



MailXML 9.0

Schema 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 9.0

With this release, the Mail.XML Messaging Protocol moves to Version 9.0. This is a MAJOR release that corrects technical errors, implements new message sets for Transportation and Mail.dat interfaces and supports ongoing USPS modernization and automation efforts for 2010 and 2011.

About Schema Modularization

As of the release of MailXML 9.0, Mail.XML messages are now grouped into 6 message types.

- Transportation Messages
- Mailing Messages
- Data Distribution Messages
- Identification Messages
- Supply Chain Messages
- System Messages

The underlying schemas have been modularized to reflect these distinct message sets. In addition three “shared” or “common” schemas have been developed. One stores simple

type definitions that can be shared across message sets. A second common module is made up of common elements and complex types that are shared across two or more message sets. The final common module is made up of system messages and the attributes, elements and complex types that are *unique* to these messages.

MailXML schema modules are designed to stand alone, enabling those interested in one or more message sets to develop and validate just those message sets without the requirement to address the entire MailXML specification. Each module will validate by itself or in combination with all other message sets when the entire MailXML Specification is considered. In addition each module will be versioned separately. Version numbers are contained within the namespace designation. Modules will be documented individually as well.

The following MailXML XSD modules/namespaces have been developed:

- **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 and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml mm:**
- **mailxml_dd.xsd**: This module contains all the data distribution messages (eDoc) 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.xsd**: This module contains all the system messages and the attributes, elements and complex types that are *unique* to these messages. Note that in order for the <MessageResponseRetrievalResponse to work, all the other message modules are included by the system.xsd
Namespace=mailxml:
- **mailxml_defs.xsd**: This module contains all the common definitions of attributes, elements and complex types that are used across one or more message types. **Namespace=mailxml defs:**
- **mailxml_base.xsd**: This module contains all the simple types that are used anywhere in 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™ Messaging Roadmap

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 9.0. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- *Mail.XML™ 9.0: Primer* provides an introduction and overview of the Mail.XML 8.0 Specification and an overview of the Mail.XML messages.
- *Mail.XML™ 9.0: Transportation Messaging Specification* documents all transportation messages
- *Mail.XML™ 9.0: Mailing Messaging Specification* documents all mailing messages
- *Mail.XML™ 9.0: Data Distribution Messaging Specification* documents all data distribution messages
- *Mail.XML™ 9.0: Identification Messaging Specification* documents all identification messages
- *Mail.XML™ 9.0: Supply Chain Messaging Specification* documents all supply chain messages
- *Mail.XML™ 9.0: System Messaging Specification* documents all supply chain messages
- *Mail.XML™ 9.0: Fault and Return Information Specification* documents all fault and return codes.
- *Mail.XML™ 9.0: Schemas* contains the .XSDs that make up the Mail.dat Transaction Messaging Specification.

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1 mailxml.xsd (System and Configuration Messages)

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:mailxml_defs="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/mailxml_defs"
xmlns:mailxml_base="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/base"
xmlns:mailxml_tm="http://idealliance.org/maildat/Specs/md091/mailxml9.0
/mailxml_tm"
xmlns:mailxml_dd="http://idealliance.org/maildat/Specs/md091/mailxml9.0
/mailxml_dd"
xmlns:mailxml_sc="http://idealliance.org/maildat/Specs/md091/mailxml9.0
/mailxml_sc"
xmlns:mailxml_mm="http://idealliance.org/maildat/Specs/md091/mailxml9.0
/mailxml_mm"
xmlns:mailxml_id="http://idealliance.org/maildat/Specs/md091/mailxml9.0
/mailxml_id"
xmlns:mailxml="http://idealliance.org/maildat/Specs/md091/mailxml80A/ma
ilxml"
targetNamespace="http://idealliance.org/maildat/Specs/md091/mailxml80A/
mailxml"
elementFormDefault="qualified" attributeFormDefault="qualified"
version="mailxml900607010">
```

```
<!--Copyright 2000-2010 International Digital Enterprise Alliance,
Inc. (IDEAlliance). All rights reserved by the Copyright
wner under the laws of the United States. For support, more
information, or to report implementation bugs, please contact
IDEAlliance at
www.idealliance.org.
```

```
+++++
MailXML 8.1 changes are included here: IB_02 thru IB_10: accommodate
the request from PostalOne to enable USPS to support the
industry need for ACS data without requiring job id info
+++++
-->
```

```
<xs:annotation><xs:documentation>
+++++
+++++
This module contains the System messages of MailXML and is used to
build your custom
profile of MailXML by module inclusion.
```

There are 3 steps to creating a custom profile of MailXML

- 1) Edit the namespaces in the schema declaration to include the version of
 - each namespace you require
- 2) Import modules for your profile. Be sure to include the mailxml_defs and mailxml_base module
 - as these are required by all other modules
- 3) Comment out all response messages that ARE NOT in your module set

```

+++++
+++++
</xs:documentation></xs:annotation>

    <!-- +++++
    -->
    <!--      Import Modules with the following statements      -->
    <!--      -->
    <!--      Comment OUT those modules that are NOT to be included
    -->
    <!--      -->
    <!-- +++++
    -->

<!-- Transportation Messaging Module -->
<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxm
l_tm" schemaLocation="mailxml_tm_9DRAFT.xsd"/>

<!-- Data Distribution Module -->
<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxm
l_dd" schemaLocation="mailxml_dd_9DRAFT.xsd"/>

<!-- Supply Chain Messaging Module -->
<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxm
l_sc" schemaLocation="mailxml_sc_9DRAFT.xsd"/>

<!-- Mailing Messaging Module -->
<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxm
l_mm" schemaLocation="mailxml_mm_9DRAFT.xsd"/>

<!-- Identification Module -->
<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxm
l_id" schemaLocation="mailxml_id_9DRAFT.xsd"/>

<!-- All modules need these files inported -->
<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxm
l_defs" schemaLocation="mailxml_defs_9DRAFT.xsd"/>
<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/base"
schemaLocation="mailxml_base_9DRAFT.xsd"/>

    <!--==== Message Response Retrieval Response Type ====>
    <!-- Customize your mailXML profile by including only the message
        responses for the message modules you are implementing -->
    <xs:complexType name="messageResponseRetrievalResponseType">
        <xs:sequence>
            <xs:choice>
                <xs:element name="QueryResults">
                    <xs:complexType><xs:sequence>
                        <xs:choice>

```

```

<!-- ++++++++ Include Transportation Responses ++++++++ -->
<xs:element ref="mailxml_tm:AllApptCloseoutResponse"/>
<xs:element ref="mailxml_tm:ApptInductionCloseoutResponse"/>
<xs:element ref="mailxml_tm:ComponentQueryResponse"/>
<xs:element ref="mailxml_tm:ComponentUpdateResponse"/>
<xs:element ref="mailxml_tm:ContainerStatusQueryResponse"/>
<xs:element ref="mailxml_tm:ContainerUpdateResponse"/>
<xs:element
ref="mailxml_tm:CustomerSupplierAgreementQueryResponse"/>
<xs:element ref="mailxml_tm:DeliveryApptCancelCreateResponse"/>
<xs:element ref="mailxml_tm:DeliveryApptCancelResponse"/>
<xs:element ref="mailxml_tm:DeliveryApptContentRemoveResponse"/>
<xs:element ref="mailxml_tm:DeliveryApptCreateResponse"/>
<xs:element ref="mailxml_tm:DeliveryApptQueryResponse"/>
<xs:element ref="mailxml_tm:DeliveryApptShellCancelResponse"/>
<xs:element ref="mailxml_tm:DeliveryApptShellCreateResponse"/>
<xs:element ref="mailxml_tm:DeliveryApptShellUpdateResponse"/>
<xs:element ref="mailxml_tm:DeliveryApptStatusQueryResponse"/>
<xs:element
ref="mailxml_tm:DeliveryApptTransportationUpdateResponse"/>
<xs:element ref="mailxml_tm:DeliveryApptUpdateResponse"/>
<xs:element ref="mailxml_tm:DeliveryContentCancelResponse"/>
<xs:element ref="mailxml_tm:DeliveryContentCreateResponse"/>
<xs:element ref="mailxml_tm:DeliveryContentQueryResponse"/>
<xs:element ref="mailxml_tm:DeliveryContentUpdateResponse"/>
<xs:element ref="mailxml_tm:GoodsReceiptResponse"/>
<xs:element ref="mailxml_tm:OpenApptQueryResponse"/>
<xs:element ref="mailxml_tm:PartnerApptQueryResponse"/>
<xs:element ref="mailxml_tm:PartnerContentAssignmentResponse"/>
<xs:element ref="mailxml_tm:PickupApptCancelResponse"/>
<xs:element ref="mailxml_tm:PickupApptCreateResponse"/>
<xs:element ref="mailxml_tm:PickupApptUpdateResponse"/>
<xs:element ref="mailxml_tm:RecurringApptQueryResponse"/>
<xs:element ref="mailxml_tm:StaleContentQueryResponse"/>

<!-- ++++++++ Include Data Distribution Responses ++++++++ -->
<xs:element ref="mailxml_dd:ByForConflictQueryResponse"/>
<xs:element
ref="mailxml_dd:DeliveryPointValidationQueryResponse"/>
<xs:element
ref="mailxml_dd:FullServiceAddressCorrectionQueryResponse"/>
<xs:element
ref="mailxml_dd:FullServiceContainerVisibilityQueryResponse"/>
<xs:element
ref="mailxml_dd:FullServiceDataQualityVerificationReportDelivery"/>
<xs:element
ref="mailxml_dd:FullServiceDataQualityVerificationReportQueryResponse"/
>
<xs:element
ref="mailxml_dd:FullServiceNixieDetailQueryResponse"/>
<xs:element
ref="mailxml_dd:FullServiceStartTheClockQueryResponse"/>

<!-- ++++++++ Include Mailing Message Responses ++++++++ -->
<xs:element ref="mailxml_mm:BeginCombinedMailingResponse"/>
<xs:element ref="mailxml_mm:BundleDetailCancelResponse"/>
<xs:element ref="mailxml_mm:BundleDetailCreateResponse"/>

```

```

        <xs:element ref="mailxml_mm:CloseMailingGroupResponse"/>
        <xs:element
ref="mailxml_mm:ConsolidatedPeriodicalStatementCreateResponse"/>
        <xs:element
ref="mailxml_mm:ContainerBundleReportCancelResponse"/>
        <xs:element
ref="mailxml_mm:ContainerBundleReportCreateResponse"/>
        <xs:element ref="mailxml_mm:ContainerBundleReportQueryResponse"/>
        <xs:element ref="mailxml_mm:CustomerMailReportCreateResponse"/>
        <xs:element ref="mailxml_mm:EndCombinedMailingResponse"/>
        <xs:element ref="mailxml_mm:MailPieceCancelResponse"/>
        <xs:element ref="mailxml_mm:MailPieceCreateResponse"/>
        <xs:element ref="mailxml_mm:MailPieceUpdateResponse"/>
        <xs:element ref="mailxml_mm:MailingGroupQueryResponse"/>
        <xs:element ref="mailxml_mm:OpenMailingGroupResponse"/>
        <xs:element ref="mailxml_mm:PaymentMessageQueryResponse"/>
        <xs:element ref="mailxml_mm:PeriodicalStatementCreateResponse"/>
        <xs:element ref="mailxml_mm:PeriodicalStatementQueryResponse"/>
        <xs:element ref="mailxml_mm:PostageStatementCancelResponse"/>
        <xs:element ref="mailxml_mm:PostageStatementCreateResponse"/>
        <xs:element ref="mailxml_mm:PostageStatementQueryResponse"/>
        <xs:element
ref="mailxml_mm:PostageStatementStatusQueryResponse"/>
        <xs:element ref="mailxml_mm:QualificationReportCreateResponse"/>
        <xs:element ref="mailxml_mm:QualificationReportQueryResponse"/>
        <xs:element ref="mailxml_mm:ReconciliationReportQueryResponse"/>
        <xs:element
ref="mailxml_mm:SummaryZipDestinationReportCreateResponse"/>

        <!-- ++++++ Include ID Message Responses ++++++ -->
        <xs:element ref="mailxml_id:CastofCharactersCancelResponse"/>
        <xs:element ref="mailxml_id:CastofCharactersCreateResponse"/>
        <xs:element ref="mailxml_id:CastofCharactersUpdateResponse"/>
        <xs:element
ref="mailxml_id:CustomerRelationIdentifyQueryResponse"/>
        <xs:element
ref="mailxml_id:CustomerRelationIdentifyUpdateResponse"/>
        <xs:element ref="mailxml_id:USPSCRIDCreateResponse"/>
        <xs:element ref="mailxml_id:USPSCRIDQueryResponse"/>
        <xs:element ref="mailxml_id:USPSMIDCreateResponse"/>
        <xs:element ref="mailxml_id:USPSMIDQueryResponse"/>

        <!-- ++++++ Include Supply Chain Message Responses ++++++ -->
        <xs:element
ref="mailxml_sc:OriginalContainerLinkageCancelRequest"/>
        <xs:element
ref="mailxml_sc:OriginalContainerLinkageCancelResponse"/>
        <xs:element
ref="mailxml_sc:OriginalContainerLinkageCreateRequest"/>
        <xs:element
ref="mailxml_sc:OriginalContainerLinkageCreateResponse"/>
        <xs:element ref="mailxml_sc:PostageAdjustmentCreateRequest"/>
        <xs:element ref="mailxml_sc:PostageAdjustmentCreateResponse"/>
        <xs:element ref="mailxml_sc:SiblingContainerCancelRequest"/>
        <xs:element ref="mailxml_sc:SiblingContainerCancelResponse"/>
        <xs:element ref="mailxml_sc:SiblingContainerCreateRequest"/>
        <xs:element ref="mailxml_sc:SiblingContainerCreateResponse"/>

```

```

    <!-- These System responses are required by all implementations -
->
    <xs:element ref="mailxml:DeliveryResponse"/>
    <xs:element ref="mailxml:NotificationResponse"/>
    <xs:element ref="mailxml:SystemVersionQueryResponse"/>

    </xs:choice>
    <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
    </xs:sequence>
    </xs:complexType>
    </xs:element>
    <xs:element ref="mailxml_defs:QueryError"/>
    </xs:choice>
    </xs:sequence>
    <xs:attribute name="TrackingID" type="mailxml_base:s12"
use="required"/>
    </xs:complexType>

    <!--==== Delivery Response====-->
    <!--==== This is returned by mailer for any delivery  ====-->
    <!--==== v8.1 IB 10  ====-->
    <xs:element name="DeliveryResponse">
        <xs:annotation>
            <xs:documentation>Response sent to USPS by a customer
when any delivery is pushed. For example when a delivery point
validation delivery is pushed by USPS this response is returned by the
receiver.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:choice minOccurs="0">
                    <xs:sequence>
                        <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                        <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                    </xs:sequence>
                    <xs:sequence>
                        <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                        <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                    </xs:sequence>
                </xs:choice>
                <xs:element name="PushMessageID"
type="mailxml_base:s25" minOccurs="0" />
                <xs:element name="DeliveryType"
type="xs:string"/>
                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

<!--==== Fault =====>
<xs:element name="Fault">
  <xs:annotation>
    <xs:documentation>A fault message.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence maxOccurs="unbounded">
      <xs:element name="FaultCode"
type="mailxml_base:ns03"/>
      <xs:element name="FaultDescription"
type="mailxml_base:s260" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="TrackingID"
type="mailxml_base:s12"/>
  </xs:complexType>
</xs:element>

<!--====      Message Response Retrieval Messages =====>
<!--      -->
<!--      =====      -->

<!--==== Message Response Retrieval Request =====>
<xs:element name="MessageResponseRetrievalRequest">
  <xs:annotation>
    <xs:documentation>Request to send responses once more
when the response was interrupted by a system fault.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
      <xs:element name="MessageResponse"
type="mailxml:messageResponseRetrievalRequestType"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<!--==== Message Response Retrieval Request Type =====>
<!--==== This tracking ID comes from the message wrapper =====>
<xs:complexType name="messageResponseRetrievalRequestType">

  <xs:attribute name="TrackingID"
type="mailxml_base:s12" use="required"/>
</xs:complexType>

<!--==== Message Response Retrieval Response =====>
<xs:element name="MessageResponseRetrievalResponse">
  <xs:annotation>

```

```

        <xs:documentation>Response to the Message Response
Retrieval Request that resends interrupted
responses.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice maxOccurs="unbounded">
            <xs:element
name="MessageResponseRetrievalAccept"
type="mailxml:messageResponseRetrievalResponseType"/>
            <xs:element
name="MessageResponseRetrievalReject"
type="mailxml:messageResponseNotAvailableResponseType"/>
        </xs:choice>
    </xs:complexType>
</xs:element>

<!--==== Message Response Not Available Response Type ====>
<xs:complexType name="messageResponseNotAvailableResponseType">
    <xs:sequence minOccurs="0">
        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/>
    </xs:sequence>
    <xs:attribute name="TrackingID" type="mailxml_base:s12"
use="required"/>
</xs:complexType>

<!--====      Notification Messages      ====>
<!--      -->
<!--      =====      -->

<!--====      Notification Response====>
<!--==== This is returned by mailer for any notification      ====
>
<!--==== v8.1 dk IB 10      ====>
<xs:element name="NotificationResponse">
    <xs:annotation>
        <xs:documentation>Standard response to a USPS
notification to indicate the notification has been
received.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:choice minOccurs="0">
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>

```

```

                                <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                                </xs:sequence>
                                </xs:choice>
                                <xs:element name="NotificationDate"
type="xs:date"/>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>

<!--==      System Software Version Messages  ==-->
<!--      -->
<!--      =====      -->

<!--== System Software Version Query Request  ==-->
<xs:element name="SystemVersionQueryRequest">
    <xs:annotation>
        <xs:documentation>Query request for the receiving
system version information.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--== System Software Version Query Response  ==-->
<xs:element name="SystemVersionQueryResponse">
    <xs:annotation>
        <xs:documentation>Response to a query for the
receiving system version information.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="QueryResults">
                <xs:annotation>

<xs:documentation></xs:documentation>
                </xs:annotation>
            </xs:complexType>
        <xs:sequence>
            <xs:element name="SoftwareStatus"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>

```

```
        </xs:element>
        <xs:element ref="mailxml_defs:QueryError"/>
    </xs:choice>
</xs:complexType>
</xs:element>

</xs:schema>
```

```
2 mailxml_tm.xsd (Transportation Messaging)
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:mailxml_defs="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/mailxml_defs"
xmlns:mailxml_base="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/base"
xmlns:mailxml_tm="http://idealliance.org/maildat/Specs/md091/mailxml9.0
/mailxml_tm"
targetNamespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/
mailxml_tm"
elementFormDefault="qualified" attributeFormDefault="qualified"
version="mailxml90060710">

<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/base"
schemaLocation="mailxml_base_9DRAFT.xsd"/>
<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxm
l_defs" schemaLocation="mailxml_defs_9DRAFT.xsd"/>

<!--Copyright 2000-2010 International Digital Enterprise Alliance,
Inc. (IDEAlliance). All rights reserved by the Copyright
wner under the laws of the United States. For support, more
information, or to report implementation bugs, please contact
IDEAlliance at
www.idealliance.org.-->

<xs:annotation>
<xs:documentation>
This module contains the Transportation messages of MailXML. It
contains elements and
complexTypes that are used exclusively by the Transportation messages.

Common attributes, elements and complexTypes are included from the
commonDefs module.
Common simpleTypes are included from the base module.

+++++
MailXML 9.0
BR 002: Add a required element called RecurringApptStatus as type
mailxml_base:recurringStatusType to the RecurringApptBlockType complex
type
BR 003: Add a element called ConsigneeContentID as type mailxml_base:s12
to the detailInfoType complex type
BR 004: Add an optional attribute called RecurringApptID of type
mailxml_base:s08 to the RecurringApptQueryRequestHeaderInfo attribute
group
DA 13: Fix type in recurringApptBlockType
TM 503: Add large transaction divider to ApptInductionCloseoutResponse
and AllApptCloseoutResponse
BR 001: Add "DestinationEntry" to DeliveryAppt Shell and content
Messages
GW 001: Make ContentDetailInfoUpdate element in the
PartnerApptBlockType
```

GW 002: Add RetrieveContentUpdatedStartDate
RetrieveContentUpdatedEndDate elements to the
DeliveryContentQueryMsgHeaderInfo,
RecurringApptQueryRequestHeaderInfo,
RecurringApptQueryResponseHeaderInfo, and PartnerApptRequestHeaderInfo
attribute groups
TM 502: Add AllApptCloseout Delivery and Notification (push) messages
IB 21: Add Tracking ID to all Responses
PT 01-02: Add Component Update Msgs to update Mail.dat Component
Information
SS 003: Make SortationLevel = containerLevelType
CR 512: Add StaleContent Messages
SS 510: PartnerContentAssignment
ss 511: add optional StartTheClockDate to apptBlockGoodsType,
apptBlockUnScheduledGoodsType, and detailinfotype
</xs:documentation>
</xs:annotation>

```

<!--====      Transportation  Messages  =====>
<!--              -->
<!--              =====              -->

<!--====  ++++ Headers used in Transportation Messages  ++++ =====>

<!--==== Appt Status Request Message Header=====>
<xs:attributeGroup name="ApptStatusRequestMsgHeaderInfo">
  <xs:attribute name="ShipperApptRequestID"
type="mailxml_base:s12" use="required"/>
  <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12" use="required"/>
</xs:attributeGroup>

<!--==== Cancel Create Info Message Header=====>
<xs:attributeGroup name="CancelCreateMsgHeaderInfo">
  <xs:attribute name="ShipperApptRequestID"
type="mailxml_base:s12" use="required"/>
  <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12"/>
  <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12"/>
  <xs:attribute name="SchedulerID" type="mailxml_base:s12"/>
  <xs:attribute name="SchedulerCRID"
type="mailxml_base:CRIDType"/>
  <xs:attribute name="ShipperMultiStopID"
type="mailxml_base:s12"/>
  <xs:attribute name="ConsigneeMultiStopID"
type="mailxml_base:s12"/>
  <xs:attribute name="ShipperStopNumber"
type="mailxml_base:n06"/>
  <xs:attribute name="ApptType"
type="mailxml_base:apptTypeType" use="required"/>
  <xs:attribute name="PickupOrDelivery"
type="mailxml_base:pickupOrDeliveryType" use="required"/>

```

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        <xs:attribute name="PalletPositionCount"
type="mailxml_base:n02"/>
        <xs:attribute name="TransferAllContent"
type="mailxml_base:yesNo" use="required"/>
    </xs:attributeGroup>

    <!--== Content Remove Request Message Header==-->
    <xs:attributeGroup name="ContentRemoveRequestMsgHeaderInfo">
        <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="SchedulerID" type="mailxml_base:s12"
use="required"/>
        <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12" use="required"/>
    </xs:attributeGroup>

    <xs:attributeGroup name="ContainerBundleReportHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>
    </xs:attributeGroup>

    <!--== Customer Supplier Agreement Request Info Message
Header==-->
    <xs:attributeGroup
name="CustomerSupplierAgreementQueryMsgHeaderInfo">
        <xs:attribute name="OwnerCRID" type="mailxml_base:s10" />
        <xs:attribute name="CSAID" type="mailxml_base:s10" />
    </xs:attributeGroup>

    <!--== Delivery Content Message Header==-->
    <xs:attributeGroup name="DeliveryContentHeaderInfo">
        <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12"/>
        <xs:attribute name="SchedulerID" type="mailxml_base:s12"/>
        <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12"/>
        <xs:attribute name="SchedulerCRID"
type="mailxml_base:CRIDType"/>
    </xs:attributeGroup>

    <!--== Delivery Content Message Header== -->
    <xs:attributeGroup name="DeliveryContentUpdateHeaderInfo">
        <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12"/>
        <xs:attribute name="SchedulerID" type="mailxml_base:s12"/>
        <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12"/>
        <xs:attribute name="SchedulerCRID"
type="mailxml_base:CRIDType"/>
        <xs:attribute name="FullContentReplacement"
type="mailxml_base:yesNo" default="No"/>
    </xs:attributeGroup>

