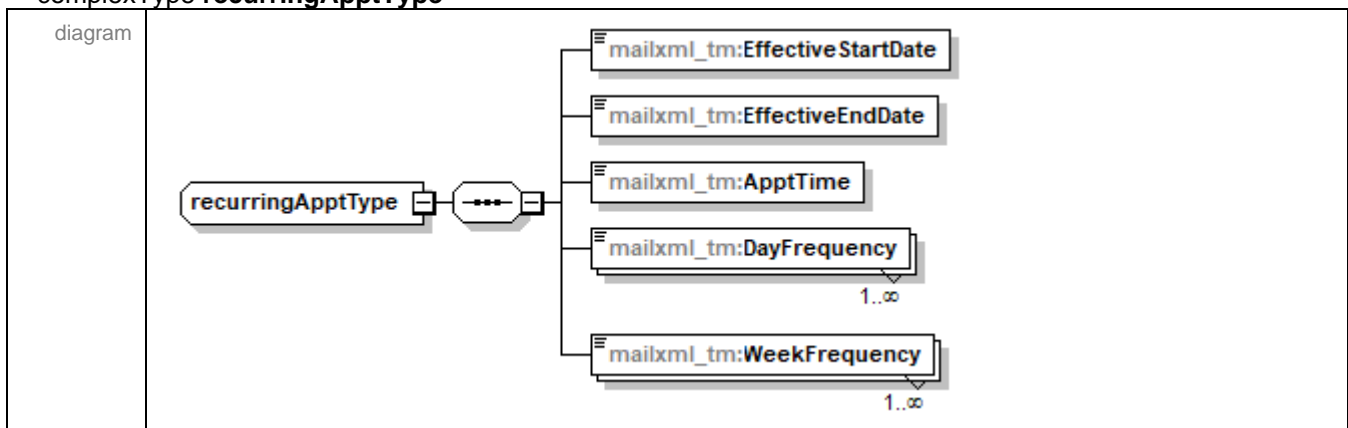
complexType **presortType**



complexType recurringApptBlockType



complexType recurringApptType



namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
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complexType **slotAvailabilityType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

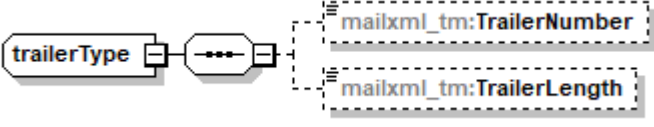
complexType **staleContentNotificationElementType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

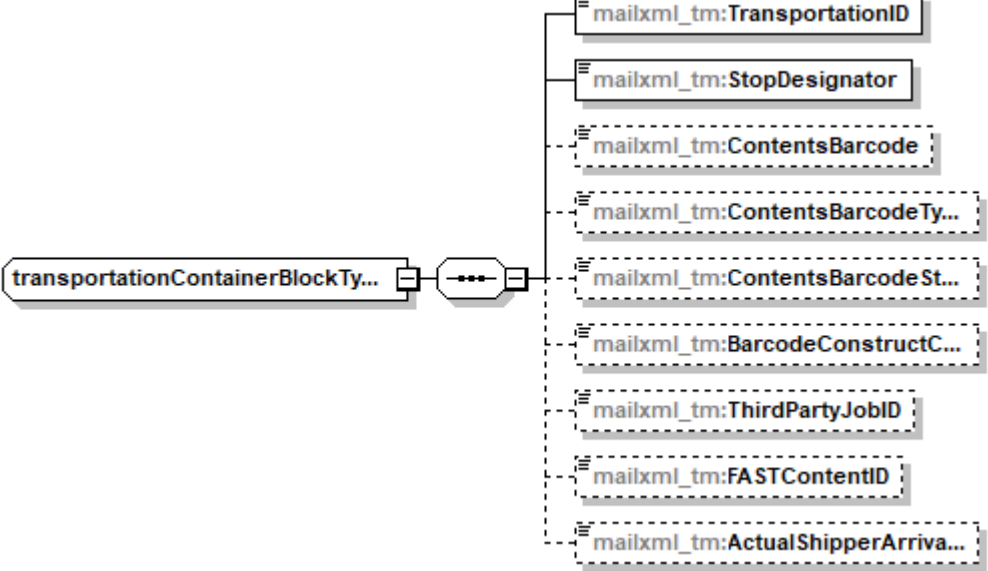
complexType **trailerInfoType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType trailerType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType transportationContainerBlockType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