```

```

        <!--=== Delivery Appt Content Transport Update Header=== -->
        <xs:attributeGroup name="DeliveryApptTransportUpdateHeaderInfo">
            <xs:attribute name="ShipperApptRequestID"
type="mailxml_base:s12" use="required"/>
            <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12" use="required"/>
            <xs:attribute name="SchedulerContentID"
type="mailxml_base:s12" use="required"/>
            <xs:attribute name="SchedulerID" type="mailxml_base:s12"
use="required"/>
        </xs:attributeGroup>

        <!--=== Delivery Content Message Header=== PT/dk v2.1 CR62-->
        <xs:attributeGroup name="DeliveryContentHeaderInfoCancel">
            <xs:attribute name="SchedulerID" type="mailxml_base:s12"/>
            <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12"/>
            <xs:attribute name="SchedulerCRID"
type="mailxml_base:CRIDType"/>
        </xs:attributeGroup>

        <!--=== Delivery Content Query Message Header=====>
        <!--=== v9.0 dk GW 002 =====>
        <xs:attributeGroup name="DeliveryContentQueryMsgHeaderInfo">
            <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12"/>
            <xs:attribute name="SchedulerID" type="mailxml_base:s12"/>
            <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12"/>
            <xs:attribute name="SchedulerCRID"
type="mailxml_base:CRIDType"/>
            <xs:attribute name="SchedulerContentID"
type="mailxml_base:s12"/>
            <xs:attribute name="ConsigneeContentID"
type="mailxml_base:s12"/>
            <xs:attribute name="RetrieveContentUpdatedStartDate"
type="xs:date"/>
            <xs:attribute name="RetrieveContentUpdatedEndDate"
type="xs:date"/>
        </xs:attributeGroup>

        <!--=== Induction Closeout Message Header=====>
        <xs:attributeGroup name="InductionCloseoutMsgHeaderInfo">
            <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12" use="required"/>
            <xs:attribute name="SchedulerID" type="mailxml_base:s12"
use="optional"/>
            <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12" use="required"/>
        </xs:attributeGroup>

        <!--=== Partner Appt Request Header Info =====>
        <!--=== V9.0 dk GW 002 =====>
        <xs:attributeGroup name="PartnerApptRequestHeaderInfo">

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        <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12"/>
        <xs:attribute name="SchedulerID" type="mailxml_base:s12"/>
        <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12"/>
        <xs:attribute name="SchedulerCRID"
type="mailxml_base:CRIDType"/>
        <xs:attribute name="SchedulerContentID"
type="mailxml_base:s12"/>
        <xs:attribute name="ConsigneeContentID"
type="mailxml_base:s12"/>
        <xs:attribute name="Start" type="xs:dateTime"/>
        <xs:attribute name="End" type="xs:dateTime"/>
        <xs:attribute name="RetrieveContentUpdatedStartDate"
type="xs:date"/>
        <xs:attribute name="RetrieveContentUpdatedEndDate"
type="xs:date"/>
    </xs:attributeGroup>

    <!--=== Pickup Request Header Info ===-->
    <xs:attributeGroup name="PickupRequestHeaderInfo">
        <xs:attribute name="ShipperApptRequestID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12"/>
        <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="SchedulerID" type="mailxml_base:s12"
use="required"/>
        <xs:attribute name="ApptType"
type="mailxml_base:apptTypeType"/>
    </xs:attributeGroup>

    <!--=== Pickup Response Header Info ===-->
    <xs:attributeGroup name="PickupResponseHeaderInfo">
        <xs:attribute name="ShipperApptRequestID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="SchedulerID" type="mailxml_base:s12"
use="required"/>
        <xs:attribute name="ApptType"
type="mailxml_base:apptTypeType"/>
    </xs:attributeGroup>

    <!--=== Pickup Response Unscheduled Header Info ===-->
    <xs:attributeGroup name="PickupResponseUnscheduledHeaderInfo">
        <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="SchedulerID" type="mailxml_base:s12"/>
        <xs:attribute name="ApptType"
type="mailxml_base:apptTypeType"/>
    </xs:attributeGroup>

```

```

        <!--=== Recurring Appt Query Request Header Info===-->
        <!--=== V9.0 dk BR 004, GW 002 ===-->
        <xs:attributeGroup name="RecurringApptQueryRequestHeaderInfo">
            <xs:attribute name="CreatorSchedulerID"
type="mailxml_base:s12"/>
            <xs:attribute name="CreatorSchedulerCorpID"
type="mailxml_base:s12"/>
            <xs:attribute name="CreatorSchedulerCRID"
type="mailxml_base:CRIDType"/>
            <xs:attribute name="RecurringApptStatus"
type="mailxml_base:recurringStatusType" use="required"/>
            <xs:attribute name="RecurringApptID"
type="mailxml_base:s08"/>
            <xs:attribute name="RetrieveContentUpdatedStartDate"
type="xs:date"/>
            <xs:attribute name="RetrieveContentUpdatedEndDate"
type="xs:date"/>
        </xs:attributeGroup>

        <!--=== Recurring Appt Query Response Header ===-->
        <!--=== V9.0 dk GW 002 ===-->
        <xs:attributeGroup name="RecurringApptQueryResponseHeaderInfo">
            <xs:attribute name="CreatorSchedulerID"
type="mailxml_base:s12"/>
            <xs:attribute name="CreatorSchedulerCorpID"
type="mailxml_base:s12"/>
            <xs:attribute name="CreatorSchedulerCRID"
type="mailxml_base:CRIDType"/>
            <xs:attribute name="RecurringApptID"
type="mailxml_base:s08" use="required"/>
            <xs:attribute name="ApptType"
type="mailxml_base:apptTypeType" use="required"/>
            <xs:attribute name="RecurringApptStatus"
type="mailxml_base:recurringStatusType" use="required"/>
            <xs:attribute name="RetrieveContentUpdatedStartDate"
type="xs:date"/>
            <xs:attribute name="RetrieveContentUpdatedEndDate"
type="xs:date"/>
        </xs:attributeGroup>

        <!--=== Response Appointment Update Message Header===-->
        <xs:attributeGroup name="ResponseApptUpdateMsgHeaderInfo">
            <xs:attribute name="ShipperApptRequestID"
type="mailxml_base:s12" use="required"/>
            <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12" use="required"/>
            <xs:attribute name="SchedulerID" type="mailxml_base:s12"/>
            <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12"/>
            <xs:attribute name="SchedulerCRID"
type="mailxml_base:CRIDType"/>
            <xs:attribute name="ApptType"
type="mailxml_base:apptTypeType" use="required"/>

```

```

        <xs:attribute name="PickupOrDelivery"
type="mailxml_base:pickupOrDeliveryType" use="required"/>
        <xs:attribute name="PalletPositionCount"
type="mailxml_base:n02"/>
    </xs:attributeGroup>

    <!--== Response Multistop Message Header ==-->
    <xs:attributeGroup name="ResponseMultiStopMsgHeaderInfo">
        <xs:attribute name="ShipperApptRequestID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="SchedulerID" type="mailxml_base:s12"
use="required"/>
        <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="ShipperMultiStopID"
type="mailxml_base:s12"/>
        <xs:attribute name="ConsigneeMultiStopID"
type="mailxml_base:s12"/>
        <xs:attribute name="PickupOrDelivery"
type="mailxml_base:pickupOrDeliveryType" use="required"/>
        <xs:attribute name="ShipperStopNumber"
type="mailxml_base:n06"/>
    </xs:attributeGroup>

    <!--== Status Query Msg Info Header ==-->
    <xs:attributeGroup name="StatusQueryMsgHeaderInfo">
        <xs:attribute name="CreatorSchedulerCorpID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="CreatorSchedulerID"
type="mailxml_base:s12" use="optional"/>
    </xs:attributeGroup>

    <!--== Status Request Msg Info Header ==-->
    <xs:attributeGroup name="StatusRequestMsgHeaderInfo">
        <xs:attribute name="CloseoutResponseID"
type="mailxml_base:s12" use="optional"/>
        <xs:attribute name="CreatorSchedulerCorpID"
type="mailxml_base:s12" use="optional"/>
        <xs:attribute name="CreatorSchedulerID"
type="mailxml_base:s12" use="optional"/>
        <xs:attribute name="CreatorSchedulerCRID"
type="mailxml_base:CRIDType" use="optional"/>
    </xs:attributeGroup>

    <!--== Status Request By Times Msg Info Header ==-->
    <xs:attributeGroup name="StatusRequestByTimeMsgHeaderInfo">
        <xs:attribute name="SchedulerID" type="mailxml_base:s12"
use="required"/>
        <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="CreatorSchedulerCorpID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="CreatorSchedulerID"
type="mailxml_base:s12" use="optional"/>

```

```

        <xs:attribute name="Start" type="xs:dateTime"
use="optional"/>
        <xs:attribute name="End" type="xs:dateTime"
use="optional"/>
    </xs:attributeGroup>

    <!--== Unscheduled Response Message Header==-->
    <xs:attributeGroup name="UnscheduledResponseMsgHeaderInfo">
        <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="SchedulerID" type="mailxml_base:s12"/>
        <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12"/>
        <xs:attribute name="SchedulerCRID"
type="mailxml_base:CRIDType"/>
        <xs:attribute name="ApptType"
type="mailxml_base:apptTypeType" use="optional"/>
    </xs:attributeGroup>

    <!--== ++++++ ===== -->

    <!--== Delivery Appt. Closeout Messages ==-->
    <!-- -->
    <!-- ===== -->

    <!--== All Delivery Appt. Closeout Delivery ==-->
    <!--== v9.0 dk TM 502 ==-->
    <xs:element name="AllApptCloseoutDelivery">
        <xs:annotation>
            <xs:documentation>Delivery of full service closeout
data of appointments from USPS.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:element ref="mailxml_defs:DataRecipient"
minOccurs="0"/>
                <xs:choice>
                    <xs:sequence>
                        <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                        <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                    </xs:sequence>
                    <xs:sequence>
                        <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                        <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                    </xs:sequence>
                </xs:choice>
                <xs:element name="PushMessageID"
type="mailxml_base:s25" minOccurs="0"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

        <xs:element
name="FullServiceAllApptCloseoutAccept"
type="mailxml_tm:allDeliveryApptCloseoutAcceptType"
maxOccurs="unbounded"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupOptionalType"/>
        </xs:complexType>
    </xs:element>

    <!--=== All Delivery Appt. Closeout Request ===-->
    <xs:element name="AllDeliveryApptCloseoutRequest">
        <xs:annotation>
            <xs:documentation>Request to closeout all delivery
appointments.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_tm:StatusRequestByTimeMsgHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--=== All Appt Closeout Response ===-->
    <!--=== Response to AllDeliveryApptCloseoutRequest and
AllPickupApptCloseoutRequest ===-->
    <!--=== v9.0 dk TM 503 ===-->
    <xs:element name="AllApptCloseoutResponse">
        <xs:annotation>
            <xs:documentation>Response to the request to closeout
all delivery appointments.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="AllDeliveryApptCloseoutAccept">
                        <xs:annotation>
                            <xs:documentation>Response indicating that all
delivery appointments have been closed.</xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element
ref="mailxml_tm:ConsigneeGoodsReceipt" minOccurs="0"
maxOccurs="unbounded"/>
                                <xs:element
ref="mailxml_tm:UnscheduledConsigneeGoodsReceipt" minOccurs="0"
maxOccurs="unbounded"/>

```

```

        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_tm:StatusRequestMsgHeaderInfo"/>
        </xs:complexType>
    </xs:element>
    <xs:element name="AllDeliveryApptCloseoutReject">
    <xs:annotation>
        <xs:documentation>Response indicating that all
delivery appointments could not be closed and why.</xs:documentation>
    </xs:annotation>
        <xs:complexType>
        <xs:sequence>
            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_tm:StatusRequestMsgHeaderInfo"/>
        </xs:complexType>
    </xs:element>
</xs:choice>
</xs:sequence>
<xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupOptionalType"/>
</xs:complexType>
</xs:element>

<!--== All Delivery Appt. Closeout Notification ==-->
<!--== v9.0 dk TM 502 ==-->
<xs:element name="AllApptCloseoutNotification">
    <xs:annotation>
        <xs:documentation>Notification from UPSP that full
service closeout data is ready to be picked up.</xs:documentation>
    </xs:annotation>
        <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="CRID"
type="mailxml_base:CRIDType" minOccurs="0"/>
            <xs:choice>
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:choice>
            <xs:element name="NotificationDate"
type="xs:date"/>

```

```

        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--===      All Pickup Appt. Closeout Messages      ===-->
<!--      -->
<!--      =====      -->

<!--=== All Pickup Appt. Closeout Request      ===-->
<xs:element name="AllPickupApptCloseoutRequest">
    <xs:annotation>
        <xs:documentation>Message sent from the Shipper to
the Consignee to check the closeout status of all pickup appointments--
scheduled and unscheduled.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        </xs:sequence>
        <xs:attribute name="ShipperID" use="required"/>
        <xs:attribute name="ShipperCorpID" use="required"/>
        <xs:attribute name="Start" type="xs:dateTime"
use="required"/>
        <xs:attribute name="End" type="xs:dateTime"
use="required"/>
    </xs:complexType>
</xs:element>

<!--===      Appt. Induction Closeout Messages      ===-->
<!--      -->
<!--      =====      -->

<!--=== Appt Induction Closeout Request Type ===-->
<xs:element name="ApptInductionCloseoutRequest">
    <xs:annotation>
        <xs:documentation>Message sent by the Consignee to the
Shipper to request induction closeouts.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="ApptCloseout"
type="xs:dateTime" maxOccurs="unbounded">
                </xs:element>
        </xs:sequence>

```

```

        <xs:attributeGroup
ref="mailxml_tm:InductionCloseoutMsgHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--=== Appt Induction Closeout Response Type ===-->
    <!--=== V9.0 dk TM 503 ===-->
    <xs:element name="ApptInductionCloseoutResponse">
        <xs:annotation>
            <xs:documentation>Response from the Shipper providing
induction closeout information.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="ApptInductionCloseoutAccept"
type="mailxml_tm:apptCloseoutResponseType"/>
                    <xs:element name="ApptInductionCloseoutReject"
type="mailxml_tm:apptCloseoutNotAvailableResponseType"/>
                </xs:choice>
            </xs:sequence>
        </xs:complexType>
        <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupOptionalType"/>
    </xs:element>

    <!--=== Consignee Goods Receipt Messages ===-->
    <!-- -->
    <!-- ===== -->

    <!--=== Consignee Goods Receipt ===-->
    <xs:element name="ConsigneeGoodsReceipt">
        <xs:annotation>
            <xs:documentation>A report or message indicating
delivery closeout status for a scheduled
appointment.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="ApptBlockGoodsReceipt"
type="mailxml_tm:apptBlockGoodsType"/>
                <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" minOccurs="0" maxOccurs="unbounded"/>
                <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
                <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
            </xs:sequence>
        </xs:complexType>
        <xs:attributeGroup
ref="mailxml_defs:ResponseMsgHeaderInfo"/>
    </xs:element>

```

```

        <!--====      Consignee Goods Receipt Delivery      =====>
        <!--==== This is PUSHED by PostalOne      =====>
        <xs:element name="ConsigneeGoodsReceiptDelivery">
            <xs:annotation>
                <xs:documentation>Delivery of a consignee goods
receipt from the USPS</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                    <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                    <xs:element ref="mailxml_defs:DataRecipient"
minOccurs="0"/>
                    <xs:choice>
                        <xs:sequence>
                            <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                            <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                        </xs:sequence>
                        <xs:sequence>
                            <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                            <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                        </xs:sequence>
                    </xs:choice>
                    <xs:element name="PushMessageID"
type="mailxml_base:s25" minOccurs="0" />
                    <xs:sequence>
                        <xs:element name="ApptBlockGoodsReceipt"
type="mailxml_tm:apptBlockGoodsType"/>
                        <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" minOccurs="0" maxOccurs="unbounded"/>
                        <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
                        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
                    </xs:sequence>
                </xs:sequence>
            </xs:complexType>
        </xs:element>

        <!--====      Consignee Goods Receipt Notification      =====>
    >
        <!--==== This is PUSHED by PostalOne      =====>
        <xs:element name="ConsigneeGoodsReceiptNotification">
            <xs:annotation>
                <xs:documentation>Notification that a consignee goods
receipt is ready for pickup from the USPS.</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>

```

```

        <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
        <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        <xs:element name="CRID"
type="mailxml_base:CRIDType" minOccurs="0"/>
        <xs:choice>
            <xs:sequence>
                <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
            </xs:sequence>
            <xs:sequence>
                <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
            </xs:sequence>
        </xs:choice>
        <xs:element name="NotificationDate"
type="xs:date"/>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--====      Container Status Query Messages      =====>
<!--      -->
<!--      =====      -->

<!--====Container Status Query Request =====>
<xs:element name="ContainerStatusQueryRequest">
    <xs:annotation>
        <xs:documentation>Query request for container
status.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:sequence minOccurs="unbounded">
                <xs:choice >
                    <xs:element name="ContainerID"
type="mailxml_defs:containerIDType" minOccurs="unbounded"/>
                    <xs:element name="ConsigneeApptID"
type="mailxml_base:s12" minOccurs="unbounded"/>
                    <xs:element name="ContentID"
type="mailxml_tm:contentIDType" minOccurs="unbounded"/>
                </xs:choice>
            </xs:sequence>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_tm:StatusQueryMsgHeaderInfo"/>
    </xs:complexType>

```

```

</xs:element>

<!--====Container Status Query Response ====-->
<xs:element name="ContainerStatusQueryResponse">
  <xs:annotation>
    <xs:documentation>Response to the Query request for
container status.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
      <xs:choice>
        <xs:element name="QueryResults">
          <xs:annotation>
            <xs:documentation></xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element
name="ContainerStatusInfoType"
type="mailxml_tm:containerStatusInfoType" maxOccurs="unbounded"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element ref="mailxml_defs:QueryError"/>
      </xs:choice>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_tm:StatusQueryMsgHeaderInfo"/>
  </xs:complexType>
</xs:element>

<!--====      Container Update Messages      ====-->
<!--      -----      -->
<!--      =====      -->

<!--====  Container Update Request  ====-->
<xs:element name="ContainerUpdateRequest">
  <xs:annotation>
    <xs:documentation>Request to update Mail.dat
container information.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
      <xs:element name="SummaryRecordUpdate"
type="mailxml_tm:summaryRecordUpdateType" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

    <!--=== Container Update Response ===-->
    <xs:element name="ContainerUpdateResponse">
        <xs:annotation>
            <xs:documentation>Response to the request to update
container information.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice maxOccurs="unbounded">
                    <xs:element name="ContainerUpdateAccept">
                        <xs:annotation>
                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element
name="FullContainerID" type="mailxml_defs:fullContainerIDType"/>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                    <xs:element name="ContainerUpdateReject">
                        <xs:annotation>
                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element
name="FullContainerID" type="mailxml_defs:fullContainerIDType"/>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                </xs:choice>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

    <!--=== Customer Supplier Agreement Messages ===-->
    <!-- -->
    <!-- ===== -->

    <!--=== Customer Supplier Agreement Query Request ===-->
    <xs:element name="CustomerSupplierAgreementQueryRequest">
        <xs:annotation>
            <xs:documentation>Query request for for a Customer
Supplier Agreement (CSA).</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>

```

```

        <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
        <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_tm:CustomerSupplierAgreementQueryMsgHeaderInfo"/>
</xs:complexType>
</xs:element>

<!--=== Customer Supplier Agreement Query Response ===-->
<xs:element name="CustomerSupplierAgreementQueryResponse">
    <xs:annotation>
        <xs:documentation>Response to the Query request for
for a Customer Supplier Agreement (CSA).</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="QueryResults">
                    <xs:annotation>

<xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="CSAInfo"
type="mailxml_tm:csaInfoType" minOccurs="0" maxOccurs="unbounded" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="QueryError"
type="mailxml_defs:queryErrorType"/>
            </xs:choice>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_tm:CustomerSupplierAgreementQueryMsgHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--=== Delivery Appt Messages ===-->
<!-- -->
<!-- ===== -->

<!--=== Delivery Appt Content Remove Request ===-->
<xs:element name="DeliveryApptContentRemoveRequest">
    <xs:annotation>
        <xs:documentation>Request to remove content from a
delivery appointment.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>

```

```

        <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
        <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        <xs:element name="ContentID"
type="mailxml_tm:contentIDType" minOccurs="1" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_tm:ContentRemoveRequestMsgHeaderInfo"/>
</xs:complexType>
</xs:element>

<!--== Delivery Appt Content Remove RespOnse ==-->
<xs:element name="DeliveryApptContentRemoveResponse">
    <xs:annotation>
        <xs:documentation>Response to the request to remove
content from a delivery appointment.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element
name="DeliveryApptContentRemoveAccept"
type="mailxml_tm:deliveryApptContentRemoveAcceptType"/>
                <xs:element
name="DeliveryApptContentRemoveReject"
type="mailxml_tm:deliveryApptContentRemoveRejectType"/>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--== Delivery Appt Cancel Request ==-->
<xs:element name="DeliveryApptCancelRequest">
    <xs:annotation>
        <xs:documentation>Request to cancel a delivery
appointment.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="ReturnInfo"
type="mailxml_tm:optReturnInfoType"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:ResponseMsgHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--== Delivery Appt Cancel Response==-->
<xs:element name="DeliveryApptCancelResponse">

```

```

        <xs:annotation>
            <xs:documentation>Response to the request to cancel a
delivery appointment.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="DeliveryApptCancelAccept">
                    <xs:annotation>

        <xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <!-- <xs:sequence>
                            <xs:element
name="CancelConfirmID" type="mailxml_base:s12"/>
                        </xs:sequence> -->
                        <xs:attributeGroup
ref="mailxml_defs:ResponseMsgHeaderInfo"/>
                        </xs:complexType>
                    </xs:element>
                    <xs:element
name="DeliveryApptCancelReject">
                        <xs:annotation>

        <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/>
                            </xs:sequence>
                            <xs:attributeGroup
ref="mailxml_defs:ResponseMsgHeaderInfo"/>
                            </xs:complexType>
                        </xs:element>
                    </xs:choice>
                </xs:sequence>
            </xs:complexType>
        </xs:element>

        <!--=== Delivery Appt Cancel Create Request ===-->
        <xs:element name="DeliveryApptCancelCreateRequest">
            <xs:annotation>
                <xs:documentation>Request to cancel a delivery
appointment and create a new one.</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                    <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>

```

```

        <xs:element name="ApptCancel"
maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/>
                </xs:sequence>
                <xs:attribute
name="ConsigneeApptID" type="mailxml_base:s12" use="required"/>
            </xs:complexType>
        </xs:element>
        <xs:element name="ApptBlock"
type="mailxml_tm:apptBlockRequestType"/>
        <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_tm:CancelCreateMsgHeaderInfo"/>
    <!-- above is a new attribute groups -->
</xs:complexType>
</xs:element>

<!--=== Delivery Appt Cancel Create Response ===-->
<xs:element name="DeliveryApptCancelCreateResponse">
    <xs:annotation>
        <xs:documentation>Response to the request to cancel a
delivery appointment and create a new one.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice maxOccurs="unbounded">
                <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/>
                <xs:element name="ApptCancel">
                    <xs:complexType>
                        <xs:attribute
name="ConsigneeApptID" type="mailxml_base:s12" use="required"/>
                    </xs:complexType>
                </xs:element>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--=== Delivery Appt Create Request ===-->
<xs:element name="DeliveryApptCreateRequest">
    <xs:annotation>

```

```

        <xs:documentation>Request to create a delivery
appointment.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:choice>
                <xs:element name="RecurringAppt"
type="mailxml_tm:recurringApptType"/>
                <xs:element name="OneTimeAppt"
type="mailxml_tm:oneTimeApptType"/>
            </xs:choice>
            <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" maxOccurs="unbounded"/>
            <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
            <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
            <xs:element name="Comment"
type="mailxml_base:s256" minOccurs="0"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:RequestMsgHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--== Delivery Appt Create Response ==-->
<xs:element name="DeliveryApptCreateResponse">
    <xs:annotation>
        <xs:documentation>Response to the request to create a
delivery appointment.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="DeliveryApptCreateAccept"
type="mailxml_tm:deliveryApptAcceptType"/>
                <xs:element name="DeliveryApptCreateReject"
type="mailxml_tm:deliveryApptRejectType"/>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--== Delivery Appt MultiStop Update ==-->
<xs:element name="DeliveryApptMultiStopUpdateRequest">
    <xs:annotation>
        <xs:documentation>Request to update a multistop
delivery appointment.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>

```

```

        <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
        <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_tm:ResponseMultiStopMsgHeaderInfo"/>
</xs:complexType>
</xs:element>

<!--== Delivery Appt Query Request ==-->
<xs:element name="DeliveryApptQueryRequest">
    <xs:annotation>
        <xs:documentation>Query request for for availability
of a particular appointment.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:choice>
                <xs:element name="RecurringAppt"
type="mailxml_tm:recurringApptType"/>
                <xs:element name="OneTimeAppt"
type="mailxml_tm:oneTimeApptType"/>
                <xs:element name="SlotAvailibilty"
type="mailxml_tm:slotAvailibilityType"/>
            </xs:choice>
            <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" minOccurs="0" maxOccurs="unbounded"/>
            <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
            <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
            <xs:element name="Comment"
type="mailxml_base:s256" minOccurs="0"/>
        </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:RequestMsgHeaderInfo"/>
</xs:complexType>
</xs:element>

<!--== Delivery Appt Query Response ==-->
<xs:element name="DeliveryApptQueryResponse">
    <xs:annotation>
        <xs:documentation>Response to the Query request for
for availablity of a particular appointment.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>

```

```

        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:choice>
            <xs:element name="QueryResults">
                <xs:complexType>
                    <xs:sequence>
                        <xs:choice>
                            <xs:element name="RecurringAppt"
type="mailxml_tm:recurringApptType"/>
                            <xs:element name="OneTimeAppt"
type="mailxml_tm:oneTimeApptType"/>
                            <xs:element name="SlotAvailibilty"
type="mailxml_tm:slotAvailabilityType"/>
                        </xs:choice>
                        <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" minOccurs="0" maxOccurs="unbounded"/>
                        <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
                        <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
                        <xs:element name="Comment"
type="mailxml_base:s256" minOccurs="0"/>
                        <xs:element name="AvailableSlots"
type="mailxml_tm:availableSlotType" minOccurs="0"/>
                        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="QueryError"
type="mailxml_defs:queryErrorType"/>
        </xs:choice>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:RequestMsgHeaderInfo"/>
</xs:complexType>
</xs:element>

    <!--=== Delivery Appt. Status Query Request ===-->
    <xs:element name="DeliveryApptStatusQueryRequest">
        <xs:annotation>
            <xs:documentation>Query request for the status of a
delivery appointment.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:attributeGroup
ref="mailxml_tm:ApptStatusRequestMsgHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--=== Delivery Appt. Status Response ===-->
    <xs:element name="DeliveryApptStatusQueryResponse">
        <xs:annotation>
            <xs:documentation>Response to the Query request for
the status of a delivery appointment.</xs:documentation>

```

```

        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="QueryResults">
                        <xs:annotation>

        <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:choice>
                                    <xs:element
ref="mailxml_tm:DeliveryApptUpdate"/>
                                    <xs:element
ref="mailxml_tm:ConsigneeGoodsReceipt"/>
                                </xs:choice>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                    <xs:element ref="mailxml_defs:QueryError"/>
                </xs:choice>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

    <!--== Delivery Appt Transportation Update Messages ==-->
    <xs:element name="DeliveryApptTransportationUpdateRequest"
type="mailxml_tm:deliveryApptTransportationUpdateRequestType">
        <xs:annotation>
            <xs:documentation>Request to update the
transportation for a delivery appointment.</xs:documentation>
        </xs:annotation>
    </xs:element>

    <!--== Delivery Appt Transportation Update Response ==-->
    <xs:element name="DeliveryApptTransportationUpdateResponse"
type="mailxml_tm:deliveryApptTransportationUpdateResponseType">
        <xs:annotation>
            <xs:documentation>Response to the request to update
the transportation for a delivery appointment.</xs:documentation>
        </xs:annotation>
    </xs:element>

    <!--== Delivery Appt Update ==-->
    <!-- Note that this model without Submitting Software/party added
to support the status response ==-->
    <xs:element name="DeliveryApptUpdate">
        <xs:annotation>
            <xs:documentation></xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>

```

```

        <xs:element name="ApptBlockUpdate"
type="mailxml_tm:apptBlockUpdateType"/>
        <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" maxOccurs="unbounded"/>
        <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_tm:ResponseApptUpdateMsgHeaderInfo"/>
</xs:complexType>
</xs:element>

<!--=== Delivery Appt Update Request===-->
<!-- Note that this message cannot be used to update multistop
information. That is handled by a separate
DeliveryApptMultiStopUpdate message -->
<xs:element name="DeliveryApptUpdateRequest">
    <xs:annotation>
        <xs:documentation>Request to update a deliver
appointment.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:choice>
                <xs:element name="RecurringAppt"
type="mailxml_tm:recurringApptType"/>
                <xs:element name="OneTimeAppt"
type="mailxml_tm:oneTimeApptType"/>
            </xs:choice>
            <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" maxOccurs="unbounded"/>
            <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
            <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
            <xs:element name="Comment"
type="mailxml_base:s256" minOccurs="0"/>
            <xs:element name="ETA" type="xs:dateTime"
minOccurs="0"/>
            <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_tm:ResponseApptUpdateMsgHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--=== Delivery Appt Update Response ===-->
<xs:element name="DeliveryApptUpdateResponse">
    <xs:annotation>

```

```

        <xs:documentation>Response to the request to update a
deliver appointment.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="DeliveryApptUpdateAccept"
type="mailxml_tm:deliveryApptUpdateAcceptType">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="DeliveryApptUpdateReject"
type="mailxml_tm:deliveryApptUpdateRejectType">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--==== Delivery Appt Shell Messages =====>
<!-- -->
<!-- ===== -->

<!--====Delivery Appt Shell Cancel Messages =====>
<xs:element name="DeliveryApptShellCancelRequest"
type="mailxml_tm:deliveryApptShellCancelRequestType">
    <xs:annotation>
        <xs:documentation>Request to cancel a delivery
appointment shell to which content will be added
later.</xs:documentation>
    </xs:annotation>
</xs:element>

<!--==== Delivery Appt Shell Cancel Response =====>
<xs:element name="DeliveryApptShellCancelResponse"
type="mailxml_tm:deliveryApptShellCancelResponseType">
    <xs:annotation>
        <xs:documentation>Response to a request to cancel a
delivery appointment shell to which content will be added
later.</xs:documentation>
    </xs:annotation>
</xs:element>

<!--==== Delivery Appt Shell Create Request =====>
<!--==== v9.0 dk BR001 =====>
<xs:element name="DeliveryApptShellCreateRequest">
    <xs:annotation>

```

```

        <xs:documentation>Request to create a delivery
appointment shell to which content will be added
later.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
            <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
            <xs:element name="MailClass"
type="mailxml_base:mailClassType" maxOccurs="unbounded"/>
            <xs:choice>
                <xs:element name="RecurringAppt"
type="mailxml_tm:recurringApptType"/>
                <xs:element name="OneTimeAppt"
type="mailxml_tm:oneTimeApptType"/>
            </xs:choice>
            <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
            <xs:element name="Comment"
type="mailxml_base:s256" minOccurs="0"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:RequestMsgHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--=== Delivery Appt Shell Create Response ===->
<xs:element name="DeliveryApptShellCreateResponse">
    <xs:annotation>
        <xs:documentation>Response to the request to create a
delivery appointment shell to which content will be added
later.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element
name="DeliveryApptShellCreateAccept"
type="mailxml_tm:deliveryApptShellAcceptType">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element
name="DeliveryApptShellCreateReject"
type="mailxml_tm:deliveryApptShellRejectType">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

        </xs:element>
    </xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--=== Delivery Appt Shell Update Request === -->
<!--=== v9.0 dk BR 001 ===-->
<xs:element name="DeliveryApptShellUpdateRequest">
    <xs:annotation>
        <xs:documentation>Request to update a delivery
appointment shell to which content will be added
later.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
            <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
            <xs:element name="MailClass"
type="mailxml_base:mailClassType" maxOccurs="unbounded"/>
            <xs:choice>
                <xs:element name="RecurringAppt"
type="mailxml_tm:recurringApptType"/>
                <xs:element name="OneTimeAppt"
type="mailxml_tm:oneTimeApptType"/>
            </xs:choice>
            <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
            <xs:element name="Comment"
type="mailxml_base:s256" minOccurs="0"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:RequestMsgHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--=== Delivery Appt Shell Update Response ===-->
<xs:element name="DeliveryApptShellUpdateResponse">
    <xs:annotation>
        <xs:documentation>Response to the request to update a
delivery appointment shell to which content will be added
later.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="DeliveryApptShellAccept"
type="mailxml_tm:deliveryApptShellAcceptType">
                    <xs:annotation>

```

```

        <xs:documentation></xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DeliveryApptShellReject"
type="mailxml_tm:deliveryApptShellRejectType">
      <xs:annotation>
        <xs:documentation></xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--===      Delivery Content Messages      ===-->
<!--      -->
<!--      =====      -->

<!--=== DeliveryContentCancel Message Set === -->
<xs:element name="DeliveryContentCancelRequest"
type="mailxml_tm:deliveryContentCancelRequestType">
  <xs:annotation>
    <xs:documentation>Request to cancel delivery
content.</xs:documentation>
  </xs:annotation>
</xs:element>

<!--=== Delivery Content Cancel Response ===-->
<xs:element name="DeliveryContentCancelResponse"
type="mailxml_tm:deliveryContentCancelResponseType">
  <xs:annotation>
    <xs:documentation>Response to the request to to
cancel delivery content.</xs:documentation>
  </xs:annotation>
</xs:element>

<!--=== Delivery Content Create Request ===-->
<!--=== v9.0 dk BR 001      ===-->
<xs:element name="DeliveryContentCreateRequest">
  <xs:annotation>
    <xs:documentation>Request from the Shipper to the
Consignee to create content for delivery.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
      <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
      <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>

```

```

        <xs:element name="ContentDetailInfo"
type="mailxml_tm:contentDetailInfoType" maxOccurs="unbounded"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_tm:DeliveryContentHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--=== Delivery Content Create Response ===-->
    <xs:element name="DeliveryContentCreateResponse">
        <xs:annotation>
            <xs:documentation>Response to the request to create
content for delivery.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="DeliveryContentAccept"
type="mailxml_tm:deliveryContentAcceptType"/>
                    <xs:element name="DeliveryContentReject"
type="mailxml_tm:deliveryContentRejectType"/>
                </xs:choice>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

    <!--=== Delivery Content Query Request ===-->
    <!--=== V9.0 dk BR 001 ===-->
    <xs:element name="DeliveryContentQueryRequest">
        <xs:annotation>
            <xs:documentation>Query request for delivery
content.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
                <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_tm:DeliveryContentQueryMsgHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--=== Delivery Content Query Response === -->
    <!--=== v9.0 dk BR 001 ===-->
    <xs:element name="DeliveryContentQueryResponse">
        <xs:annotation>

```

```

        <xs:documentation>Response to the Query request for
delivery content.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="QueryResults">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
                            <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
                            <xs:element name="ContentDetailInfoUpdate"
type="mailxml_tm:contentDetailInfoUpdateType" minOccurs="0"
maxOccurs="unbounded"/>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="QueryError"
type="mailxml_defs:queryErrorType"/>
            </xs:choice>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_tm:DeliveryContentQueryMsgHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--=== Delivery Content Update Request ===-->
<!--=== v9.0 dk BR 001 ===-->
<xs:element name="DeliveryContentUpdateRequest">
    <xs:annotation>
        <xs:documentation>Request from the Shipper to the
Consignee to update the content for delivery.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
            <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
            <xs:element name="ContentDetailInfoUpdate"
type="mailxml_tm:contentDetailInfoUpdateType" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

        <xs:attributeGroup
ref="mailxml_tm:DeliveryContentUpdateHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--== Delivery Content Update Response ==-->
    <xs:element name="DeliveryContentUpdateResponse">
        <xs:annotation>
            <xs:documentation>Response to the request from the
Shipper to the Consignee to update the content for
delivery.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="DeliveryContentUpdateAccept"
type="mailxml_tm:deliveryContentUpdateAcceptType"/>
                    <xs:element name="DeliveryContentUpdateReject"
type="mailxml_tm:deliveryContentUpdateRejectType"/>
                </xs:choice>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

    <!--== Delivery Re-appt Messages ==-->
    <!-- -->
    <!-- ===== -->

    <!--== Delivery Re-Appt Request==-->
    <xs:element name="DeliveryReApptRequest">
        <xs:annotation>
            <xs: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</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:element name="ApptBlock"
type="mailxml_tm:apptBlockRequestType"/>
                <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" maxOccurs="unbounded"/>
                <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_defs:ResponseMsgHeaderInfo"/>

```

```

        </xs:complexType>
    </xs:element>

    <!--===      Goods Receipt Response Message      ===-->
    <!--      -->
    <!--      =====      -->

    <!--=== Goods Receipt Response ===-->
    <xs:element name="GoodsReceiptResponse">
        <xs:annotation>
            <xs:documentation>Response to the consignee goods
response message.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="OK">
                        <xs:complexType/>
                    </xs:element>
                    <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/>
                </xs:choice>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

    <!--===      Open Appt Query Messages      ===-->
    <!--      -->
    <!--      =====      -->

    <!--=== Open Appt Query Request ===-->
    <xs:element name="OpenApptQueryRequest">
        <xs:annotation>
            <xs:documentation>Query request for available
delivery appointments.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
                <xs:element name="OptionalAppt"
type="mailxml_tm:optionalApptType" maxOccurs="unbounded"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_defs:QueryMsgHeaderInfo"/>
        </xs:complexType>
    </xs:element>

```

```

<!--=== Open Appt Query Response      ===-->

<xs:element name="OpenApptQueryResponse">
  <xs:annotation>
    <xs:documentation>Response to the query request for
available delivery appointments.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
      <xs:choice>
        <xs:element name="QueryResults">
          <xs:annotation>
            <xs:documentation></xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
              <xs:element name="AvailableAppt"
type="mailxml_tm:availableApptType" minOccurs="0"
maxOccurs="unbounded"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element ref="mailxml_defs:QueryError"/>
      </xs:choice>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:QueryMsgHeaderInfo"/>
  </xs:complexType>
</xs:element>

```

```

<!--=== Partner Appointment Messages      ===-->
<!--      -->
<!--      =====      -->

```

```

<!--=== Partner Appt Query Request      ===-->
<xs:element name="PartnerApptQueryRequest">
  <xs:annotation>
    <xs:documentation>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.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
      <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
    </xs:sequence>

```

```

        <xs:attributeGroup
ref="mailxml_tm:PartnerApptRequestHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--=== Partner Appt Query Response - ===-->
<xs:element name="PartnerApptQueryResponse">
    <xs:annotation>
        <xs: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.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="QueryResults">
                        <xs:annotation>
                            <xs:documentation>
                                </xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence minOccurs="0"
maxOccurs="unbounded">
                                <xs:element
name="ApptBlock" type="mailxml_tm:PartnerApptBlockType"/>
                                    <xs:element
name="ReturnInfo" type="mailxml_defs:returnInfoType" minOccurs="0"/>
                                        </xs:sequence>
                                    </xs:complexType>
                                </xs:element>
                                    <xs:element name="QueryError"
type="mailxml_defs:queryErrorType"/>
                                        </xs:choice>
                                    </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_tm:PartnerApptRequestHeaderInfo"/>
                                    </xs:complexType>
                                </xs:element>

<!--=== Partner Content Assign Messages ===-->
<!--=== v9.0 dk SS 510 ===-->

<!--=== Partner Content Assignment Request ===-->
<xs:element name="PartnerContentAssignmentRequest">
    <xs:annotation>
        <xs:documentation>Request from a users such as owner,
preparer, consolidator, scheduler to assign the content to another
user</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>

```

```

        <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
        <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        <xs:element name="CurrentPartnerOwner"
type="mailxml_defs:participantIDType"/>
        <xs:element name="PartnerContentAssignedTo"
type="mailxml_tm:partnerContentAssignmentType" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12" use="required"/>
</xs:complexType>
</xs:element>

<!--=== Partner Content Assignment Response ===-->
<xs:element name="PartnerContentAssignmentResponse">
<xs:annotation>
    <xs:documentation>Response to the request from a user for
assignment of content to other user</xs:documentation>
</xs:annotation>
<xs:complexType>
    <xs:sequence>
        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:choice>
            <xs:element name="PartnerContentAssignmentAccepted"
type="mailxml_tm:partnerContentAssignmentType" maxOccurs="unbounded"/>
            <xs:element name="PartnerContentAssignmentRejected"
type="mailxml_defs:returnInfoType"/>
        </xs:choice>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--=== Pickup Appointment Messages ===-->
<!-- -->
<!-- ===== -->

<!--=== Pickup Appt Cancel Request ===-->
<xs:element name="PickupApptCancelRequest">
    <xs:annotation>
        <xs:documentation>Request to cancel a pickup delivery
appointment.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>

```

```

        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_tm:PickupResponseHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--=== Pickup Appt Cancel Response ===-->
    <xs:element name="PickupApptCancelResponse">
        <xs:annotation>
            <xs:documentation>Response to a request to cancel a
pickup delivery appointment.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="DeliveryApptCancelAccept">
                        <xs:annotation>
                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_tm:PickupResponseHeaderInfo"/>
                            </xs:complexType>
                        </xs:element>
                        <xs:element
name="DeliveryApptCancelReject">
                            <xs:annotation>
                                <xs:documentation></xs:documentation>
                            </xs:annotation>
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/>
                                </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_tm:PickupResponseHeaderInfo"/>
                            </xs:complexType>
                        </xs:element>
                    </xs:choice>
                </xs:sequence>
            </xs:complexType>
        </xs:element>

    <!--=== Pickup Appt Create Request ===-->
    <xs:element name="PickupApptCreateRequest">
        <xs:annotation>
            <xs:documentation>Request to create a pickup delivery
appointment.</xs:documentation>
        </xs:annotation>

```

```

        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:element name="ApptBlock"
type="mailxml_tm:pickupApptBlockRequestType"/>
                <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" maxOccurs="unbounded"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_tm:PickupRequestHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--== Pickup Appt Create Response ==-->
    <xs:element name="PickupApptCreateResponse">
        <xs:annotation>
            <xs:documentation>Response to a request to create a
pickup delivery appointment.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="PickupApptCreateAccept">
                        <xs:annotation>
                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element name="ApptInfo"
type="mailxml_tm:pickupApptBlockResponseType"/>
                                <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType"/>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                            </xs:sequence>
                            <xs:attributeGroup
ref="mailxml_tm:PickupResponseHeaderInfo"/>
                        </xs:complexType>
                    </xs:element>
                    <xs:element name="PickupApptCreateReject">
                        <xs:annotation>
                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element name="ApptInfo"
type="mailxml_tm:pickupApptBlockRequestType"/>
                                <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType"/>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>

```

```

                                </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_tm:PickupRequestHeaderInfo"/>
                                </xs:complexType>
                                </xs:element>
                                </xs:choice>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>

                                <!--=== Pickup Appt Update Request  ===-->
                                <!--=== CR 93 v3.0 dk  ===-->
                                <!--=== V5.0 dk CR 119 & 158  ===-->
                                <xs:element name="PickupApptUpdateRequest">
                                    <xs:annotation>
                                        <xs:documentation>Request to update a pickup delivery
appointment.</xs:documentation>
                                    </xs:annotation>
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                                            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                                            <xs:element name="ApptBlock"
type="mailxml_tm:pickupApptBlockRequestType"/>
                                            <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" maxOccurs="unbounded"/>
                                        </xs:sequence>
                                        <xs:attributeGroup
ref="mailxml_tm:PickupResponseHeaderInfo"/>
                                    </xs:complexType>
                                </xs:element>

                                <!--=== Pickup Appt Update Response  ===-->
                                <!--=== CR 93 v3.0 dk  ===-->
                                <xs:element name="PickupApptUpdateResponse">
                                    <xs:annotation>
                                        <xs:documentation>Response to a request to update a
pickup delivery appointment.</xs:documentation>
                                    </xs:annotation>
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                                            <xs:choice>
                                                <xs:element name="PickupApptUpdateAccept">
                                                    <xs:annotation>
                                                        <xs:documentation></xs:documentation>
                                                    </xs:annotation>
                                                    <xs:complexType>
                                                        <xs:sequence>
                                                            <xs:element name="ApptInfo"
type="mailxml_tm:pickupApptBlockResponseType"/>
                                                            <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType"/>