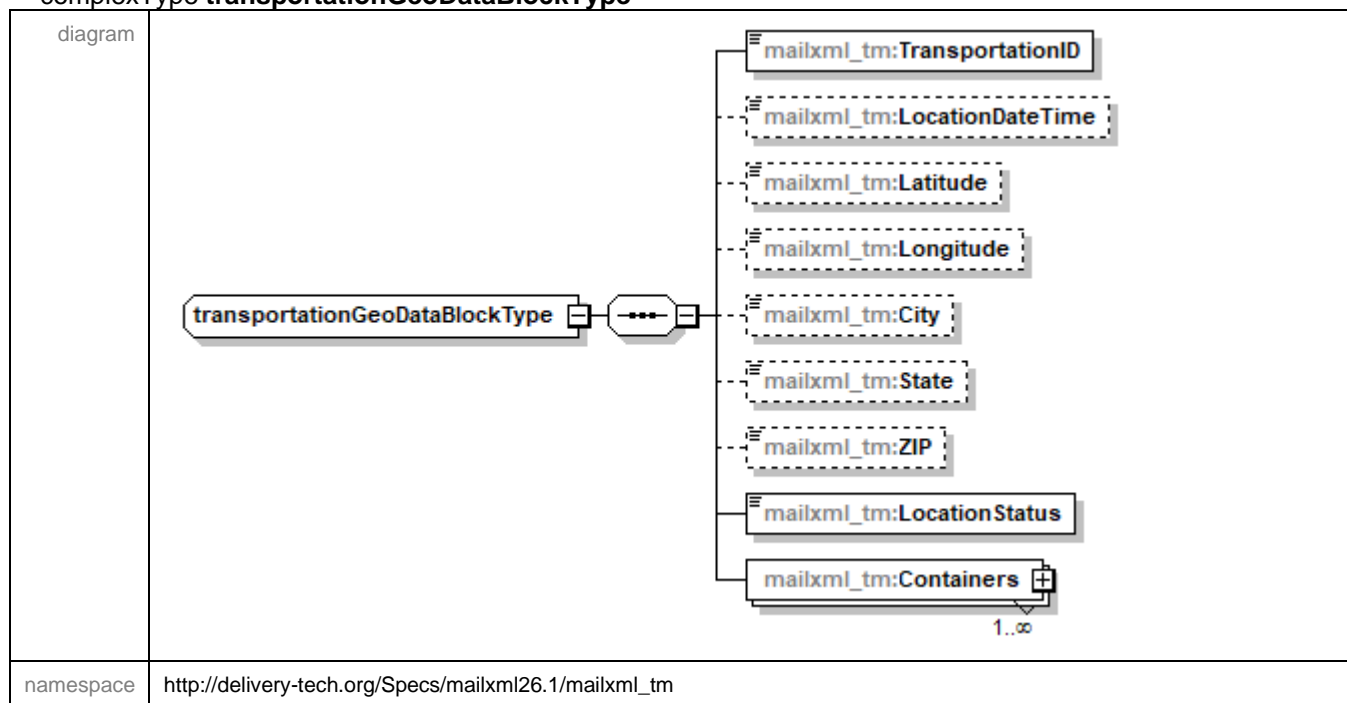
complexType **transportationContainerStatusBlockType**

diagram	<pre> sequenceDiagram participant Root as transportationContainerStatusBlockType Root --> E1[mailxml_tm:ContentsBarcode] Root --> E2[mailxml_tm:ScanDateTime] Root --> E3[mailxml_tm:Latitude] Root --> E4[mailxml_tm:Longitude] Root --> E5[mailxml_tm:LocationDescription] Root --> E6[mailxml_tm:City] Root --> E7[mailxml_tm:State] Root --> E8[mailxml_tm:ZIP] Root --> E9[mailxml_tm:ScanEvent] Root --> E10[mailxml_tm:UserOptionField] Root --> E11[mailxml_tm:AppointmentNumber] Root --> E12[mailxml_tm:AppointmentNumb...] </pre>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

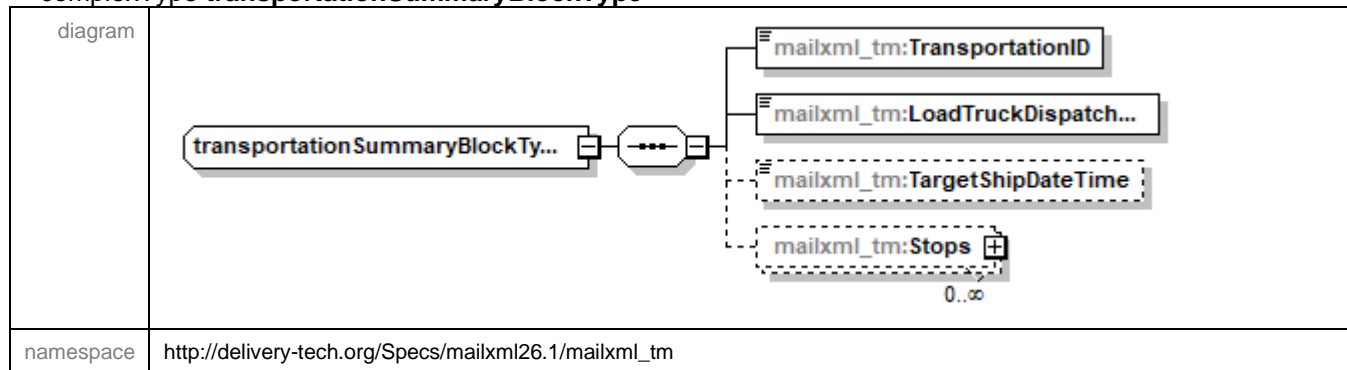
complexType **transportationDetailBlockType**

diagram	<pre> sequenceDiagram participant Root as transportationDetailBlockType Root --> E1[mailxml_tm:TransportationID] Root --> E2[mailxml_tm:StopDesignator] Root --> E3[mailxml_tm:AppointmentNumber] Root --> E4[mailxml_tm:AppointmentNumb...] Root --> E5[mailxml_tm:FAST SchedulerID] Root --> E6[mailxml_tm:EstimatedArrivalDat...] Root --> E7[mailxml_tm:ActualShipperArriva...] Root --> E8[mailxml_tm:ActualReceiverArriv...] Root --> E9[mailxml_tm:StopStatus] </pre>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType transportationGeoDataBlockType