```

```

                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                                </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_tm:PickupResponseHeaderInfo"/>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="PickupApptUpdateReject">
                                <xs:annotation>
                                    <xs:documentation></xs:documentation>
                                </xs:annotation>
                                <xs:complexType>
                                    <xs:sequence>
                                        <xs:element name="ApptInfo"
type="mailxml_tm:pickupApptBlockRequestType"/>
                                        <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType"/>
                                        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                                    </xs:sequence>
                                    <xs:attributeGroup
ref="mailxml_tm:PickupResponseHeaderInfo"/>
                                    </xs:complexType>
                                </xs:element>
                                </xs:choice>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>

<!--====      Recurring Appointment Messages      =====>
<!--      -->
<!--      =====      -->

<!--==== Recurring Appt Query Request =====>
<xs:element name="RecurringApptQueryRequest">
    <xs:annotation>
        <xs:documentation>Query request for recurring
appointment information.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"
maxOccurs="unbounded"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_tm:RecurringApptQueryRequestHeaderInfo"/>
    </xs:complexType>
</xs:element>

```

```

<!--==== Recurring Appt Query Request ====-->
<xs:element name="RecurringApptQueryResponse">
  <xs:annotation>
    <xs:documentation>Response to the query for recurring
appointment information.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
      <xs:choice>
        <xs:element name="QueryResults">
          <xs:annotation>

            <xs:documentation></xs:documentation>
              </xs:annotation>
              <xs:complexType><xs:sequence>
                <xs:element name="RecurringApptBlock"
type="mailxml_tm:recurringApptBlockType" minOccurs="1"
maxOccurs="unbounded" />
                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0" /></xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="QueryError"
type="mailxml_defs:queryErrorType" />
          </xs:choice>
        </xs:sequence>
      </xs:complexType>
    </xs:element>

<!--====      Unscheduled Consignee Goods Messages      =====>
<!--      -->
<!--      =====      -->

<!--==== Unscheduled Consignee Goods Receipt ====-->
<xs:element name="UnscheduledConsigneeGoodsReceipt">
  <xs:annotation>
    <xs:documentation>A report or message indicating
delivery closeout status for an unscheduled
delivery.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element
name="ApptBlockUnscheduledGoodsReceipt"
type="mailxml_tm:apptBlockUnscheduledGoodsType" />
      <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" minOccurs="0" maxOccurs="unbounded" />
      <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0" />
      <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0" />
    </xs:sequence>

```

```

        <xs:attributeGroup
ref="mailxml_tm:UnscheduledResponseMsgHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--===      Unscheduled Consignee Goods Receipt Delivery=====>
<!--=== This is PUSHED by PostalOne          =====>
<xs:element name="UnscheduledConsigneeGoodsReceiptDelivery">
    <xs:annotation>
        <xs:documentation>Delivery by the USPS of an
unscheduled consignee goods receipt.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element ref="mailxml_defs:DataRecipient"
minOccurs="0"/>
            <xs:choice>
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:choice>
            <xs:element name="PushMessageID"
type="mailxml_base:s25" minOccurs="0" />
            <xs:element
name="ApptBlockUnscheduledGoodsReceipt"
type="mailxml_tm:apptBlockUnscheduledGoodsType"/>
            <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" minOccurs="0" maxOccurs="unbounded"/>
            <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--===      Unscheduled Consignee Goods Receipt Notification=====
>
    <xs:element name="UnscheduledConsigneeGoodsReceiptNotification">
        <xs:annotation>
            <xs:documentation>Notification by USPS that an
unscheduled consignee goods receipt is ready for
pickup.</xs:documentation>
        </xs:annotation>

```

```

        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:element name="CRID"
type="mailxml_base:CRIDType" minOccurs="0"/>
                <xs:choice>
                    <xs:sequence>
                        <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                        <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                    </xs:sequence>
                    <xs:sequence>
                        <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                        <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                    </xs:sequence>
                </xs:choice>
                <xs:element name="NotificationDate"
type="xs:date"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

<!--====          =====          =====>
<!--====          ELEMENT DEFINITIONS      =====>
<!--====          TRANSPORTATION          =====>
<!--====          =====          =====>

```

```

<!--====Element A====->
<!--          -->
<!--          =====          -->

```

```

<!--==== Actual Consignee Facility =====>
<!--          -->
<xs:element name="ActualConsigneeFacility"
type="mailxml_defs:consigneeFacilityType">
    <xs:annotation>
        <xs:documentation></xs:documentation>
    </xs:annotation>
</xs:element>

```

```

<!--==== Actual Truck Arrival =====>
<!--          -->
<xs:element name="ActualTruckArrival" type="xs:dateTime">
    <xs:annotation>
        <xs:documentation></xs:documentation>
    </xs:annotation>
</xs:element>

```

```

<!--==== Actual Start Unload =====>
<!--          -->

```

```

    <xs:element name="ActualStartUnload" type="xs:dateTime">
      <xs:annotation>
        <xs:documentation></xs:documentation>
      </xs:annotation>
    </xs:element>

    <!--== Actual End Unload ==-->
    <!-- -->
    <xs:element name="ActualEndUnload" type="xs:dateTime">
      <xs:annotation>
        <xs:documentation>Actual date/time when unload is
complete</xs:documentation>
      </xs:annotation>
    </xs:element>

    <!--== Appt Status ==-->
    <!-- -->
    <xs:element name="ApptStatus" type="mailxml_base:apptStatusType">
      <xs:annotation>
        <xs:documentation></xs:documentation>
      </xs:annotation>
    </xs:element>

    <!--==Element C==-->
    <!-- -->
    <!-- ===== -->

    <!--== Component Update Request ==-->
    <!--== v9.0 dk PT 03 ==-->
    <xs:element name="ComponentUpdateRequest">
      <xs:annotation>
        <xs:documentation>Request to update component weight
or ad percent</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
          <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
          <xs:element name="PieceWeightUpdate"
type="mailxml_tm:componentWeightUpdateType" minOccurs="0"
maxOccurs="unbounded"/>
          <xs:element name="AdPercentUpdate"
type="mailxml_tm:componentPeriodicalAdpercentType" minOccurs="0"
maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>

    <!--== Component Update Response ==-->
    <!--== v9.0 dk PT 03 ==-->
    <xs:element name="ComponentUpdateResponse">
      <xs:complexType>
        <xs:sequence>

```

```

        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:choice maxOccurs="unbounded">
            <xs:element name="ComponentUpdateAccept">
                <xs:annotation>
                    <xs:documentation/>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="Component"
type="mailxml_tm:fullComponentType"/>
                        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="ComponentUpdateReject">
                <xs:annotation>
                    <xs:documentation/>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="Component"
type="mailxml_tm:fullComponentType"/>
                        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:choice>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--=== Component Query Request      ===-->
<!--=== v9.0 dk PT 03                ===-->
<xs:element name="ComponentQueryRequest">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="Component"
type="mailxml_tm:fullComponentType" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--=== Component Query Response      ===-->
<!--=== v9.0 dk PT 03                ===-->
<xs:element name="ComponentQueryResponse">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice maxOccurs="unbounded">

```

```

        <xs:element name="ComponentQueryAccept">
            <xs:annotation>
                <xs:documentation/>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="Component "
type="mailxml_tm:fullComponentType"/>
                    <xs:element
name="ComponentWeight" type="mailxml_tm:componentWeightUpdateType"/>
                    <xs:element
name="ComponentAdPercent"
type="mailxml_tm:componentPeriodicalAdpercentType"/>
                    <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="ComponentQueryReject">
            <xs:annotation>
                <xs:documentation/>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="Component "
type="mailxml_tm:fullComponentType"/>
                    <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--====Element S====>
<!--      -->
<!--  =====  -->

<!--====  Scheduled Appt  ---->
<xs:element name="ScheduledAppt" type="xs:dateTime"/>

<!--==== Stale Content Messages  ---->
<!--====  ---->
<!--=====  ---->

<!--==== v9.0 DK CR 512  ---->

<!--==== Stale Content Delivery  ---->
<xs:element name="StaleContentDelivery">
    <xs:annotation>

```

```

        <xs:documentation>Push from USPS to Customer with the
Stale Content Data.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element ref="mailxml_defs:DataRecipient"
minOccurs="0"/>
            <xs:element name="PushMessageID"
type="mailxml_base:s25" minOccurs="0"/>
            <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"
maxOccurs="unbounded"/>
            <xs:element name="ContentDetailInfo"
type="mailxml_tm:contentDetailInfoType" minOccurs="0"
maxOccurs="unbounded"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_tm:DeliveryContentHeaderInfo"/>
        <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupOptionalType"/>
    </xs:complexType>
</xs:element>

<!--=== Stale Content Notification ===-->
<xs:element name="StaleContentNotification">
    <xs:annotation>
        <xs:documentation>Notification from USPS to customer
informing that stale conten exist which will be deleted in 90
days.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
            <xs:element name="NotificationDate" type="xs:date"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_tm:DeliveryContentHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--=== Stale Content Query Request ===-->
<!--=== V9.0 dk CR 512 ===-->
<xs:element name="StaleContentQueryRequest">
    <xs:annotation>
        <xs:documentation>Query request for stale delivery
content.</xs:documentation>
    </xs:annotation>

```

```

        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
                <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_tm:DeliveryContentQueryMsgHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--=== Stale Content Query Response === -->
    <!--=== v9.0 dk CR 512      ===-->
    <xs:element name="StaleContentQueryResponse">
        <xs:annotation>
            <xs:documentation>Response to the Query request for
stale delivery content.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="QueryResults">
                        <xs:annotation>

                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
                                <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
                                <xs:element name="ContentDetailInfoUpdate"
type="mailxml_tm:contentDetailInfoUpdateType" minOccurs="0"
maxOccurs="unbounded"/>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                    <xs:element name="QueryError"
type="mailxml_defs:queryErrorType"/>
                </xs:choice>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_tm:DeliveryContentQueryMsgHeaderInfo"/>
        </xs:complexType>
    </xs:element>

```

```

<!--====          =====          =====>
<!--====          COMPLEX TYPE DEFINITIONS          =====>
<!--====          TRANSPORTATION          =====>
<!--====          =====          =====>

<!--====ComplexType A=====>
<!--          -->
<!--          =====          -->

<!--==== All Delivery Appt Closeout Accept Type =====>
<!--==== v9.0 dk TM 502          =====>
<xs:complexType name="allDeliveryApptCloseoutAcceptType">
  <xs:annotation>
    <xs:documentation>Response indicating that all
delivery appointments have been closed.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element ref="mailxml_tm:ConsigneeGoodsReceipt"
minOccurs="0" maxOccurs="unbounded"/>
    <xs:element
ref="mailxml_tm:UnscheduledConsigneeGoodsReceipt" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attributeGroup
ref="mailxml_tm:StatusRequestMsgHeaderInfo"/>
</xs:complexType>

<!--==== Appt Block Request Type =====>
<xs:complexType name="apptBlockRequestType">
  <xs:sequence>
    <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
    <xs:element name="PreferredAppt" type="xs:dateTime"/>
    <xs:element name="OptionalAppt"
type="mailxml_tm:optionalApptType" minOccurs="0"
maxOccurs="unbounded"/>
    <xs:element name="Comment" type="mailxml_base:s256"
minOccurs="0"/>
  </xs:sequence>
</xs:complexType>

<!--==== Appt Block Update Type =====>
<xs:complexType name="apptBlockUpdateType">
  <xs:sequence>
    <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
    <xs:element name="PreferredAppt" type="xs:dateTime"/>

```

```

        <xs:element name="OptionalAppt" type="xs:dateTime"
minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="ETA" type="xs:dateTime"
minOccurs="0"/>
        <xs:element name="Comment" type="mailxml_base:s256"
minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--=== Appt Block Goods Type === -->
<!--=== v9.0 dk SS 511      ===-->
<xs:complexType name="apptBlockGoodsType">
    <xs:sequence>
        <xs:element name="MailClass"
type="mailxml_base:mailClassType" maxOccurs="unbounded"/>
        <xs:element name="ScheduledConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
        <xs:element ref="mailxml_tm:ActualConsigneeFacility"
minOccurs="0"/>
        <xs:element ref="mailxml_tm:ScheduledAppt"/>
        <xs:element ref="mailxml_tm:ActualTruckArrival"
minOccurs="0"/>
        <xs:element name="StartTheClockDate" type="xs:date"
minOccurs="0"/>
        <xs:element ref="mailxml_tm:ActualStartUnload"
minOccurs="0"/>
        <xs:element ref="mailxml_tm:ActualEndUnload"
minOccurs="0"/>
        <xs:element ref="mailxml_tm:ApptStatus"/>
        <xs:element name="ApptMethod"
type="mailxml_base:apptMethodType"/>
        <xs:element name="USPSDetail"
type="mailxml_defs:uspsDetailType" minOccurs="0"/>
        <xs:element name="VerificationLocation"
type="mailxml_base:verificationLocationType" minOccurs="0"/>
        <xs:element name="TransportationMethod"
type="mailxml_base:transportationMethodType" minOccurs="0"/>
        <xs:element name="ActualTotalPalletCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:element name="ActualPalletCount"
type="mailxml_defs:actualPalletType" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:choice>
            <xs:element name="EvsSamplingTime"
type="xs:dateTime" minOccurs="0"/>
            <xs:element name="EFileSamplingTime"
type="mailxml_tm:eFileSamplingTimeType" minOccurs="0"
maxOccurs="unbounded"/>
        </xs:choice>
        <xs:element name="Irregularities"
type="mailxml_base:closeoutIrregularitiesType" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element name="ActualBedload"
type="mailxml_defs:actualBedloadType" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>

```

```

        <xs:element name="ExemptionCode"
type="mailxml_base:exemptionCodeType" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>

<!--=== Appt Block Unscheduled Goods Type === -->
<!--=== Added MailClass in V2.0 ===-->
<!--=== v5.0 dk CR 164 / 159      ===-->
<!--=== v9.0 dk SS 511          ===-->
<xs:complexType name="apptBlockUnscheduledGoodsType">
    <xs:sequence>
        <xs:element name="MailClass"
type="mailxml_base:mailClassType" maxOccurs="unbounded"/>
        <xs:element
ref="mailxml_tm:ActualConsigneeFacility"/>
        <xs:element ref="mailxml_tm:ActualTruckArrival"
minOccurs="0"/>
        <xs:element name="StartTheClockDate" type="xs:date"
minOccurs="0"/>
        <xs:element ref="mailxml_tm:ActualStartUnload"
minOccurs="0"/>
        <xs:element ref="mailxml_tm:ActualEndUnload"
minOccurs="0"/>
        <xs:element ref="mailxml_tm:ApptStatus"/>
        <xs:element name="Irregularities"
type="mailxml_base:closeoutIrregularitiesType" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element name="ActualBedload"
type="mailxml_defs:actualBedloadType" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element name="ActualTotalPalletCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:element name="ActualPalletCount"
type="mailxml_defs:actualPalletType" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>

<!-- === Appt Closeout Type === -->
<xs:complexType name="apptCloseoutDetailType">
    <xs:sequence>
        <xs:element name="UserID" type="mailxml_base:s12"/>
        <xs:element name="ApptCloseOut" type="xs:dateTime"/>
        <xs:element name="ApptCloseoutEmployeeContactInfo"
type="mailxml_defs:commonContactType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!-- === Appt Information Type === -->
<xs:complexType name="apptInfoType">
    <xs:sequence>
        <xs:element name="ApptConsigneeID"
type="mailxml_base:s12"/>
        <xs:element name="ApptState"
type="mailxml_base:apptStateType"/>
        <xs:element ref="mailxml_tm:ScheduledAppt"/>

```

```

        <xs:element ref="mailxml_tm:ActualTruckArrival"/>
        <xs:element ref="mailxml_tm:ActualStartUnload"
minOccurs="0"/>
        <xs:element ref="mailxml_tm:ActualEndUnload"
minOccurs="0"/>
        <xs:element name="ApptCloseOutDetail"
type="mailxml_tm:apptCloseoutDetailType"/>
        <xs:element name="InductionProblem"
type="mailxml_tm:inductionProblemType" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>

<!-- === Appt Closeout Response Type === -->
<xs:complexType name="apptCloseoutResponseType">
    <xs:sequence>
        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:element name="ApptInfo"
type="mailxml_tm:apptInfoType"/>
        <xs:element name="ContainerInductionInfo"
type="mailxml_defs:containerInductionInfoType"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_tm:InductionCloseoutMsgHeaderInfo"/>
</xs:complexType>

<!-- === Appt Closeout Not Available Response Type === -->
<xs:complexType name="apptCloseoutNotAvailableResponseType">
    <xs:sequence minOccurs="0" maxOccurs="unbounded">
        <xs:element name="ReturnCode"
type="mailxml_base:ns04"/>
        <xs:element name="ReturnDescription"
type="mailxml_base:s260"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_tm:InductionCloseoutMsgHeaderInfo"/>
</xs:complexType>

<!-- === Available Appt Type === -->
<xs:complexType name="availableApptType">
    <xs:sequence>
        <xs:element name="Start" type="xs:dateTime"/>
        <xs:element name="End" type="xs:dateTime"/>
        <xs:element name="Units">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="UnitLoadType"
type="mailxml_base:unitLoadType"/>
                    <xs:element name="Quantity"
type="mailxml_base:n06"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
    </xs:sequence>

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</xs:complexType>

<!--== Available Slot Type ==-->
<xs:complexType name="availableSlotType">
  <xs:sequence>
    <xs:element name="MailClass"
type="mailxml_base:mailClassType" maxOccurs="unbounded"/>
    <xs:element name="Perishable" type="mailxml_base:yesNo"
minOccurs="0"/>
    <xs:element name="AvailableHours"
type="mailxml_tm:availableHourType" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>

<!--== Available Hour Type ==-->
<xs:complexType name="availableHourType">
  <xs:attribute name="PreferredAppt" type="xs:dateTime"/>
  <xs:attribute name="AvailableSlots"
type="mailxml_base:s02"/>
</xs:complexType>

<!--== Complex Type B ==-->
<!--== ==-->
<!--== ==-->

<!--== Bedload Handling Unit Type ==-->
<xs:complexType name="bedloadHandlingUnitType">
  <xs:sequence>
    <xs:element name="PreSortLevel"
type="mailxml_defs:presortType" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="Count" type="xs:nonNegativeInteger"
use="required"/>
</xs:complexType>

<!--== Bedload Unit Type ==-->
<xs:complexType name="bedloadUnitType">
  <xs:sequence>
    <xs:element name="USPSContainerInfo"
type="mailxml_tm:uspsContainerInfoType" minOccurs="0"/>
    <xs:choice maxOccurs="unbounded">
      <xs:element name="Sacks"
type="mailxml_tm:bedloadHandlingUnitType"/>
      <xs:element name="Trays"
type="mailxml_tm:trayHandlingUnitType"/>
      <xs:element name="Parcels"
type="mailxml_tm:bedloadHandlingUnitType"/>
      <xs:element name="Bundles"
type="mailxml_tm:bedloadHandlingUnitType"/>
    </xs:choice>
  </xs:sequence>
</xs:complexType>

<!--== Complex Type C ==-->
<!--== ==-->
<!--== ==-->

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<!--== Carrier Type ==-->
<xs:complexType name="carrierType">
  <xs:sequence>
    <xs:element name="CarrierName"
type="mailxml_base:s40"/>
    <xs:element name="CarrierAddress"
type="mailxml_defs:addressType" minOccurs="0"/>
    <xs:element name="URL" type="xs:anyURI"
minOccurs="0"/>
    <xs:element name="CommonContact"
type="mailxml_defs:commonContactType" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>

<!--== Component Weight Update Type ==-->
<xs:complexType name="componentWeightUpdateType">
  <xs:sequence>
    <xs:element name="Component"
type="mailxml_tm:fullComponentType"/>
    <xs:element name="ComponentWeight" type="xs:double"/>
    <xs:element name="ComponentWeightSource">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="1"/>
          <xs:enumeration value="A"/>
          <xs:enumeration value="C"/>
          <xs:enumeration value="P"/>
          <xs:enumeration value="L"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ComponentWeightStatus">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="1"/>
          <xs:enumeration value="N"/>
          <xs:enumeration value="P"/>
          <xs:enumeration value="F"/>
          <xs:enumeration value="M"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

<!--== Component Periodical Ad Percent Type ==-->
<xs:complexType name="componentPeriodicalAdpercentType">
  <xs:sequence>
    <xs:element name="Component"
type="mailxml_tm:fullComponentType"/>
    <xs:element name="ComponentPeriodicalAdPercent"
type="xs:double"/>
    <xs:element
name="ComponentPeriodicalAdPercentStatus">
      <xs:simpleType>

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        <xs:restriction base="xs:string">
            <xs:length value="1"/>
            <xs:enumeration value="N"/>
            <xs:enumeration value="P"/>
            <xs:enumeration value="F"/>
            <xs:enumeration value="M"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
    <xs:element name="ComponentPeriodicalAdPercentBasis"
type="xs:double" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

<!--=== Container Status Info Type ===-->
<xs:complexType name="containerStatusInfoType">
    <xs:sequence>
        <xs:element name="UniqueContainerBarcode"
type="mailxml_base:container24CharacterBarcodeType"/>
        <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
        <xs:element name="ContainerStatus"
type="mailxml_base:containerStatusType"/>
        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--=== Content Detailed Info Type ===-->
<xs:complexType name="contentDetailInfoType">
    <xs:sequence>
        <xs:element name="ShipperContainerGroupingID"
type="mailxml_base:s16" minOccurs="0"/>
        <xs:element name="ConsigneeContainerGroupingID"
type="mailxml_base:s16" minOccurs="0"/>
        <xs:element name="ShipperGroupingIDDescription"
type="mailxml_base:s50" minOccurs="0"/>
        <xs:element name="ScheduledInductionDate"
type="mailxml_base:scheduledInductionDateType" minOccurs="0"/>
        <xs:choice maxOccurs="unbounded">
            <xs:element name="MaildatSummary"
type="mailxml_defs:maildatSummaryType"/>
            <xs:element name="ContentUSPSSummary"
type="mailxml_tm:contentUspsSummaryType"/>
        </xs:choice>
    </xs:sequence>
    <xs:attribute name="LogisticsSchedulerID"
type="mailxml_base:s12"/>
    <xs:attribute name="LogisticsCorpID"
type="mailxml_base:s12"/>
    <xs:attribute name="LogisticsSchedulerCRID"
type="mailxml_base:CRIDType"/>
</xs:complexType>

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    <!--=== Content Detailed Info Update Type ===-->
    <xs:complexType name="contentDetailInfoUpdateType">
        <xs:sequence>
            <xs:element name="ShipperContainerGroupingID"
type="mailxml_base:s16" minOccurs="0"/>
            <xs:element name="ConsigneeContainerGroupingID"
type="mailxml_base:s16" minOccurs="0"/>
            <xs:element name="ShipperGroupingIDDescription"
type="mailxml_base:s50" minOccurs="0"/>
            <xs:element name="ScheduledInductionDate"
type="mailxml_base:scheduledInductionDateType" minOccurs="0"/>
            <xs:choice maxOccurs="unbounded">
                <xs:element name="MaildatSummary"
type="mailxml_defs:maildatSummaryType"/>
                <xs:element name="ContentUSPSSummary"
type="mailxml_tm:contentUspsSummaryUpdateType"/>
            </xs:choice>
        </xs:sequence>
        <xs:attribute name="LogisticsSchedulerID"
type="mailxml_base:s12"/>
        <xs:attribute name="LogisticsCorpID"
type="mailxml_base:s12"/>
        <xs:attribute name="LogisticsSchedulerCRID"
type="mailxml_base:CRIDType"/>
    </xs:complexType>

    <!--=== Content ID Type ===-->
    <xs:complexType name="contentIDType">
        <xs:attribute name="ConsigneeContentID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="SchedulerContentID"
type="mailxml_base:s12"/>
    </xs:complexType>

    <!--=== Content USPS Summary Type ===-->
    <xs:complexType name="contentUspsSummaryType">
        <xs:sequence>
            <xs:element name="DestinationDiscountIndicator"
type="mailxml_base:yesNo"/>
            <xs:element name="ZoneSkippingIndicator"
type="mailxml_base:yesNo"/>
            <xs:element name="FullServiceIndicator"
type="mailxml_base:yesNo" minOccurs="0"/>
            <xs:element name="Pallets"
type="mailxml_tm:palletUnitType" minOccurs="0" maxOccurs="unbounded"/>
            <xs:element name="Bedload"
type="mailxml_tm:bedloadUnitType" minOccurs="0"/>
            <xs:element name="Perishable"
type="mailxml_base:yesNo"/>
            <xs:element name="MailClass"
type="mailxml_base:mailClassType"/>
            <xs:element name="RateType"
type="mailxml_base:rateType" minOccurs="0"/>
            <xs:element name="InHomeStart" type="xs:dateTime"
minOccurs="0"/>

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        <xs:element name="InHomeEnd" type="xs:dateTime"
minOccurs="0"/>
        <xs:element name="ProcessingCategory"
type="mailxml_base:processingCategoryType"/>
        <xs:element name="PriorityMailIndicator"
type="mailxml_base:yesNo" default="No"/>
        <xs:element name="VerificationLocation"
type="mailxml_base:verificationLocationType"/>
        <xs:element name="NewsIndicator"
type="mailxml_base:yesNo"/>
        <xs:element name="EvsIndicator"
type="mailxml_base:yesNo" minOccurs="0"/>
        <xs:element name="MailContentName"
type="mailxml_base:s30" minOccurs="0"/>
        <xs:element name="MailPreparerID"
type="mailxml_base:s12" minOccurs="0"/>
        <xs:element name="AdvanceMailingID"
type="mailxml_base:s09" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="EFileNumber"
type="mailxml_base:s22" minOccurs="0"/>
        <xs:element name="ContainsAutoMail"
type="mailxml_base:yesNo" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="SchedulerContentID"
type="mailxml_base:s12" use="required"/>
    <xs:attribute name="ConsigneeContentID"
type="mailxml_base:s12" />
</xs:complexType>

<!--== Content USPS Summary Update Type ==-->
<xs:complexType name="contentUspsSummaryUpdateType">
    <xs:sequence>
        <xs:element name="DestinationDiscountIndicator"
type="mailxml_base:yesNo"/>
        <xs:element name="ZoneSkippingIndicator"
type="mailxml_base:yesNo"/>
        <xs:element name="FullServiceIndicator"
type="mailxml_base:yesNo" minOccurs="0"/>
        <xs:element name="Pallets"
type="mailxml_tm:palletUnitType" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="Bedload"
type="mailxml_tm:bedloadUnitType" minOccurs="0"/>
        <xs:element name="Perishable"
type="mailxml_base:yesNo"/>
        <xs:element name="MailClass"
type="mailxml_base:mailClassType"/>
        <xs:element name="RateType"
type="mailxml_base:rateType" minOccurs="0"/>
        <xs:element name="InHomeStart" type="xs:dateTime"
minOccurs="0"/>
        <xs:element name="InHomeEnd" type="xs:dateTime"
minOccurs="0"/>
        <xs:element name="ProcessingCategory"
type="mailxml_base:processingCategoryType"/>
        <xs:element name="PriorityMailIndicator"
type="mailxml_base:yesNo" default="No"/>

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        <xs:element name="VerificationLocation"
type="mailxml_base:verificationLocationType"/>
        <xs:element name="NewsIndicator"
type="mailxml_base:yesNo"/>
        <xs:element name="EvsIndicator"
type="mailxml_base:yesNo" minOccurs="0"/>
        <xs:element name="MailContentName"
type="mailxml_base:s30" minOccurs="0"/>
        <xs:element name="MailPreparerID"
type="mailxml_base:s12" minOccurs="0"/>
        <xs:element name="AdvanceMailingID"
type="mailxml_base:s09" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="EFileNumber"
type="mailxml_base:s22" minOccurs="0"/>
        <xs:element name="ContainsAutoMail"
type="mailxml_base:yesNo" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="SchedulerContentID"
type="mailxml_base:s12" use="required"/>
    <xs:attribute name="ConsigneeContentID"
type="mailxml_base:s12" use="required"/>
</xs:complexType>

<!--=== Content Cancel Type ===-->
<xs:complexType name="contentCancelType">
    <xs:sequence>
        <xs:element name="ReturnInfo"
type="mailxml_tm:optReturnInfoType" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="SchedulerContentID"
type="mailxml_base:s12" use="required"/>
    <xs:attribute name="ConsigneeContentID"
type="mailxml_base:s12" use="required"/>
    <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12"/>
</xs:complexType>

<!--=== CSA Info Type ===-->
<xs:complexType name="csaInfoType">
    <xs:sequence>
        <xs:element name="CSADispatch"
type="mailxml_tm:csaDispatchType" maxOccurs="unbounded" />
        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="CSAEffectiveDate" type="xs:date" />
    <xs:attribute name="CSAStatus"
type="mailxml_base:csaStatusType" />
</xs:complexType>

<!--=== CSA Dispatch Type ===-->
<xs:complexType name="csaDispatchType">
    <xs:sequence>

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        <xs:element name="DispatchTime" type="xs:time"
minOccurs="0" />
        <xs:element name="ArrivalTime"
type="mailxml_base:s05" minOccurs="0" />
        <xs:element name="DaysOfWeek"
type="mailxml_base:daysOfWeekType" minOccurs="0" />
        <xs:element name="TripNumber" type="mailxml_base:n05"
minOccurs="0" />
        <xs:element name="RecurringApptSeqID"
type="mailxml_base:s06" minOccurs="0" />
        <xs:element name="USPSPublicationID"
type="mailxml_base:s08" minOccurs="0" />
        <xs:element name="TripVolume" type="mailxml_base:n03"
minOccurs="0" />
        <xs:element name="ContainerDestinationZipCode"
type="mailxml_base:s11" minOccurs="0" maxOccurs="unbounded" />
        <xs:element name="FacilityLocaleKey"
type="mailxml_base:s06"/>
        <xs:element name="MailClass"
type="mailxml_base:mailClassType"/>
        <xs:element name="PackageServicesSubClass"
type="mailxml_base:PackageServicesType" minOccurs="0"/>
        <xs:element name="ProcessingCategory"
type="mailxml_base:processingCategoryType"/>
        <xs:element name="ProcessingCode"
type="mailxml_base:processingCodeType" minOccurs="0" />
        <xs:element name="ProcessingCodeLabel"
type="mailxml_base:s20" minOccurs="0" />
        <xs:element name="MinimumLoadForContainer"
type="mailxml_base:n02" minOccurs="0" />
        <xs:element name="ContainerReadyTime" type="xs:time"
minOccurs="0" />
        <xs:element name="SeparationNumber"
type="mailxml_base:n03" minOccurs="0" />
        <xs:element name="LabelTo" type="mailxml_base:s25"
minOccurs="0"/>
        <xs:element name="LabelToZip" type="mailxml_base:s05"
minOccurs="0"/>
        <xs:element name="CriticalAcceptanceTime"
type="mailxml_base:s05" minOccurs="0" />
    </xs:sequence>
    <xs:attribute name="CSATemplate"
type="mailxml_base:csaTemplateType" />
</xs:complexType>

<!--====      Complex Type D      =====>
<!--====      =====>
<!--====      =====>

<!--==== Delivery Appt Content Remove Accept Type      =====>
<!--==== V5.0 dk CR 125      =====>
<!--==== v7.0 dk SM 99      =====>
    <xs:complexType name="deliveryApptContentRemoveAcceptType">
        <xs:sequence minOccurs="1" maxOccurs="unbounded">
            <xs:element name="ContentID"
type="mailxml_tm:contentIDType"/>

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        <!-- <xs:element name="RemoveConfirmID"
type="mailxml_base:s12"/> -->
        </xs:sequence>
    </xs:complexType>

    <!--=== ++++++++ Delivery Appt Content Remove Reject Type ===--
>
    <xs:complexType name="deliveryApptContentRemoveRejectType">
        <xs:sequence minOccurs="1" maxOccurs="unbounded">
            <xs:element name="ContentID"
type="mailxml_tm:contentIDType"/>
            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
        </xs:sequence>
    </xs:complexType>

    <!--=== Delivery Appt Acceptance ===-->
    <xs:complexType name="deliveryApptAcceptType">
        <xs:sequence>
            <xs:choice>
                <xs:element name="RecurringAppt"
type="mailxml_tm:recurringApptType"/>
                <xs:element name="OneTimeAppt"
type="mailxml_tm:oneTimeApptType"/>
            </xs:choice>
            <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" maxOccurs="unbounded"/>
            <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
            <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
            <xs:element name="Comment" type="mailxml_base:s256"
minOccurs="0"/>
            <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:ResponseMsgHeaderInfo"/>
    </xs:complexType>

    <!--=== Delivery Appt Rejection ===-->
    <xs:complexType name="deliveryApptRejectType">
        <xs:sequence>
            <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:RequestMsgHeaderInfo"/>
    </xs:complexType>

    <!--=== Delivery Appt Rejection ===-->
    <!--=== v9.0 dk BR 001 ===-->
    <xs:complexType name="deliveryApptShellRejectType">
        <xs:sequence>

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```

        <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:RequestMsgHeaderInfo"/>
</xs:complexType>

<!--=== Delivery Content Cancel Request Type ===-->
<!--=== v9.0 dk BR 001 ===-->
<xs:complexType name="deliveryContentCancelRequestType">
    <xs:sequence>
        <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
        <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
        <xs:element name="ContentCancel"
type="mailxml_tm:contentCancelType" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_tm:DeliveryContentHeaderInfoCancel"/>
</xs:complexType>

<!--=== Delivery Content Acceptance ===-->
<!--=== V9.0 dk BR 001 ===-->
<xs:complexType name="deliveryContentAcceptType">
    <xs:sequence>
        <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
        <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
        <xs:element name="ContentDetailInfo"
type="mailxml_tm:contentDetailInfoType" maxOccurs="unbounded"/>
        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_tm:DeliveryContentHeaderInfo"/>
</xs:complexType>

<!--=== Delivery Content UPDATE Acceptance ===-->
<!--=== v9.0 dk BR 001 ===-->
<xs:complexType name="deliveryContentUpdateAcceptType">
    <xs:sequence>
        <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
        <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
        <xs:element name="ContentDetailInfoUpdate"
type="mailxml_tm:contentDetailInfoUpdateType" maxOccurs="unbounded"/>

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        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_tm:DeliveryContentUpdateHeaderInfo"/>
</xs:complexType>

<!--=== Delivery Content UPDATE Rejection ===-->
<!--=== V9.0 DK BR 001 ===-->
<xs:complexType name="deliveryContentUpdateRejectType">
    <xs:sequence>
        <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_tm:DeliveryContentUpdateHeaderInfo"/>
</xs:complexType>

<!--=== Delivery Content Rejection ===-->
<!--=== V9.0 dk BR 001 ===-->
<xs:complexType name="deliveryContentRejectType">
    <xs:sequence>
        <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_tm:DeliveryContentHeaderInfo"/>
</xs:complexType>

<!--=== Delivery Content Cancel Response Type ===-->
<!--=== v9.0 dk BR 001 ===-->
<xs:complexType name="deliveryContentCancelResponseType">
    <xs:sequence>
        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:choice>
            <xs:element name="DeliveryContentCancelAccept">
                <xs:complexType>
                    <xs:sequence
maxOccurs="unbounded">
                        <xs:element
name="DestinationEntry" type="mailxml_base:yesNo"/>
                        <xs:element
name="ContentCancel" type="mailxml_tm:contentCancelType"/>
                    </xs:sequence>
                    <xs:attributeGroup
ref="mailxml_tm:DeliveryContentHeaderInfoCancel"/>
                </xs:complexType>
            </xs:element>

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        <xs:element
name="DeliveryContentCancelReject">
        <xs:complexType>
            <xs:sequence maxOccurs="unbounded">
                <xs:element
name="DestinationEntry" type="mailxml_base:yesNo"/>
                <xs:element
name="ContentCancel" type="mailxml_tm:contentCancelType"/>
                <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_tm:DeliveryContentHeaderInfoCancel"/>
        </xs:complexType>
    </xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>

<!--=== Delivery Appt Shell Cancel Request === -->
<!--=== v9.0 dk BR 001          ===-->
<xs:complexType name="deliveryApptShellCancelRequestType">
    <xs:sequence>
        <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
        <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
        <xs:element name="ReturnInfo"
type="mailxml_tm:optReturnInfoType"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:RequestMsgHeaderInfo"/>
</xs:complexType>

<!--=== Delivery Appt Shell Cancel Response Type === -->
<!--=== v9.0 dk BR 001          ===-->
<xs:complexType name="deliveryApptShellCancelResponseType">
    <xs:sequence>
        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:choice>
            <xs:element name="DeliveryApptCancelAccept">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
                    </xs:sequence>
                    <xs:attributeGroup
ref="mailxml_defs:ResponseMsgHeaderInfo"/>
                </xs:complexType>
            </xs:element>
            <xs:element
name="DeliveryApptCancelReject">
                <xs:complexType>
                    <xs:sequence>

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                                <xs:element
name="DestinationEntry" type="mailxml_base:yesNo"/>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/>
                                </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_defs:ResponseMsgHeaderInfo"/>
                                </xs:complexType>
                                </xs:element>
                                </xs:choice>
                                </xs:sequence>
                                </xs:complexType>

                                <!--=== Delivery Appt Transportation Update Request ===-->
                                <xs:complexType
name="deliveryApptTransportationUpdateRequestType">
                                <xs:sequence>
                                    <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                                    <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                                    <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType"/>
                                </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_tm:DeliveryApptTransportUpdateHeaderInfo"/>
                                </xs:complexType>

                                <!--=== Delivery Appt Transportation Update Response Type ===-->
                                <xs:complexType
name="deliveryApptTransportationUpdateResponseType">
                                <xs:sequence>
                                    <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                                    <xs:choice>
                                        <xs:element name="DeliveryApptTransportationAccept"
type="mailxml_tm:trailerInfoType"/>
                                        <xs:element name="DeliveryApptTransportationReject"
type="mailxml_defs:returnInfoType"/>
                                    </xs:choice>
                                </xs:sequence>
                                </xs:complexType>

                                <!--=== Delivery Appt Update Acceptance ===-->
                                <xs:complexType name="deliveryApptUpdateAcceptType">
                                <xs:sequence>
                                    <xs:choice>
                                        <xs:element name="RecurringAppt"
type="mailxml_tm:recurringApptType"/>
                                        <xs:element name="OneTimeAppt"
type="mailxml_tm:oneTimeApptType"/>
                                    </xs:choice>
                                    <xs:element name="DetailInfo"
type="mailxml_tm:detailInfoType" maxOccurs="unbounded"/>
                                    <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>

```

```

        <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
        <xs:element name="Comment" type="mailxml_base:s256"
minOccurs="0"/>
        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:ResponseMsgHeaderInfo"/>
</xs:complexType>

<!--=== Delivery Appt Update Rejection===-->
<xs:complexType name="deliveryApptUpdateRejectType">
    <xs:sequence>
        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:RequestMsgHeaderInfo"/>
</xs:complexType>

<!--=== Delivery Appt Shell Accept === -->
<!--=== v9.0 dk BR 001      ===-->
<xs:complexType name="deliveryApptShellAcceptType">
    <xs:sequence>
        <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
        <xs:choice>
            <xs:element name="RecurringAppt"
type="mailxml_tm:recurringApptType"/>
            <xs:element name="OneTimeAppt"
type="mailxml_tm:oneTimeApptType"/>
        </xs:choice>
        <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
        <xs:element name="DestinationEntry"
type="mailxml_base:yesNo"/>
        <xs:element name="MailClass"
type="mailxml_base:mailClassType" maxOccurs="unbounded"/>
        <xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType" minOccurs="0"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:RequestMsgHeaderInfo"/>
</xs:complexType>

<!--=== Detailed Info Type      ===-->
<!--=== V9.0 BR 003, SS 511      ===-->
<xs:complexType name="detailInfoType">
    <xs:sequence>
        <xs:element name="ShipperContainerGroupingID"
type="mailxml_base:s16" minOccurs="0"/>
        <xs:element name="ConsigneeContainerGroupingID"
type="mailxml_base:s16" minOccurs="0"/>

```

```

        <xs:element name="StartTheClockDate" type="xs:date"
minOccurs="0"/>
        <xs:element name="ShipperGroupingIDDescription"
type="mailxml_base:s50" minOccurs="0"/>
        <xs:choice maxOccurs="unbounded">
            <xs:element name="MaildatSummary"
type="mailxml_defs:maildatSummaryType"/>
            <xs:element name="USPSSummary"
type="mailxml_tm:uspsSummaryType"/>
            <xs:element name="ConsigneeContentID"
type="mailxml_base:s12" minOccurs="0"/>
        </xs:choice>
    </xs:sequence>
</xs:complexType>

<!--====      Complex Type E      =====>
<!--====      =====>
<!--=====      =====>

<!--====      EFileSamplingTimeType      =====>
    <xs:complexType name="eFileSamplingTimeType">
        <xs:sequence>
            <xs:element name="EFileNumber"
type="mailxml_base:s22"/>
            <xs:element name="EFileSamplingTime"
type="xs:dateTime"/>
        </xs:sequence>
    </xs:complexType>

<!--====      Complex Type F      =====>
<!--====      =====>
<!--=====      =====>

    <xs:complexType name="fullComponentType">
        <xs:sequence>
            <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
            <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
            <xs:element name="ComponentID"
type="mailxml_base:s08"/>
        </xs:sequence>
    </xs:complexType>

<!--====      Complex Type I      =====>
<!--====      =====>
<!--=====      =====>

<!--====      Induction Problem Type =====>
    <xs:complexType name="inductionProblemType">
        <xs:sequence>
            <xs:element name="ProblemID" type="xs:unsignedByte"/>
            <xs:element name="ProblemDescription"
type="xs:string"/>
            <xs:element name="ProblemType" type="xs:string"
minOccurs="0"/>

```

```

        <xs:element name="ProblemCategory" type="xs:string"
minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--==== Complex Type 0 =====>
<!--==== =====>
<!--===== =====>

<!--==== One Time Appt Type =====>
<xs:complexType name="oneTimeApptType">
    <xs:sequence>
        <xs:element name="PreferredAppt" type="xs:dateTime"/>
        <xs:element name="OptionalAppt"
type="mailxml_tm:optionalApptType" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>

<!--==== Optional Appt Type =====>
<!--==== Changed to/from to start/end per CR 40 for consistency
=====>
<xs:complexType name="optionalApptType">
    <xs:sequence>
        <xs:element name="Start" type="xs:dateTime"/>
        <xs:element name="End" type="xs:dateTime"/>
    </xs:sequence>
</xs:complexType>

<!--==== Optional Return Info Type with ReturnCode Optional =====>
<xs:complexType name="optReturnInfoType">
    <xs:sequence>
        <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
        <xs:sequence minOccurs="0" maxOccurs="unbounded">
            <xs:element name="ReturnCode"
type="mailxml_base:ns04" minOccurs="0"/>
            <xs:element name="ReturnDescription"
type="mailxml_base:s260"/>
        </xs:sequence>
    </xs:sequence>
</xs:complexType>

<!--==== Pallet Unit Type =====>
<!--==== Added USPSContainerInfo in V2.0 =====>
<!--==== Deleted USPSContainerInfo and added HandlingUnit per CR
106 v3.0 DK =====>
<xs:complexType name="palletUnitType">
    <xs:choice>
        <xs:element name="PalletPreSortLevel"
type="mailxml_tm:palletPresortType" maxOccurs="unbounded"/>
        <xs:element name="USPSContainerInfo"
type="mailxml_tm:uspsContainerInfoType"/>
    </xs:choice>
    <xs:attribute name="Count" type="xs:nonNegativeInteger"
use="required"/>

```

```

        <xs:attribute name="HandlingUnitType"
type="mailxml_base:palletHandlingUnitType" use="required"/>
        <xs:attribute name="PalletType"
type="mailxml_base:palletType" use="required"/>
    </xs:complexType>

    <!--=== Pallet Presort Type ===-->
    <!--=== Added USPSLContainerInfo in V2.0 ===-->
    <xs:complexType name="palletPresortType">
        <xs:sequence>
            <xs:element name="USPSContainerInfo"
type="mailxml_tm:uspsContainerInfoType" minOccurs="0"/>
        </xs:sequence>
        <xs:attribute name="MaildatCode"
type="mailxml_base:containerLevelType" use="required"/>
        <xs:attribute name="Count" type="xs:nonNegativeInteger"
use="required"/>
    </xs:complexType>

    <!--=== Partner Appt Block Type      ===-->
    <!--=== v9.0 dk GW 001      ===-->
    <xs:complexType name="PartnerApptBlockType">
        <xs:sequence>
            <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
            <xs:element name="ConsigneeApptID"
type="mailxml_base:s12"/>
            <xs:element name="ScheduledAppt" type="xs:dateTime"/>
            <xs:element name="Comment" type="mailxml_base:s256"
minOccurs="0"/>
            <xs:element name="MailClass"
type="mailxml_base:mailClassType"/>
            <xs:element name="TrailerInfo"
type="mailxml_tm:trailerInfoType" minOccurs="0"/>
            <xs:element name="ContentDetailInfoUpdate"
type="mailxml_tm:contentDetailInfoUpdateType" minOccurs="0"
maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>

    <!--=== Partner Content Assignment Type      ===-->
    <!--=== v9.0 dk      ===-->
    <xs:complexType name="partnerContentAssignmentType">
        <xs:annotation>
            <xs:documentation>Type to define the combination of
ConsigneeContentIDs and assigned users</xs:documentation>
        </xs:annotation>
        <xs:sequence>
            <xs:element name="PartnerIdentifier"
type="mailxml_defs:participantIDType"/>
            <xs:element name="ConsigneeContentID"
type="mailxml_base:s12" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>