complexType transportationSummaryBlockType



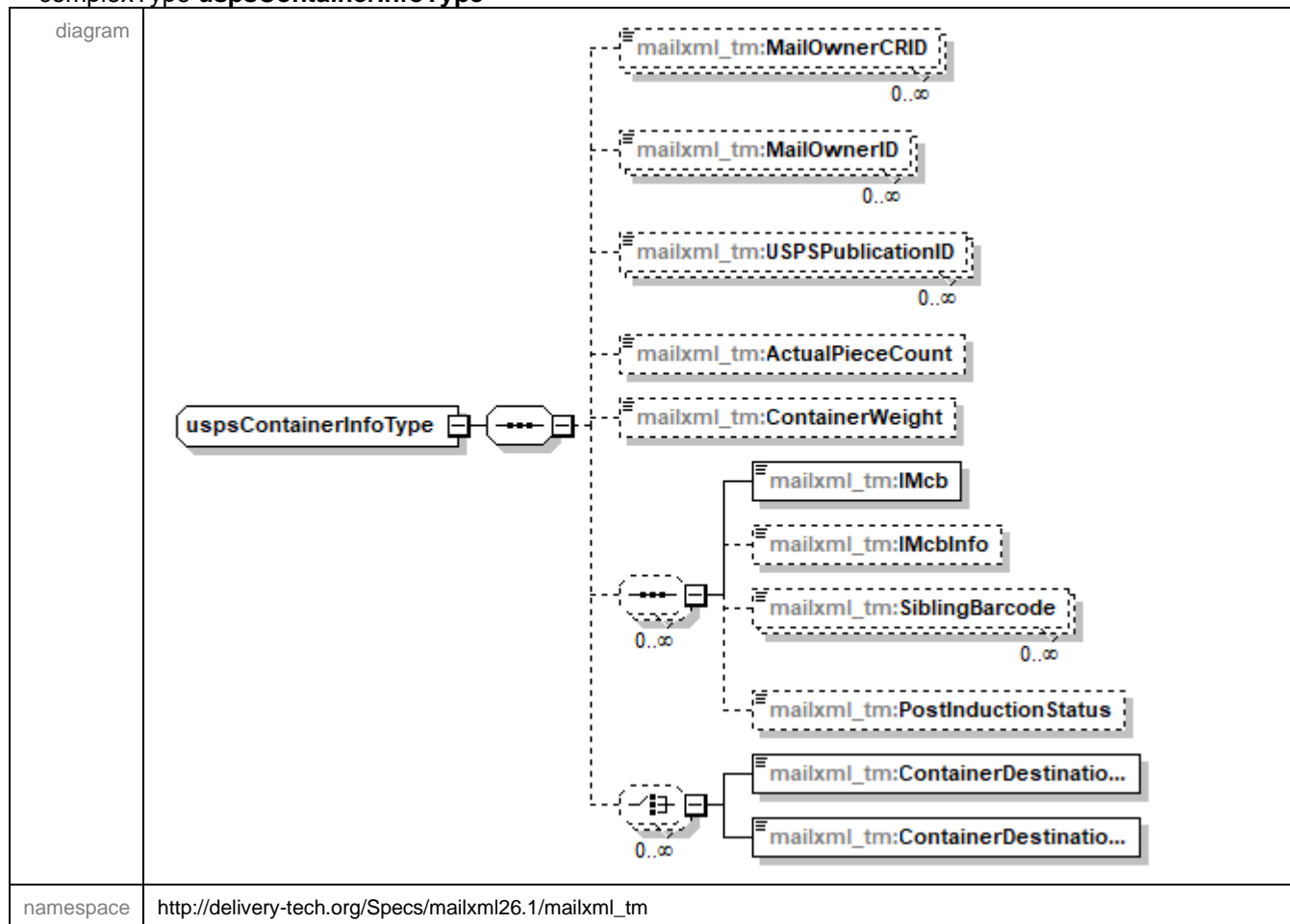
complexType **trayHandlingUnitType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

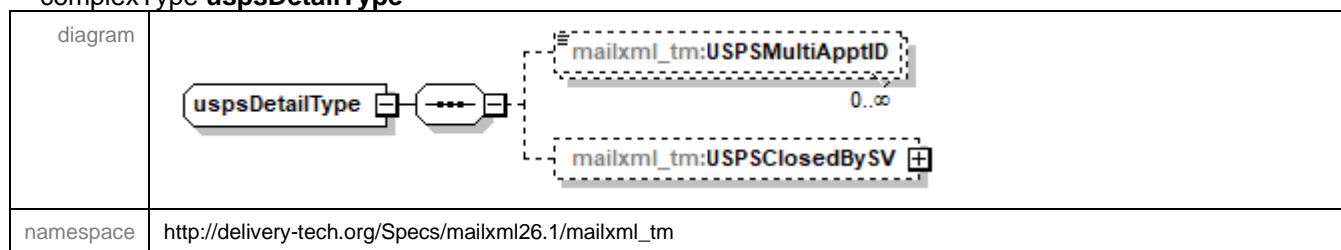
complexType **uspsClosedBySVType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm

complexType **uspsContainerInfoType**

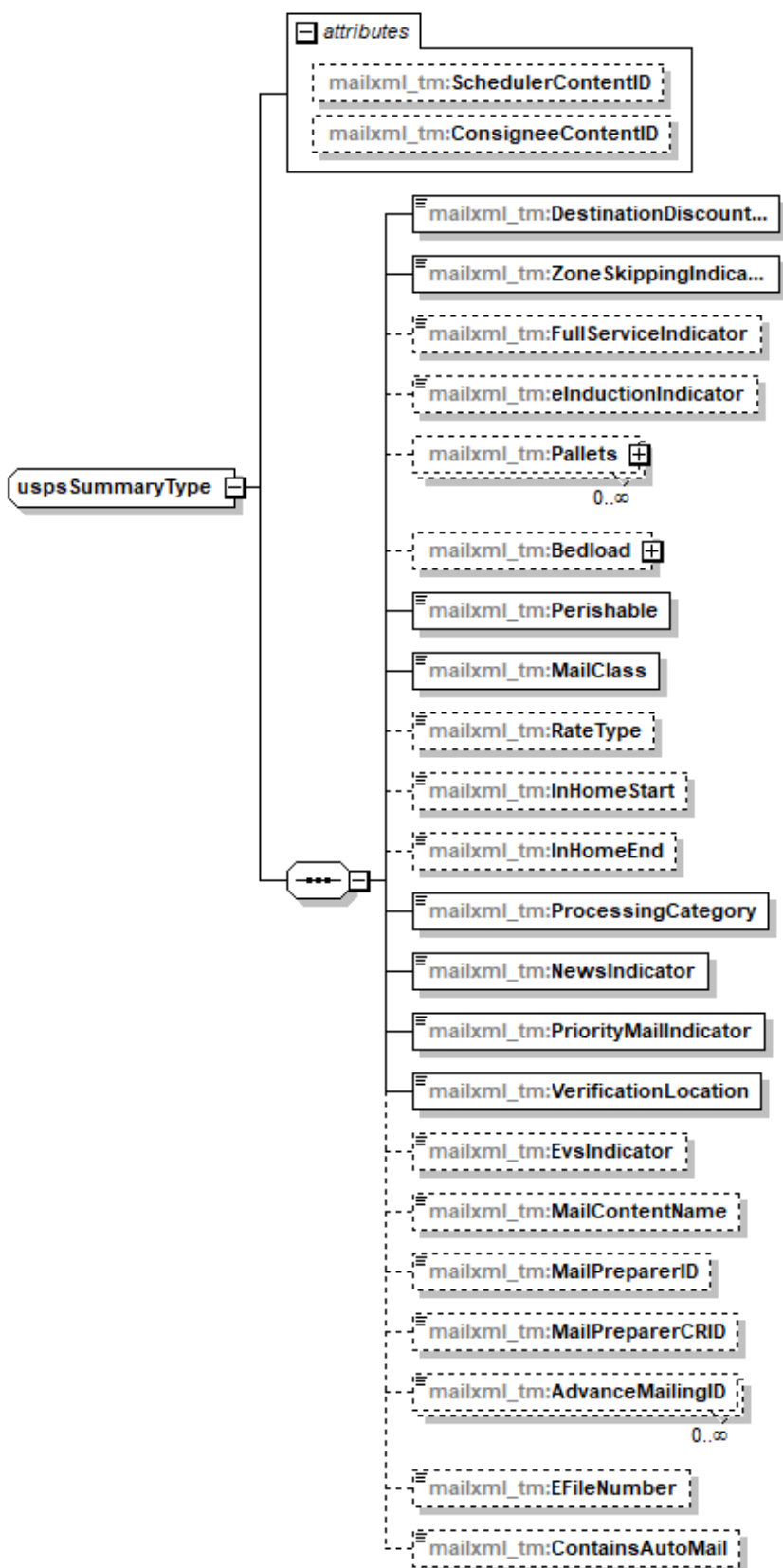


complexType **uspsDetailType**



complexType **uspsSummaryType**

diagram



namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
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simpleType **appointmentNumberIdentifierType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	restriction of xs:string

simpleType **contentsBarcodeStatusType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	restriction of xs:string

simpleType **contentsBarcodeTypeType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	restriction of xs:string

simpleType **csaStatusType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	restriction of xs:string

simpleType **csaTemplateType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	restriction of xs:string

simpleType **IMcblInfoType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	restriction of xs:string

simpleType **locationStatusType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	restriction of xs:string

simpleType **packageServicesType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	restriction of xs:string

simpleType **processingCodeType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	restriction of xs:string

simpleType **scanEventType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	restriction of xs:string

simpleType **stopStatusType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	restriction of xs:string

simpleType **valueAddedServiceType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	restriction of xs:string

simpleType **verificationLocationType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_tm
type	restriction of xs:string

XML Schema documentation generated by [XMLSpy](http://www.altova.com/xmlspy) Schema Editor <http://www.altova.com/xmlspy>