```

```

<!--=== Pickup Appt Block Request Type ===-->
<!--=== CR 93 v3.0 dk ===-->
<xs:complexType name="pickupApptBlockRequestType">
  <xs:sequence>
    <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
    <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
    <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
    <xs:element name="PickupLocation"
type="mailxml_defs:consigneeFacilityType"/>
    <xs:element name="PreferredAppt" type="xs:dateTime"/>
    <xs:element name="OptionalAppt"
type="mailxml_tm:optionalApptType" minOccurs="0"
maxOccurs="unbounded"/>
    <xs:element name="Comment" type="mailxml_base:s256"
minOccurs="0"/>
    <xs:element name="TransportationResponsibility"
type="mailxml_base:responsibleTransportationPartyType"/>
  </xs:sequence>
</xs:complexType>

<!--=== Pickup Appt Block Response Type ===-->
<!--=== CR 93 v3.0 dk ===-->
<xs:complexType name="pickupApptBlockResponseType">
  <xs:sequence>
    <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
    <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
    <xs:element name="PickupLocation"
type="mailxml_defs:consigneeFacilityType"/>
    <xs:element name="ScheduledAppt" type="xs:dateTime"/>
    <xs:element name="Comment" type="mailxml_base:s256"
minOccurs="0"/>
    <xs:element name="TransportationResponsibility"
type="mailxml_base:responsibleTransportationPartyType"/>
  </xs:sequence>
</xs:complexType>

<!--=== Recurring Appt Type ===-->
<xs:complexType name="recurringApptType">
  <xs:sequence>
    <xs:element name="EffectiveStartDate"
type="xs:date"/>
    <xs:element name="EffectiveEndDate" type="xs:date"/>
    <xs:element name="ApptTime" type="xs:time"/>
    <xs:element name="DayFrequency"
type="mailxml_base:dayFrequencyType" maxOccurs="unbounded"/>
    <xs:element name="WeekFrequency"
type="mailxml_base:weekFrequencyType" maxOccurs="unbounded"/>
  </xs:sequence>

```

```

</xs:complexType>

<!--=== Recurring Appt Block Type ===-->
<!--=== v9.0 dk BR 002, DA 13 ===-->
<xs:complexType name="recurringApptBlockType">
  <xs:sequence>
    <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType"/>
    <xs:element name="RecurringData"
type="mailxml_tm:recurringApptType"/>
    <xs:element name="RecurringApptStatus"
type="mailxml_base:recurringStatusType"/>
    <xs:element name="USPSSummary"
type="mailxml_tm:uspsSummaryType" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="PostalClass"
type="mailxml_base:mailClassType" maxOccurs="unbounded"/>
    <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
  </xs:sequence>
  <xs:attributeGroup
ref="mailxml_tm:RecurringApptQueryResponseHeaderInfo"/>
</xs:complexType>

<!--=== Slot Availability Type ===-->
<!--=== dk v5.0 CR 163 - Added Slot Availability. ===-->
<xs:complexType name="slotAvailabilityType">
  <xs:sequence>
    <xs:element name="ApptType"
type="mailxml_base:apptTypeType" />
    <xs:element name="MailClass"
type="mailxml_base:mailClassType" maxOccurs="unbounded"/>
    <xs:element name="Perishable"
type="mailxml_base:yesNo" minOccurs="0"/>
    <xs:element name="ApptStartTime" type="xs:dateTime"
/>
    <xs:element name="ApptEndTime"
type="xs:dateTime" />
    <xs:element name="ApplyTiers"
type="mailxml_base:yesNo"/>
  </xs:sequence>
</xs:complexType>

<!--=== New Summary Record Update Type ===-->
<!--=== V9.0 dk SS 003 ===-->
<xs:complexType name="summaryRecordUpdateType">
  <xs:sequence>
    <xs:element name="FullContainerID"
type="mailxml_defs:fullContainerIDType"/>
    <xs:choice minOccurs="0" maxOccurs="2">
      <xs:sequence>
        <xs:element name="EntryPointEDPostalCode"
type="mailxml_base:entryPointEDPostalCodeType"/>

```

```

                                <xs:element
name="EntryPointEDFacilityType"
type="mailxml_base:entryPointEDFacilityTypeType"/>
                                </xs:sequence>
                                <xs:sequence>
                                    <xs:element name="EntryPointADLocaleKey"
type="mailxml_base:entryPointADLocaleKeyType"/>
                                    <xs:element name="EntryPointADPostalCode"
type="mailxml_base:entryPointADPostalCodeType"/>
                                </xs:sequence>
                                </xs:choice>
                                    <xs:element name="ContainerGroupingDescription"
type="mailxml_base:s09" minOccurs="0"/>
                                    <xs:element name="ParentContainerRefID"
type="mailxml_base:parentContainerRefIDType" minOccurs="0"/>
                                    <xs:element name="TruckDispatchNumber"
type="mailxml_base:truckDispatchNumberType" minOccurs="0"/>
                                    <xs:element name="StopDesignator"
type="mailxml_base:stopDesignatorType" minOccurs="0"/>
                                    <xs:element name="ReservationNumber"
type="mailxml_base:reservationNumberType" minOccurs="0"/>
                                    <xs:sequence minOccurs="0">
                                        <xs:element name="ContainerShipDate"
type="mailxml_base:containerShipDateType"/>
                                        <xs:element name="ContainerShipTime"
type="mailxml_base:containerShipTimeType"/>
                                    </xs:sequence>
                                    <xs:sequence minOccurs="0">
                                        <xs:element name="ScheduledShipDate"
type="mailxml_base:containerShipDateType"/>
                                        <xs:element name="ScheduledShipTime"
type="mailxml_base:containerShipTimeType"/>
                                    </xs:sequence>
                                    <xs:sequence minOccurs="0">
                                        <xs:element
name="ActualContainerShipDate"
type="mailxml_base:containerShipDateType"/>
                                        <xs:element
name="ActualContainerShipTime"
type="mailxml_base:containerShipTimeType"/>
                                    </xs:sequence>
                                    <xs:sequence minOccurs="0">
                                        <xs:element
name="SchdeuledContainerPickupDate"
type="mailxml_base:containerPickupDateType" />
                                        <xs:element
name="ScheduledContainerPickupTime"
type="mailxml_base:containerPickupTimeType"/>
                                    </xs:sequence>
                                    <xs:sequence minOccurs="0">
                                        <xs:element
name="ActualContainerPickupDate"
type="mailxml_base:containerPickupDateType" />
                                        <xs:element
name="ActualContainerPickupTime"
type="mailxml_base:containerPickupTimeType"/>
                                    </xs:sequence>

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        <xs:element name="ContainerAcceptanceDate"
type="mailxml_base:containerAcceptanceDateType" minOccurs="0"/>
        <xs:element name="ScheduledInHomeDate"
type="mailxml_base:scheduledInHomeDateType" minOccurs="0"/>
        <xs:element name="AdditionalInHomeRange"
type="mailxml_base:additionalInHomeRangeType" minOccurs="0"/>
        <xs:sequence minOccurs="0">
            <xs:element name="ScheduledInductionDate"
type="mailxml_base:scheduledInductionDateType" />
            <xs:element name="ScheduledInductionTime"
type="mailxml_base:scheduledInductionTimeType"/>
        </xs:sequence>
        <xs:sequence minOccurs="0">
            <xs:element name="ActualInductionDate"
type="xs:date"/>
            <xs:element name="ActualInductionTime"
type="xs:time"/>
        </xs:sequence>
        <xs:sequence minOccurs="0">
            <xs:element
name="PostageStatementMailingDate" type="xs:date"/>
            <xs:element
name="PostageStatementMailingTime" type="xs:time"/>
        </xs:sequence>
        <xs:element
name="ContainerReadyToPayTransactionID" type="mailxml_base:n06"
minOccurs="0"/>
        <xs:element name="TransportationCarrierID"
type="mailxml_base:s15" minOccurs="0"/>
        <xs:element name="CSATripID"
type="mailxml_base:s10" minOccurs="0"/>
        <xs:element name="InternalDate"
type="mailxml_base:internalDateType" minOccurs="0"/>
        <xs:element name="TotalWeight"
type="mailxml_base:totalWeightType" minOccurs="0"/>
        <xs:element name="UniqueContainerID"
type="mailxml_base:uniqueContainerIDType" minOccurs="0"/>
        <xs:element name="ContainerStatus"
type="mailxml_base:maildatContainerStatusType" minOccurs="1"/>
        <xs:element name="TransShipBoLNumber"
type="mailxml_base:transShipBoLNumberType" minOccurs="0"/>
        <xs:element name="PostageGroupingID"
type="mailxml_base:postageGroupingIDType" minOccurs="0"/>
        <xs:element name="ContainerGrossWeight"
type="mailxml_base:containerGrossWeightType" minOccurs="0"/>
        <xs:element name="ContainerHeight"
type="mailxml_base:containerHeightType" minOccurs="0"/>
        <xs:element name="ContainerHeightSource"
type="mailxml_base:containerHeightSourceType" minOccurs="0"/>
        <xs:element name="TransportDUNSNumber"
type="mailxml_base:s15" minOccurs="0"/>
        <xs:element name="IMBarcode"
type="mailxml_base:container24CharacterBarcodeType" minOccurs="0"/>
        <xs:element name="UserInformationLine1"
type="mailxml_base:userInformationLine1Type" minOccurs="0"/>
        <xs:element name="UserInformationLine2"
type="mailxml_base:userInformationLine2Type" minOccurs="0"/>

```

```

        <xs:element name="ConsigneeContentID"
type="mailxml_base:consigneeContentIDType" minOccurs="0"/>
        <xs:element name="FASTSchedulerID"
type="mailxml_base:FASTSchedulerIDType" minOccurs="0"/>
        <xs:element name="USPSPickup"
type="mailxml_base:uspsPickupType" minOccurs="0"/>
        <xs:element name="CarrierRouteNumber"
type="mailxml_base:es4" minOccurs="0"/>
        <xs:element name="CinCode"
type="mailxml_base:s03" minOccurs="0"/>
        <xs:element name="ContainerDisplayName"
type="mailxml_base:s50" minOccurs="0"/>
        <xs:element name="ContainerType"
type="mailxml_base:mailXMLContainerType" minOccurs="0"/>
        <xs:element name="IncludedInOtherDoc"
type="mailxml_base:includedInOtherDocType" minOccurs="0"/>
        <xs:element name="SiblingContainerID"
type="mailxml_base:s06" minOccurs="0"/>
        <xs:element name="SortationLevel"
type="mailxml_base:containerLevelType" minOccurs="0"/>
        <xs:element name="OverflowIndicator"
type="mailxml_base:yesNo" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--=== Trailer Info Type ===-->
<xs:complexType name="trailerInfoType">
    <xs:sequence>
        <xs:element name="Trailer"
type="mailxml_tm:trailerType" minOccurs="0" maxOccurs="2"/>
        <xs:element name="Carrier"
type="mailxml_tm:carrierType" minOccurs="0"/>
        <xs:element name="BillOfLadingNumber"
type="mailxml_base:s15" maxOccurs="2"/>
    </xs:sequence>
</xs:complexType>

<!--=== Trailer Type ===-->
<xs:complexType name="trailerType">
    <xs:sequence>
        <xs:element name="TrailerNumber"
type="mailxml_base:s12" minOccurs="0"/>
        <xs:element name="TrailerLength"
type="mailxml_base:trailerLengthType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--=== Tray Handling Unit Type ===-->
<xs:complexType name="trayHandlingUnitType">
    <xs:sequence>
        <xs:element name="PreSortLevel"
type="mailxml_defs:presortType" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="Count" type="xs:nonNegativeInteger"
use="required"/>

```

```

        <xs:attribute name="Type" type="mailxml_base:trayType"
default="MixedLengthTrays"/>
    </xs:complexType>

    <!--=== USPS Summary Type ===-->
    <xs:complexType name="uspsSummaryType">
        <xs:sequence>
            <xs:element name="DestinationDiscountIndicator"
type="mailxml_base:yesNo"/>
            <xs:element name="ZoneSkippingIndicator"
type="mailxml_base:yesNo"/>
            <xs:element name="FullServiceIndicator"
type="mailxml_base:yesNo" minOccurs="0"/>
            <xs:element name="Pallets"
type="mailxml_tm:palletUnitType" minOccurs="0" maxOccurs="unbounded"/>
            <xs:element name="Bedload"
type="mailxml_tm:bedloadUnitType" minOccurs="0"/>
            <xs:element name="Perishable"
type="mailxml_base:yesNo"/>
            <xs:element name="MailClass"
type="mailxml_base:mailClassType"/>
            <xs:element name="RateType"
type="mailxml_base:rateType" minOccurs="0"/>
            <xs:element name="InHomeStart" type="xs:dateTime"
minOccurs="0"/>
            <xs:element name="InHomeEnd" type="xs:dateTime"
minOccurs="0"/>
            <xs:element name="ProcessingCategory"
type="mailxml_base:processingCategoryType"/>
            <xs:element name="NewsIndicator"
type="mailxml_base:yesNo"/>
            <xs:element name="PriorityMailIndicator"
type="mailxml_base:yesNo" default="No"/>
            <xs:element name="VerificationLocation"
type="mailxml_base:verificationLocationType"/>
            <xs:element name="EvsIndicator"
type="mailxml_base:yesNo" minOccurs="0"/>
            <xs:element name="MailContentName"
type="mailxml_base:s30" minOccurs="0"/>
            <xs:element name="MailPreparerID"
type="mailxml_base:s12" minOccurs="0"/>
            <xs:element name="AdvanceMailingID"
type="mailxml_base:s09" minOccurs="0" maxOccurs="unbounded"/>
            <xs:element name="EFileNumber"
type="mailxml_base:s22" minOccurs="0"/>
            <xs:element name="ContainsAutoMail"
type="mailxml_base:yesNo" minOccurs="0"/>
        </xs:sequence>
        <xs:attribute name="SchedulerContentID"
type="mailxml_base:s12"/>
        <xs:attribute name="ConsigneeContentID"
type="mailxml_base:s12"/>
    </xs:complexType>

    <!--=== USPS Container Info Type ===-->
    <!--=== Added 3/5 digit ZIP re CR 93 v3.0 dk ===-->

```

```

<!--=== v5.0 CR 154 Made SiblingBarcode 0 to unbounded ===--
>
<xs:complexType name="uspsContainerInfoType">
  <xs:sequence>
    <xs:element name="MailOwnerID"
type="mailxml_base:s12" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="USPSPublicationID"
type="mailxml_base:s08" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="ActualPieceCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
    <xs:element name="ContainerWeight" type="xs:float"
minOccurs="0"/>
    <xs:sequence minOccurs="0" maxOccurs="unbounded">
      <xs:element name="UniqueContainerBarcode"
type="mailxml_base:container24CharacterBarcodeType"/>
      <xs:element name="SiblingBarcode"
type="mailxml_base:container24CharacterBarcodeType" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element
name="ContainerDestination3digitZIP" type="mailxml_base:ns03"/>
      <xs:element
name="ContainerDestination5digitZIP" type="mailxml_base:ns05"/>
    </xs:choice>
    <!--<xs:element name="NestedContainers"
type="mailxml_tm:uspsContainerInfoType" minOccurs="0"
maxOccurs="unbounded"/> -->
  </xs:sequence>
</xs:complexType>

<!--=== USPS Mailer Rating Type ===
Deleted during Comment Period for v5.0 release as per FAST team
<xs:complexType name="uspsMailerRatingType">
  <xs:sequence>
    <xs:element name="CloseoutIrregularities"
type="mailxml_base:closeoutIrregularitiesType" minOccurs="0"
maxOccurs="unbounded"/>
    <xs:element name="ActualTotalPalletCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
    <xs:element name="ActualBedloadPercent"
type="xs:nonNegativeInteger" minOccurs="0"/>
    <xs:element name="ExemptionCode"
type="mailxml_base:exemptionCodeType" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType> -->

</xs:schema>

```

2 mailxml_mm.xsd (Mailing Messages)

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:mailxml_defs="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/mailxml_defs"
xmlns:mailxml_base="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/base"
xmlns:mailxml_mm="http://idealliance.org/maildat/Specs/md091/mailxml9.0
/mailxml_mm"
targetNamespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/
mailxml_mm"
elementFormDefault="qualified" attributeFormDefault="qualified"
version="mailxml90060710">

<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/base"
schemaLocation="mailxml_base_9DRAFT.xsd"/>
<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxm
l_defs" schemaLocation="mailxml_defs_9DRAFT.xsd"/>

<!--Copyright 2000-2010 International Digital Enterprise Alliance,
Inc. (IDEAlliance). All rights reserved by the Copyright
wner under the laws of the United States. For support, more
information, or to report implementation bugs, please contact
IDEAlliance at
www.idealliance.org.-->

<xs:annotation>
<xs:documentation>
This module contains the Mailing messages of MailXML. It contains
elements and
complexTypes that are used exclusively by the Mailing messages.

Common attributes, elements and complexTypes are included from the
commonDefs module.
Common simpleTypes are included from the base module.

+++++
MailXML 9.0
CR 005: Added ContentType Placeholder to postageStatementDataType
CR 009: Added USPSPackageUniqueCharacteristic placeholder to
PostageStatementLineItemData, PeriodicalLineItemData and
bundleDetailType
TM 510: Add support for mixed mail in Qual Report
JDA 01: Add estimate indicator
DA 17: Change BundleCarrierRoute to es4 type
IB 21: Add TrackingID to all Responses
SS 003: Make SortationLevel = containerLevelType
CR 501: Make SinglePieceWeight optional in LineItemData
CR 10: Add MLOCR Type to SummaryZipDestinationReportCreateRequest and
summaryZipDestinationReportType
CR 07: Add USPS Price Incentive elements

</xs:documentation>

```

```
</xs:annotation>
```

```

    <!--====      Mailing  Messages  =====>
    <!--              -->
    <!--              =====      -->

    <!--====  ++++  Headers for Mailing Messages  ++++  =====>

    <!--====  MailXML Dashboard Header Info      =====>
    <xs:attributeGroup name="MailXMLDashboardHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>
    </xs:attributeGroup>

    <!--====  MailXML Open Mail Group Request Header Info      =====>
    <xs:attributeGroup name="MailXMLOpenMailGroupRequestHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
    </xs:attributeGroup>

    <!--====  MailXML Mail Group Request Header Info      =====>
    <xs:attributeGroup name="MailXMLMailGroupRequestHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>
    </xs:attributeGroup>

    <!--====  MailXML Mail Group Response Header Info      =====>
    <xs:attributeGroup name="MailXMLMailGroupResponseHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>
        <xs:attribute name="Status"
type="mailxml_base:statusType"/>
    </xs:attributeGroup>

    <!--====  MailXML Open Mail Group Response Accept Header Info      =====>
    <xs:attributeGroup
name="MailXMLOpenMailGroupResponseAcceptHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>

```

```

        <xs:attribute name="Status"
type="mailxml_base:statusType"/>
    </xs:attributeGroup>

    <!--=== MailXML Open Mail Group Response Reject Header Info ===-->
    <xs:attributeGroup
name="MailXMLOpenMailGroupResponseRejectHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger"/>
        <xs:attribute name="Status"
type="mailxml_base:statusType"/>
    </xs:attributeGroup>

    <!--=== MailXML Postage Statement Request Header Info ===-->
    <xs:attributeGroup
name="MailXMLPostageStatementRequestHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>
    </xs:attributeGroup>

    <!--=== MailXML Postage Statement Response Header Info ===-->
    <xs:attributeGroup
name="MailXMLPostageStatementResponseHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>
        <xs:attribute name="Status"
type="mailxml_base:statusType"/>
    </xs:attributeGroup>

    <!--=== MailXML Qual Report Request Header Info ===-->
    <!--=== v9.0 dk TM510 ===-->
    <xs:attributeGroup name="MailXMLQualReportRequestHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>
        <xs:attribute name="Replace" type="mailxml_base:yesNo"/>
        <xs:attribute name="MixedMailFlag" type="mailxml_base:yesNo"
use="required"/>
    </xs:attributeGroup>

    <!--=== MailXML Qual Report Response Header Info ===-->
    <xs:attributeGroup name="MailXMLQualReportResponseHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>
    </xs:attributeGroup>

```

```

    <!--=== Postage Message Header Info ===-->
    <xs:attributeGroup name="PostageMessageHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>
    </xs:attributeGroup>

    <!--=== ++++++ =====>

    <!--===      Begin Combined Mailing Messages      =====>
    <!--      -->
    <!--      =====      -->

    <!--=== Begin Combined Mailing Request      =====>
    <xs:element name="BeginCombinedMailingRequest">
        <xs:annotation>
            <xs:documentation>Request to begin a combined
mailing in which multiple postage payment methods (and or multiple
permit numbers within the same payment method) are presorted
together.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementRequestHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--=== Begin Combined Mailing Response      =====>
    <xs:element name="BeginCombinedMailingResponse">
        <xs:annotation>
            <xs:documentation>Response from USPS to begin a
combined mailing.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="BeginCombinedMailingAccept">
                    <xs:annotation>
                        <xs:documentation>Response from USPS
indicating that combined mailing began.</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>

```

```

                <xs:element
name="CombinedMailingID" type="xs:nonNegativeInteger" minOccurs="0"/>
                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_defs:MailXMLMsgResponseHeaderInfo"/>
        </xs:complexType>
    </xs:element>
    <xs:element name="BeginCombinedMailingReject">
    <xs:annotation>
        <xs:documentation>Response from USPS
indicating that combined mailing
could not be established and
why.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:MailXMLMsgResponseHeaderInfo"/>
    </xs:complexType>
    </xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--==== Bundle Detail Messages =====>
<!-- -->
<!-- ===== -->

<!--==== Bundle Detail Cancel Request =====>
<xs:element name="BundleDetailCancelRequest">
    <xs:annotation>
        <xs:documentation>Request to cancel unique bundle
detail.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:choice>
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>

```

```

                                <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                                <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                                </xs:sequence>
                                </xs:choice>
                                <xs:sequence minOccurs="1"
maxOccurs="unbounded">
                                <xs:element name="ContainerID"
type="mailxml_base:s06"/>
                                <xs:element name="BundleID"
type="mailxml_base:s06" minOccurs="0" maxOccurs="unbounded"/>
                                </xs:sequence>
                                </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
                                </xs:complexType>
                                </xs:element>

                                <!--=== Bundle Detail Cancel Response ===-->
                                <xs:element name="BundleDetailCancelResponse">
                                    <xs:annotation>
                                        <xs:documentation>Response to the request to cancel
unique bundle detail.</xs:documentation>
                                    </xs:annotation>
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                                            <xs:choice>
                                                <xs:element name="BundleDetailCancelAccept">
                                                    <xs:complexType>
                                                        <xs:sequence>
                                                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                                                        </xs:sequence>
                                                        <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
                                                    </xs:complexType>
                                                </xs:element>
                                                <xs:element name="BundleDetailCancelReject">
                                                    <xs:complexType>
                                                        <xs:sequence>
                                                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                                                        </xs:sequence>
                                                        <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
                                                    </xs:complexType>
                                                </xs:element>
                                            </xs:choice>
                                        </xs:sequence>
                                    </xs:complexType>
                                </xs:element>

                                <!--=== Bundle Detail Create Request ===-->
                                <xs:element name="BundleDetailCreateRequest">

```

```

        <xs:annotation>
            <xs:documentation>Request to create unique bundle
detail information.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:choice>
                    <xs:sequence>
                        <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                        <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                    </xs:sequence>
                    <xs:sequence>
                        <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                        <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                    </xs:sequence>
                </xs:choice>
                <xs:element name="BundleDetail"
type="mailxml_mm:bundleDetailType" maxOccurs="unbounded" />
            </xs:sequence>
            <xs:attributeGroup ref="mailxml_defs:MailXMLHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--===      Bundle Detail Create Response      ===-->
    <xs:element name="BundleDetailCreateResponse">
        <xs:annotation>
            <xs:documentation>Response to the request to create
unique bundle detail information.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="BundleDetailCreateAccept">
                        <xs:complexType>
                            <xs:sequence maxOccurs="unbounded">
                                <!-- <xs:element
name="BundleConfirmID" type="mailxml_base:s12"/> -->
                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                            </xs:sequence>
                            <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
                        </xs:complexType>
                    </xs:element>
                    <xs:element name="BundleDetailCreateReject">

```

```

        <xs:complexType>
            <xs:sequence>
                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
        </xs:complexType>
    </xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--===      Bundle Detail Type      ===-->
<!--=== v9.0 dk CR 009, DA 17, SS003, CR 07      ===-->
<xs:complexType name="bundleDetailType">
    <xs:sequence>
        <xs:element name="ContainerID"
type="mailxml_base:s06"/>
        <xs:element name="BundleID"
type="mailxml_base:s06" minOccurs="1"/>
        <xs:element name="TotalPieces"
type="xs:nonNegativeInteger"/>
        <xs:element name="TotalCopies"
type="xs:nonNegativeInteger"/>
        <xs:element name="BundleZip"
type="mailxml_base:zipCodeThreeOrFiveDigit"/>
        <xs:element name="BundleCarrierRoute"
type="mailxml_base:es4" minOccurs="0"/>
        <xs:element name="DestinationEntry"
type="mailxml_base:entryDiscountType" minOccurs="0"/>
        <xs:element name="Zone"
type="mailxml_base:zoneICType" minOccurs="0"/>
        <xs:element name="DestinationZip"
type="mailxml_base:zipCodeThreeOrFiveDigit" minOccurs="0"/>
        <xs:element name="OutsideCountyBundleIndicator"
type="mailxml_base:inCountyOutCountyIndicatorType" minOccurs="0"/>
        <xs:element name="SortationLevel"
type="mailxml_base:containerLevelType" minOccurs="1"/>
        <xs:element name="BundleLevel"
type="mailxml_base:bundleDetailLevelType"/>
        <xs:element name="ParentBundleID"
type="mailxml_base:s06" minOccurs="1"/>
        <xs:element name="BundleBarcode"
type="mailxml_base:s20" minOccurs="0"/>
        <xs:element name="BundleStatus"
type="mailxml_base:bundleStatusType" minOccurs="0"/>
        <xs:element name="BundleRecordStatus"
type="mailxml_base:bundleRecordStatusType" minOccurs="0"/>
        <xs:element name="USPSPriceIncentiveType"
type="mailxml_base:USPSPriceIncentiveType" minOccurs="0"/>
        <xs:element name="USPSPriceIncentiveID"
type="mailxml_base:USPSPriceIncentiveIDType" minOccurs="0"/>

```

```

        <xs:element
name="USPSPackageUniqueCharacteristic"
type="mailxml_base:uspsPackageUniqueCharacteristicType" minOccurs="0"/>
        <xs:element name="BundleVersion" minOccurs="0">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="VersionID"
type="mailxml_base:s10"/>
                    <xs:element
name="VersionName" type="mailxml_base:s12"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>

<!--====      Close Mailing Group Messages      =====>
<!--                                     -->
<!--      =====      -->

<!--==== Close Mailing Group Request =====>
<xs:element name="CloseMailingGroupRequest">
    <xs:annotation>
        <xs:documentation>Request for USPS to close or delete
a Mailing Group that does not suit their business
needs.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_mm:MailXMLMailGroupRequestHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--==== Close Mailing Group Response      =====>
<xs:element name="CloseMailingGroupResponse">
    <xs:annotation>
        <xs:documentation>Response from USPS to the request
to close or delete a Mailing Group that does not suit their business
needs.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="CloseMailingGroupAccept">
                    <xs:annotation>
                        <xs:documentation>Response from USPS that a Mailing
Group has been closed.

```

```

        </xs:documentation>
    </xs:annotation>
    <xs:complexType>
    <xs:sequence>
        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_mm:MailXMLMailGroupResponseHeaderInfo"/>
    </xs:complexType>
</xs:element>
    <xs:element name="CloseMailingGroupReject">
    <xs:annotation>
        <xs:documentation>Response from USPS that a Mailing
Group could not be closed and why.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
    <xs:sequence>
        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_mm:MailXMLMailGroupResponseHeaderInfo"/>
    </xs:complexType>
</xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--==== Consolidated Periodical Statement Messages =====>
<!-- -->
<!-- ===== -->

<!--==== Consolidated Periodical Statement Create Request =====>
<!-- -->
<!-- ===== -->

    <xs:element name="ConsolidatedPeriodicalStatementCreateRequest">
    <xs:annotation>
        <xs:documentation>A message requesting the creation
of a consolidated periodical statement.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
    <xs:sequence>
        <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
        <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        <xs:element
name="CreateConsolidatedPeriodicalStatementData"
type="mailxml_mm:createConsolidatedPeriodicalStatementDataType"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementRequestHeaderInfo"/>
    </xs:complexType>

```

```

    </xs:element>

    <!--=== ConsolidatedPeriodicalStatementCreate Response ===-->
    <xs:element name="ConsolidatedPeriodicalStatementCreateResponse">
        <xs:annotation>
            <xs:documentation>Response to the message requesting
the creation of a consolidated periodical statement.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element
name="ConsolidatedPeriodicalStatementCreateAccept">
                        <xs:annotation>

                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element name="StatementID"
type="xs:nonNegativeInteger"/>
                                <xs:element name="TotalPostage"
type="xs:double"/>
                                <xs:element
name="PostageStatementStatus"
type="mailxml_base:postageStatementStatusType" minOccurs="0"/>
                                    <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                                </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementResponseHeaderInfo"/>
                            </xs:complexType>
                        </xs:element>
                    <xs:element
name="ConsolidatedPeriodicalStatementCreateReject">
                        <xs:annotation>

                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                                </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementResponseHeaderInfo"/>
                            </xs:complexType>
                        </xs:element>
                    </xs:choice>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    
```

```

        <!--=== Create Consolidated Periodical Statement Type ===-->
        <xs:complexType
name="createConsolidatedPeriodicalStatementDataType">
            <xs:sequence>
                <xs:element name="PeriodicalStatement"
type="mailxml_mm:createPeriodicalStatementType" maxOccurs="unbounded"/>
                <xs:element name="FirstStatementSequenceNumber"
type="mailxml_base:s30"/>
                <xs:element name="LastStatementSequenceNumber"
type="mailxml_base:s30"/>
                <xs:element name="LimitedCirculationDiscountClaimed"
type="mailxml_base:yesNo"/>
                <xs:element name="PublisherData"
type="mailxml_defs:mailerDataRequestType"/>
                <xs:element name="MailingAgentData"
type="mailxml_defs:mailerDataRequestType" minOccurs="0" />
                <xs:element name="ContainerCount"
type="mailxml_defs:containerCountType"/>
                <xs:element ref="mailxml_mm:PeriodicalLineItemData"
minOccurs="0" maxOccurs="unbounded"/>
            </xs:sequence>
        </xs:complexType>

```

```

        <!--=== Container Bundle Report Messages ===-->
        <!-- -->
        <!-- ===== -->

        <!--=== Container Bundle Report Cancel Request ===-->
        <xs:element name="ContainerBundleReportCancelRequest">
            <xs:annotation>
                <xs:documentation>Request to cancel a container
report.</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                    <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                </xs:sequence>
                <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
            </xs:complexType>
        </xs:element>

```

```

        <!--=== Container Bundle Report Cancel Response ===-->
        <xs:element name="ContainerBundleReportCancelResponse">
            <xs:annotation>
                <xs:documentation>Response to the request to cancel a
container report.</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>

```

```

        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:choice>
            <xs:element
name="ContainerBundleReportCancelAccept">
                <xs:annotation>
                    <xs:documentation></xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element
name="ContainerBundleReportID" type="mailxml_base:s12" minOccurs="1"
maxOccurs="unbounded"/>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                                </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
                                    </xs:complexType>
                                </xs:element>
                            <xs:element
name="ContainerBundleReportCancelReject">
                                <xs:annotation>
                                    <xs:documentation></xs:documentation>
                                </xs:annotation>
                                <xs:complexType>
                                    <xs:sequence>
                                        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                                            </xs:sequence>
                                            <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
                                                </xs:complexType>
                                            </xs:element>
                                        </xs:choice>
                                    </xs:sequence>
                                </xs:complexType>
                            </xs:element>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

    <!--== Container Bundle Report Create Request ==-->
    <xs:element name="ContainerBundleReportCreateRequest">
        <xs:annotation>
            <xs:documentation>Request to create a container
report.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                    <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                        <xs:choice>
                            <xs:element
ref="mailxml_mm:ContainerBundleVersionRecords"/>
                                <xs:element
ref="mailxml_mm:ContainerBundleSummaryRecords"/>

```

```

        </xs:choice>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
</xs:complexType>
</xs:element>

<!--== Container Bundle Version Records ==-->
<xs:element name="ContainerBundleVersionRecords">
    <xs:complexType>
        <xs:sequence>
            <xs:element
name="SackTrayContainerVersionRecord"
type="mailxml_defs:sackTrayContainerVersionRecordType" minOccurs="0"
maxOccurs="unbounded"/>
            <xs:element name="PalletContainerVersionRecord"
type="mailxml_defs:palletContainerVersionRecordType" minOccurs="0"
maxOccurs="unbounded"/>
            <xs:element name="BundleVersionRecord"
type="mailxml_defs:bundleVersionRecordType" minOccurs="0"
maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--== Container Bundle Summary Records ==-->
<xs:element name="ContainerBundleSummaryRecords">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SackTrayContainerRecord"
type="mailxml_defs:sackTrayContainerRecordType" minOccurs="0"
maxOccurs="unbounded"/>
            <xs:element name="PalletContainerRecord"
type="mailxml_defs:palletContainerRecordType" minOccurs="0"
maxOccurs="unbounded"/>
            <xs:element name="BundleRecord"
type="mailxml_defs:bundleRecordType" minOccurs="0"
maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--== Container Bundle Report Create Response ==-->
<xs:element name="ContainerBundleReportCreateResponse">
    <xs:annotation>
        <xs:documentation>Response to the request to create a
container report.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element
name="ContainerBundleReportCreateAccept">
                    <xs:annotation>

```

```

        <xs:documentation></xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:choice>
                <xs:sequence>
                    <xs:element
name="ContainerBundleReportID" type="mailxml_base:s12"/>
                    <xs:element
name="ContainerBundleStatus"
type="mailxml_base:containerBundleStatusType"/>
                </xs:sequence>
            </xs:choice>
            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
    </xs:complexType>
</xs:element>
<xs:element
name="ContainerBundleReportCreateReject">
    <xs:annotation>
        <xs:documentation></xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
    </xs:complexType>
</xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--== Container Bundle Report Query Request ==-->
<xs:element name="ContainerBundleReportQueryRequest">
    <xs:annotation>
        <xs:documentation>Query request for for a container
bundle report</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
    </xs:complexType>
</xs:element>

```

```

    <!--=== Container Bundle Report Query Response ===-->
    <xs:element name="ContainerBundleReportQueryResponse">
        <xs:annotation>
            <xs:documentation>Response to the query for a
container bundle report</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="QueryResults">
                        <xs:annotation>
                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element
ref="mailxml_mm:ContainerBundleReports" maxOccurs="unbounded"/>
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                    <xs:element ref="mailxml_defs:QueryError"/>
                </xs:choice>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--=== Container Bundle Reports ===-->
    <xs:element name="ContainerBundleReports">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="ContainerBundleReportID"
type="mailxml_base:s12"/>
                <xs:choice>
                    <xs:element
ref="mailxml_mm:ContainerBundleVersionRecords"/>
                    <xs:element
ref="mailxml_mm:ContainerBundleSummaryRecords"/>
                </xs:choice>
                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

    <!--=== Customer Mail Report Messages ===-->
    <!-- -->
    <!-- ===== -->

    <!--=== Customer Mail Report Create Request ===-->
    <xs:element name="CustomerMailReportCreateRequest">
        <xs:annotation>

```

```

        <xs:documentation>Request to create a Customer Mail
Report.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                <xs:element name="OnePassPlannedOrActual"
type="mailxml_base:yesNo" minOccurs="0"/>
                <xs:element name="OnePassOrTwoPass"
type="mailxml_base:onePassOrTwoPassType" minOccurs="0"/>
                <xs:element name="CustomerMailReportInfo"
type="mailxml_mm:customerMailReportInfoType" minOccurs="1"
maxOccurs="unbounded"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

    <!--=== Customer Mail Report Info Type ===-->
    <xs:complexType name="customerMailReportInfoType">
        <xs:sequence>
            <xs:element name="CustomerName"
type="mailxml_base:s50" minOccurs="0"/>
            <xs:element name="PermitInfo"
type="mailxml_defs:permitPublicationDataType" minOccurs="0"/>
            <xs:element name="RateAffixed" type="xs:double"
minOccurs="0"/>
            <xs:element name="AdditionalPermitInfo"
type="mailxml_defs:permitPublicationDataType" minOccurs="0"/>
            <xs:element name="Weight" type="xs:double"
minOccurs="0"/>
            <xs:element name="TotalPostage" type="xs:double"
minOccurs="0"/>
            <xs:element name="PostageAffixed" type="xs:double"
minOccurs="0"/>
            <xs:element name="NumberOfPieces"
type="xs:nonNegativeInteger" minOccurs="0"/>
            <xs:element name="RunningTotalNumberOfPieces"
type="xs:nonNegativeInteger" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>

    <!--=== Customer Mail Report Create Response ===-->
    <xs:element name="CustomerMailReportCreateResponse">
        <xs:annotation>
            <xs:documentation>
                Response to the Request to create a Customer Mail
Report
            </xs:documentation>
        </xs:annotation>
    </xs:element>

```

```

        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element
name="CustomerMailReportCreateAccept">
                        <xs:annotation>

                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element
name="CustomerMailReportCreateReject">
                    <xs:annotation>

                        <xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--====      End Combined Mailing Messages  ====-->
<!--      -->
<!--      =====      -->

<!--==== End Combined Mailing Request      ====-->
<xs:element name="EndCombinedMailingRequest">
    <xs:annotation>
        <xs:documentation>Request to end/delete a combined
mailing in which multiple postage payment methods (and or multiple
permit numbers within the same payment method) are presorted
together.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>

```

```

        <xs:element name="CombinedMailingID"
type="xs:nonNegativeInteger"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementRequestHeaderInfo"/>
        </xs:complexType>
        </xs:element>

        <!--== End Combined Mailing Response ==-->
        <xs:element name="EndCombinedMailingResponse">
        <xs:annotation>
        <xs:documentation>Response from the USPS to a
customer requesting to end a combined mailing.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
        <xs:sequence>
        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:choice>
        <xs:element name="EndCombinedMailingAccept">
        <xs:annotation>
        <xs:documentation>Response from the USPS
notifying a customer
a combined mailing has been
ended.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
        <xs:sequence>
        <xs:element
name="CombinedMailingID" type="xs:nonNegativeInteger" minOccurs="1"/>
        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:MailXMLMsgResponseHeaderInfo"/>
        </xs:complexType>
        </xs:element>

        <xs:element name="EndCombinedMailingReject">
        <xs:annotation>
        <xs:documentation>Response from the USPS
notifying a customer
a combined mailing could not be ended and
why.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
        <xs:sequence>
        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:MailXMLMsgResponseHeaderInfo"/>
        </xs:complexType>
        </xs:element>
        </xs:choice>
        </xs:sequence>
        </xs:complexType>

```

```

</xs:element>

<!--====      Mailing Group Query Messages      =====>
<!--      -->
<!--      =====      -->

<!--==== Mailing Group Query Request =====>
<xs:element name="MailingGroupQueryRequest">
  <xs:annotation>
    <xs:documentation>Query request for mailing group
identification information.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_mm:MailXMLMailGroupRequestHeaderInfo"/>
  </xs:complexType>
</xs:element>

<!--==== Mailing Group Query Response      =====>
<xs:element name="MailingGroupQueryResponse">
  <xs:annotation>
    <xs:documentation>Response to the query request for
mailing group identification information.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
      <xs:choice>
        <xs:element name="QueryResults">
          <xs:annotation>
            <xs:documentation></xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="MailingGroup"
type="mailxml_defs:mailingGroupDataType"/>
              <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element ref="mailxml_defs:QueryError"/>
      </xs:choice>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_mm:MailXMLMailGroupResponseHeaderInfo"/>
  </xs:complexType>
</xs:element>

```

```

<!--===      Mail Piece Messages      ===-->
<!--      -->
<!--      =====      -->

<!--=== Mail Piece Cancel Request ===-->
<xs:element name="MailPieceCancelRequest"
type="mailxml_mm:mailPieceCancelType">
  <xs:annotation>
    <xs:documentation>Request to cancel a mail
piece.</xs:documentation>
  </xs:annotation>
</xs:element>

<!--=== Mail Piece Cancel Type      ===-->
  <xs:complexType name="mailPieceCancelType">
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
      <xs:choice>
        <xs:sequence>
          <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
          <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
          <xs:element name="TransmittedCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:choice>
          <xs:element
name="PDRMailPieceBlock" type="mailxml_defs:PDRMailPieceBlockType"
maxOccurs="unbounded"/>
          <xs:element
name="PDRRangePieceBlock" maxOccurs="unbounded">
            <xs:complexType>
              <xs:sequence>
                <xs:element
name="DatabaseContainerID"
type="mailxml_base:databaseContainerIDType"/>
                <xs:element
name="PieceRangeBlock" type="mailxml_defs:pieceRangeBlockType"
maxOccurs="unbounded"/>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        <xs:element
name="MailPieceID" type="mailxml_defs:mailPieceIDType"
maxOccurs="unbounded"/>
        <xs:element
name="PieceRangeID" type="mailxml_base:s22" maxOccurs="unbounded"/>
      </xs:choice>
    </xs:sequence>
  </xs:sequence>

```

```

                                <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                                <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                                <xs:element name="TransmittedCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
                                <xs:choice>
                                    <xs:element
name="MailPieceBlockGroup" type="mailxml_defs:mailPieceBlockGroupType"
maxOccurs="unbounded"/>
                                    <xs:element
name="MailXMLPieceRangeBlock" maxOccurs="unbounded">
                                        <xs:complexType>
                                            <xs:sequence>
                                                <xs:element
name="ContainerID" type="mailxml_base:s06" maxOccurs="unbounded"/>
                                                <xs:element
name="PieceRangeBlock" type="mailxml_defs:pieceRangeBlockType"
maxOccurs="unbounded"/>
                                            </xs:sequence>
                                        </xs:complexType>
                                    </xs:element>
                                </xs:choice>
                            </xs:sequence>
                        </xs:choice>
                    </xs:sequence>
                <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
            </xs:complexType>

            <!--=== Mail Piece Cancel Response ===-->
            <xs:element name="MailPieceCancelResponse">
                <xs:annotation>
                    <xs:documentation>Response to the request to cancel a
mail piece.</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                        <xs:choice>
                            <xs:element name="MailPieceCancelAccept">
                                <xs:annotation>
                                    <xs:documentation></xs:documentation>
                                </xs:annotation>
                                <xs:complexType>
                                    <xs:sequence maxOccurs="unbounded">
                                        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                                    </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
                                </xs:complexType>
                            </xs:element>

                            <xs:element name="MailPieceCancelReject">

```

```

        <xs:annotation>
            <xs:documentation></xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
        </xs:complexType>
    </xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--== Mail Piece Create Request ==-->
<xs:element name="MailPieceCreateRequest">
    <xs:annotation>
        <xs:documentation>Request to create a mail
piece.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:complexContent>
            <xs:extension
base="mailxml_mm:mailPieceRequestType">
                <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupOptionalType"/>
                <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
            </xs:extension>
        </xs:complexContent>
    </xs:complexType>
</xs:element>

<!--== Mail Piece Create Response ==-->
<xs:element name="MailPieceCreateResponse">
    <xs:annotation>
        <xs:documentation>Response to the request to create a
mailpiece.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="MailPieceCreateAccept">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence maxOccurs="unbounded">
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>

```

```

        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <xs:element name="MailPieceCreateReject">
    <xs:annotation>
        <xs:documentation></xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
        </xs:complexType>
    </xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--== Mail Piece Request Type ==-->
    <xs:complexType name="mailPieceRequestType">
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:choice>
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                    <xs:element name="TransmittedCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
                </xs:choice>
            </xs:choice>
            <xs:element
name="PDRMailPieceBlock" type="mailxml_defs:PDRMailPieceBlockType"
maxOccurs="unbounded"/>
            <xs:element
name="PDRRangePieceBlock" maxOccurs="unbounded">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element
name="DatabaseContainerID"
type="mailxml_base:databaseContainerIDType"/>
                        <xs:element
name="PieceRangeBlock" type="mailxml_defs:pieceRangeBlockType"
maxOccurs="unbounded"/>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

        </xs:choice>
    </xs:sequence>
    <xs:sequence>
        <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
        <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
        <xs:element name="TransmittedCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:choice>
            <xs:element
name="MailPieceBlockGroup" type="mailxml_defs:mailPieceBlockGroupType"
maxOccurs="unbounded"/>
            <xs:element
name="MailXMLPieceRangeBlock" maxOccurs="unbounded">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element
name="ContainerID" type="mailxml_base:s06" maxOccurs="unbounded"/>
                        <xs:element
name="PieceRangeBlock" type="mailxml_defs:pieceRangeBlockType"
maxOccurs="unbounded"/>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:choice>
    </xs:sequence>
</xs:choice>
</xs:sequence>
</xs:complexType>

```

```

<!--=== Mail Piece Update Request ===-->
<xs:element name="MailPieceUpdateRequest">
    <xs:annotation>
        <xs:documentation>Request to update a mail
piece.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:complexContent>
            <xs:extension
base="mailxml_mm:mailPieceRequestType">
                <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
            </xs:extension>
        </xs:complexContent>
    </xs:complexType>
</xs:element>

```

```

<!--=== Mail Piece Update Response ===-->
<xs:element name="MailPieceUpdateResponse">
    <xs:annotation>
        <xs:documentation>Response to the request to update a
mail piece.</xs:documentation>
    </xs:annotation>
    <xs:complexType>

```

```

        <xs:sequence>
          <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
          <xs:choice>
            <xs:element name="MailPieceUpdateAccept">
              <xs:annotation>
                <xs:documentation></xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                </xs:sequence>
                <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
              </xs:complexType>
            </xs:element>
            <xs:element name="MailPieceUpdateReject">
              <xs:annotation>
                <xs:documentation></xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                </xs:sequence>
                <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
              </xs:complexType>
            </xs:element>
          </xs:choice>
        </xs:sequence>
      </xs:complexType>
    </xs:element>

    <!--====      Open Mailing Group Messages      =====>
    <!--      -->
    <!--      =====      -->

    <!--==== Open Mailing Group Request  =====>
    <xs:element name="OpenMailingGroupRequest">
      <xs:annotation>
        <xs:documentation>Request to open a Mailing Group as
a method to allow USPS customers to organize documents in a manner that
suits their business needs.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
          <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
          <xs:element name="MailingGroupData"
type="mailxml_defs:mailingGroupDataType" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>

```

```

        <xs:attributeGroup
ref="mailxml_mm:MailXMLOpenMailGroupRequestHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--=== Open Mailing Group Response ===-->
<xs:element name="OpenMailingGroupResponse">
    <xs:annotation>
        <xs:documentation>Response from USPS to the customer
request to open a Mailing Group</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="OpenMailingGroupAccept">
                    <xs:annotation>
                        <xs:documentation>Response from USPS to
the customer indicating that a Mailing Group was
opened</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                        </xs:sequence>
                        <xs:attributeGroup
ref="mailxml_mm:MailXMLOpenMailGroupResponseAcceptHeaderInfo"/>
                    </xs:complexType>
                </xs:element>
                <xs:element name="OpenMailingGroupReject">
                    <xs:annotation>
                        <xs:documentation>Response from USPS to
the customer indicating that a Mailing Group could not be opened and
why.</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="PostOfficeOfMailingZip"
type="mailxml_base:es5" />
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                        </xs:sequence>
                        <xs:attributeGroup
ref="mailxml_mm:MailXMLOpenMailGroupResponseRejectHeaderInfo"/>
                    </xs:complexType>
                </xs:element>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--=== Payment Messages ===-->
<!-- -->

```

```

<!--          =====          -->

<!--==== Payment Message Query Request      ---->
<xs:element name="PaymentMessageQueryRequest">
  <xs:annotation>
    <xs:documentation>Query request for a payment
message.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_mm:PostageMessageHeaderInfo"/>
  </xs:complexType>
</xs:element>

<!--==== Payment Message Query Response      ---->
<xs:element name="PaymentMessageQueryResponse">
  <xs:annotation>
    <xs:documentation>Response to the query
request for a payment message.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
      <xs:choice>
        <xs:element name="QueryResults">
          <xs:annotation>
            <xs:documentation></xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence minOccurs="0" maxOccurs="unbounded">
              <xs:element ref="mailxml_mm:PaymentMessage"/>
              <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element ref="mailxml_defs:QueryError"/>
      </xs:choice></xs:sequence>
    <xs:attributeGroup ref="mailxml_mm:PostageMessageHeaderInfo"/>
  </xs:complexType>
</xs:element>

<!--==== Payment Message ---->
<xs:element name="PaymentMessage">
  <xs:complexType>
    <xs:sequence>
      <xs:element
name="PostageStatementTransactionNumber" type="xs:string"/>

```

```

        <xs:element
name="CustomerReferenceTransactionNumber" type="xs:string"/>
        <xs:element name="MailingFacility"
type="mailxml_base:CRIDType" minOccurs="0"/>
        <xs:element name="PostageAmountPaid"
type="xs:double"/>
        <xs:element name="DateOfTransaction"
type="xs:date"/>
        <xs:element name="TimeOfTransaction"
type="xs:time"/>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--==== Periodical Statement Messages =====>
<!-- -->
<!-- ===== -->

<!--==== Periodical Line Item Data Data =====>
<!--==== V9.0 dk CR 00, 07 =====>
<xs:element name="PeriodicalLineItemData">
    <xs:annotation>
        <xs:documentation></xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Copies"
type="xs:nonNegativeInteger" minOccurs="0"/>
            <xs:element name="DiscountQty" type="xs:double"
minOccurs="0"/>
            <xs:element name="PeriodicalPrice"
type="mailxml_base:periodicalPriceType" minOccurs="0"/>
            <xs:element name="InOutCountyIndicator"
type="mailxml_base:inCountyOutCountyIndicatorType"/>
            <xs:element name="LineLabel"
type="mailxml_base:s80" minOccurs="0"/>
            <xs:element name="LineNumber"
type="mailxml_base:s03" minOccurs="0"/>
            <xs:element name="NonCopies"
type="xs:nonNegativeInteger" minOccurs="0"/>
            <xs:element name="PieceRate" type="xs:double"
minOccurs="0"/>
            <xs:element name="Pieces"
type="xs:nonNegativeInteger" minOccurs="0"/>
            <xs:element name="PostageAmount"
type="xs:double" minOccurs="0"/>
            <xs:element name="PoundRate" type="xs:double"
minOccurs="0"/>
            <xs:element name="RateCategory"
type="mailxml_base:rateCategoryType" minOccurs="0"/>
            <xs:element name="Section"
type="mailxml_base:s01" minOccurs="0"/>
            <xs:element name="SubreqCopies"
type="xs:nonNegativeInteger" minOccurs="0"/>
            <xs:element name="Zone"
type="mailxml_base:zoneICType" minOccurs="0"/>

```

```

        <xs:element name="ChargeableContainerType"
type="mailxml_base:chargeableContainerType" minOccurs="0"/>
        <xs:element name="ChargeableContainerLevel"
type="mailxml_base:chargeableContainerLevelType" minOccurs="0"/>
        <xs:element name="ContainerID"
type="mailxml_base:s06" minOccurs="0"/>
        <xs:element name="ChargableBundleLevel"
type="mailxml_base:chargeableBundleLevelType" minOccurs="0"/>
        <xs:element name="Bundles" type="xs:double"
minOccurs="0"/>
        <xs:element name="ChargeableEntryLevel"
type="mailxml_base:chargeableEntryLevelType" minOccurs="0"/>
        <xs:element name="Containers" type="xs:double"
minOccurs="0"/>
        <xs:element name="MachinableFlag"
type="mailxml_base:yesNo" minOccurs="0"/>
        <xs:element
name="FullServiceParticipationIndicator" type="mailxml_base:fspiType"
minOccurs="0"/>
        <xs:element
name="USPSPackageUniqueCharacteristic"
type="mailxml_base:uspsPackageUniqueCharacteristicType" minOccurs="0"/>
        <xs:element name="USPSPriceIncentiveType"
type="mailxml_base:USPSPriceIncentiveType" minOccurs="0"/>
        <xs:element name="USPSPriceIncentiveID"
type="mailxml_base:USPSPriceIncentiveIDType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--=== PERIODICAL STATEMENT CREATE REQUEST ===-->
<xs:element name="PeriodicalStatementCreateRequest">
    <xs:annotation>
        <xs:documentation>Request to create a periodical
statement.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="CreatePeriodicalStatement"
type="mailxml_mm:createPeriodicalStatementType"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementRequestHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--=== PERIODICAL STATEMENT CREATE RESPONSE ===-->
<xs:element name="PeriodicalStatementCreateResponse">
    <xs:annotation>
        <xs:documentation>Response to a request to create a
periodical statement.</xs:documentation>
    </xs:annotation>

```

```

        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="PeriodicalStatementCreateAccept">
                        <xs:annotation>
                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:choice>
                                <xs:sequence>
                                    <xs:element name="StatementID"
type="xs:nonNegativeInteger" />
                                    <xs:element
name="UserPostageStatementID" type="mailxml_base:s10" minOccurs="0"/>
                                    <xs:element name="TotalPostage"
type="xs:double"/>
                                    <xs:element name="TotalPostageDue"
type="xs:double"/>
                                    <xs:element name="VolumeNumber"
type="mailxml_base:s05" minOccurs="0" />
                                    <xs:element name="IssueNumber"
type="mailxml_base:s06" minOccurs="0" />
                                    <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                                </xs:sequence>
                            </xs:choice>
                        <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementResponseHeaderInfo"/>
                    </xs:complexType>
                </xs:element>
                <xs:element name="PeriodicalStatementCreateReject">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                        </xs:sequence>
                    <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementResponseHeaderInfo"/>
                </xs:complexType>
            </xs:element>
        </xs:choice>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--== Periodical Statement Query Request ==-->
<xs:element name="PeriodicalStatementQueryRequest">
    <xs:annotation>
        <xs:documentation>Query request for a periodical
statement.</xs:documentation>
    </xs:annotation>

```

```

    <xs:complexType>
      <xs:sequence>
        <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
        <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        <xs:choice>
          <xs:element name="StatementID"
type="xs:nonNegativeInteger"/>
          <xs:element name="IncludeChildStatement"
type="mailxml_base:yesNo"/>
        </xs:choice>
      </xs:sequence>
      <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementRequestHeaderInfo"/>
    </xs:complexType>
  </xs:element>

  <!--== Periodical Statement Query Response ==-->
  <xs:element name="PeriodicalStatementQueryResponse">
    <xs:annotation>
      <xs:documentation>Response to a query request for a
periodical statement.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:choice>
          <xs:element name="QueryResults">
            <xs:annotation>
              <xs:documentation></xs:documentation>
            </xs:annotation>
            <xs:complexType>
              <xs:sequence>
                <xs:element name="PeriodicalStatementData"
type="mailxml_mm:periodicalStatementDataType"/>
                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element ref="mailxml_defs:QueryError"/>
        </xs:choice>
      </xs:sequence>
      <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementResponseHeaderInfo"/>
    </xs:complexType>
  </xs:element>

  <!--== Abstract Periodical Statement Data Type ==-->
  <xs:complexType name="abstractPeriodicalStatementDataType"
abstract="true">
    <xs:sequence>
      <xs:element name="AdvertisingPercentage"
type="mailxml_base:percentageType"/>

```

```

        <xs:element name="AutomationAddressMatchDate"
type="xs:date" minOccurs="0"/>
        <xs:element name="CustomerReferenceID"
type="mailxml_base:s40" minOccurs="0"/>
        <xs:element name="UserPostageStatementID"
type="mailxml_base:s10" minOccurs="0"/>
        <xs:element name="CarrierRouteAddressMatchDate"
type="xs:date" minOccurs="0"/>
        <xs:element name="CarrierRouteSequencingDate"
type="xs:date" minOccurs="0"/>
        <xs:element name="CertificationData"
type="mailxml_defs:certificationDataType"/>
        <xs:element name="ContainerCount"
type="mailxml_defs:containerCountType"/>
        <xs:element name="CopyWeight" type="xs:double"/>
        <xs:element name="EditionCode"
type="mailxml_base:s20" minOccurs="0"/>
        <xs:element name="FirstIssueDate" type="xs:date"
minOccurs="0"/>
        <xs:element name="FormType"
type="mailxml_base:formType"/>
        <xs:element name="IssueDate" type="xs:date"/>
        <xs:element name="IssueFrequency"
type="mailxml_base:s20" minOccurs="0"/>
        <xs:element name="LastIssueDate" type="xs:date"
minOccurs="0"/>
        <xs:element name="PostageStatementMailingDate"
type="xs:date"/>
        <xs:element name="Over10" type="mailxml_base:yesNo"/>
        <xs:element name="LimitedCirculationDiscountClaimed"
type="mailxml_base:yesNo"/>
        <xs:element ref="mailxml_mm:PeriodicalLineItemData"
minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="PostagePaymentMethod"
type="mailxml_base:postagePaymentMethodType"/>
        <xs:element name="ProcessingCategory"
type="mailxml_base:processingCategoryType" minOccurs="1"/>
        <xs:element name="PublicationTitle"
type="mailxml_base:s60" minOccurs="0"/>
        <xs:element name="CombinedMailingID"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:element name="RateType"
type="mailxml_base:rateType" minOccurs="1"/>
        <xs:element name="SingleRideAlongWeight"
type="xs:double" minOccurs="0"/>
        <xs:element name="StatementSequenceNumber"
type="mailxml_base:s20" minOccurs="0"/>
        <xs:element name="EntryFacilityType"
type="mailxml_base:entryFacilityType" minOccurs="0"/>
        <xs:element name="EntryZip" type="mailxml_base:es5"
minOccurs="0"/>
        <xs:element name="AgencyCostCode"
type="mailxml_base:agencyCostCodeType" minOccurs="0"/>
        <xs:element name="RepositionableNotesIndicator"
type="mailxml_base:yesNo"/>
        <xs:element ref="mailxml_defs:DocumentVersionData"
minOccurs="0" maxOccurs="1"/>

```

```

        <xs:element name="MoveUpdateMethod"
type="mailxml_base:moveUpdateMethodType" minOccurs="0"/>
        <xs:element name="VolumeNumber"
type="mailxml_base:s05" minOccurs="0"/>
        <xs:element name="IssueNumber"
type="mailxml_base:s06" minOccurs="0"/>
        <xs:element name="InCountyAddressedSupplementPieces"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:element
name="OutsideCountyAddressedSupplementPieces"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:element
name="PiecesExcludingAddressedSupplementPieces"
type="xs:nonNegativeInteger"/>
        <xs:element name="ContainerPostage"
type="mailxml_defs:containerPostageType" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>

<!--== Create Periodical Statement Type ==-->
<xs:complexType name="createPeriodicalStatementType">
    <xs:complexContent>
        <xs:extension
base="mailxml_mm:abstractPeriodicalStatementDataType">
            <xs:sequence>
                <xs:element name="MailingAgentData"
type="mailxml_defs:mailerDataRequestType" minOccurs="0"/>
                <xs:element name="PublisherData"
type="mailxml_defs:mailerDataRequestType" />
                <xs:element name="PendingPostageAmount"
type="xs:double" minOccurs="0"/>
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>

<!--== Periodical Statement Data Type ==-->
<xs:complexType name="periodicalStatementDataType">
    <xs:complexContent>
        <xs:extension
base="mailxml_mm:abstractPeriodicalStatementDataType">
            <xs:sequence>
                <xs:element name="StatementID"
type="xs:nonNegativeInteger" minOccurs="0"/>
                <xs:element name="MailClass"
type="mailxml_base:mailClassType" minOccurs="0"/>
                <xs:element name="Origin" type="mailxml_base:s06"
minOccurs="0"/>
                <xs:element name="PostageStatementStatus"
type="mailxml_base:postageStatementStatusType" minOccurs="0"/>
                <xs:element name="TotalCopies"
type="xs:nonNegativeInteger"/>
                <xs:element name="TotalPieces"
type="xs:nonNegativeInteger"/>
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>

```

```

        <xs:element name="TotalPostageAmount"
type="xs:double"/>
        <xs:element name="TotalWeight" type="xs:double"/>

        <xs:element name="MailingAgentData"
type="mailxml_defs:mailerDataType" />
        <xs:element name="PublisherData"
type="mailxml_defs:mailerDataType" />
        <xs:element name="PendingPostageAmount"
type="xs:double" minOccurs="0"/>
    </xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

<!--===      Postage Statement Messages      ===-->
<!--      -->
<!--      =====      -->

<!--=== POSTAGE STATEMENT CANCEL REQUEST ===-->
<xs:element name="PostageStatementCancelRequest">
    <xs:annotation>
        <xs:documentation>Request to cancel a postage
statement.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="StatementID"
type="xs:nonNegativeInteger" minOccurs="0"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementRequestHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--=== POSTAGE STATEMENT CANCEL RESPONSE ===-->
<xs:element name="PostageStatementCancelResponse">
    <xs:annotation>
        <xs:documentation>Response to a request to cancel a
postage statement.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element
name="PostageStatementCancelAccept">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>

```

```

        <xs:complexType>
            <xs:sequence>
                <xs:sequence minOccurs="0">
                    <xs:element
name="UserPostageStatementID" type="mailxml_base:s10" minOccurs="0"/>
                    <xs:element
name="StatementID" type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_defs:MailXMLMsgResponseHeaderInfo"/>
        </xs:complexType>
    </xs:element>
    <xs:element
name="PostageStatementCancelReject">
        <xs:annotation>
            <xs:documentation></xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_defs:MailXMLMsgResponseHeaderInfo"/>
        </xs:complexType>
    </xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

```

```

<!--=== Postage Statement Create Request ===-->
<!--=== v5.0 DK ===-->
<xs:element name="PostageStatementCreateRequest">
    <xs:annotation>
        <xs:documentation>Request to create a postage
statement.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="CreatePostageStatement"
type="mailxml_mm:createPostageStatementType" />
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementRequestHeaderInfo"/>
    </xs:complexType>
</xs:element>

```

```

<!--=== POSTAGE STATEMENT CREATE RESPONSE ===-->

```

```

    <xs:element name="PostageStatementCreateResponse">
      <xs:annotation>
        <xs:documentation>Response to a request to create a
postage statement.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
          <xs:choice>
            <xs:element
name="PostageStatementCreateAccept">
              <xs:annotation>
                <xs:documentation></xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:choice>
                  <xs:sequence>
                    <xs:element name="StatementID"
type="xs:nonNegativeInteger"/>
                    <xs:element name="UserPostageStatementID"
type="mailxml_base:s10" minOccurs="0"/>
                    <xs:element name="TotalPostage"
type="xs:double"/>
                    <xs:element name="TotalPostageDue"
type="xs:double"/>
                    <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                  </xs:sequence>
                </xs:choice>
                <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementResponseHeaderInfo"/>
              </xs:complexType>
            </xs:element>
            <xs:element
name="PostageStatementCreateReject">
              <xs:annotation>
                <xs:documentation></xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                </xs:sequence>
                <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementResponseHeaderInfo"/>
              </xs:complexType>
            </xs:element>
          </xs:choice>
        </xs:sequence>
      </xs:complexType>
    </xs:element>

    <!--== Posage Statement Line Item Data ==-->
    <!--== v9.0 dk CR 07, 09, CR 501 ==-->

```

```

    <xs:element name="PostageStatementLineItemData">
      <xs:annotation>
        <xs:documentation></xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="ProcessingCategory"
type="mailxml_base:processingCategoryType" minOccurs="0"/>
          <xs:element name="BarcodeRate"
type="mailxml_base:barcodeRateType" />
          <xs:element name="ContainerDisplayName"
type="mailxml_base:s50" minOccurs="0"/>
          <xs:element name="ContainerID"
type="mailxml_base:s06" minOccurs="0"/>
          <xs:element name="EntryDiscount"
type="mailxml_base:entryDiscountType" />
          <xs:element name="EntryFacilityType"
type="mailxml_base:entryFacilityType" minOccurs="0"/>
          <xs:element name="EntryZip"
type="mailxml_base:zipCodeThreeOrFiveDigit" minOccurs="0"/>
          <xs:element name="HeavyLetter"
type="mailxml_base:yesNo" />
          <xs:element name="LineLabel" type="mailxml_base:s80"
minOccurs="0"/>
          <xs:element name="LineNumber" type="mailxml_base:s03"
minOccurs="0"/>
          <xs:element name="PieceRate" type="xs:double"
minOccurs="0"/>
          <xs:element name="PostageAmount" type="xs:double"
minOccurs="0"/>
          <xs:element name="PoundRate" type="xs:double"
minOccurs="0"/>
          <xs:element name="PreparedAsSM"
type="mailxml_base:yesNo" />
          <xs:element name="RateCategory"
type="mailxml_base:rateCategoryType" minOccurs="0"/>
          <xs:element name="Section" type="mailxml_base:s01"
minOccurs="0"/>
          <xs:element name="SinglePieceWeight" type="xs:double"
minOccurs="0"/>
          <xs:element name="SurchargeType"
type="mailxml_base:surchargeType" />
          <xs:element name="TotalPieces"
type="xs:nonNegativeInteger" />
          <xs:element name="TotalWeight" type="xs:double"
minOccurs="0"/>
          <xs:element name="Zone"
type="mailxml_base:zoneICType" minOccurs="0"/>
          <xs:element name="VersionID" type="mailxml_base:s10"
minOccurs="0"/>
          <xs:element name="ContainerType"
type="mailxml_base:mailXMLContainerType" minOccurs="0"/>
          <xs:element name="FlatRateIndicator"
type="mailxml_base:flatRateIndicatorType" minOccurs="0"/>
          <xs:element name="FullServiceParticipationIndicator"
type="mailxml_base:fspiType" minOccurs="0"/>

```

```

        <xs:element name="SinglePieceDimensionalWeight"
type="xs:double" minOccurs="0"/>
        <xs:element name="USPSPackageUniqueCharacteristic"
type="mailxml_base:uspsPackageUniqueCharacteristicType" minOccurs="0"/>
        <xs:element name="USPSPriceIncentiveType"
type="mailxml_base:USPSPriceIncentiveType" minOccurs="0"/>
        <xs:element name="USPSPriceIncentiveID"
type="mailxml_base:USPSPriceIncentiveIDType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--== Postage Statement Query Request Type ==-->
<xs:element name="PostageStatementQueryRequest">
    <xs:annotation>
        <xs:documentation>Query request for a postage
statement.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:choice>
                <xs:element name="StatementID"
type="xs:nonNegativeInteger"/>
                <!-- <xs:element name="TrackingID"
type="mailxml_base:s12"/> -->
            </xs:choice>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementRequestHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--== Postage Statement Query Response ==-->
<xs:element name="PostageStatementQueryResponse">
    <xs:annotation>
        <xs:documentation>Response to the query for a postage
statement.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="QueryResults">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="PostageStatementData"
type="mailxml_mm:postageStatementDataType"/>

```

```

        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
    <xs:element ref="mailxml_defs:QueryError"/>
</xs:choice>
</xs:sequence>
    <xs:attributeGroup
ref="mailxml_mm:MailXMLPostageStatementResponseHeaderInfo"/>
</xs:complexType>
</xs:element>

<!--== Postage Statement Status Query Request==-->
<xs:element name="PostageStatementStatusQueryRequest">
    <xs:annotation>
        <xs:documentation>Query request for postage statement
status.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="StatementID"
type="xs:nonNegativeInteger"/>
            <xs:element name="IncludeChildStatement"
type="mailxml_base:yesNo" minOccurs="0"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_mm:MailXMLDashboardHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--== Postage Statement Status Query Response ==-->
<xs:element name="PostageStatementStatusQueryResponse">
    <xs:annotation>
        <xs:documentation>Response to the query for postage
statement status.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="QueryResults">
                    <xs:annotation>

<xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence maxOccurs="unbounded">
                            <xs:element name="PostageStatementSummary"
type="mailxml_mm:postageStatementSummaryType" maxOccurs="unbounded"/>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>

```

```

        </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element ref="mailxml_defs:QueryError"/>
</xs:choice>
</xs:sequence>
<xs:attributeGroup
ref="mailxml_mm:MailXMLDashboardHeaderInfo"/>
</xs:complexType>
</xs:element>

<!--=== Abstract Postage Statement Data Type      ===-->
<!--=== v9.0 dk JDA_01, CR 09                      ===-->
<xs:complexType name="abstractPostageStatementDataType"
abstract="true">
    <xs:sequence>
        <xs:element name="AgencyCostCode"
type="mailxml_base:agencyCostCodeType" minOccurs="0"/>
        <xs:element name="DeliveryStatisticsFileDate"
type="xs:date" minOccurs="0"/>
        <xs:element name="AutomationAddressMatchDate"
type="xs:date" minOccurs="0"/>
        <xs:element name="CustomerReferenceID"
type="mailxml_base:s40" minOccurs="0"/>
        <xs:element name="UserPostageStatementID"
type="mailxml_base:s10" minOccurs="0"/>
        <xs:element name="CarrierRouteAddressMatchDate"
type="xs:date" minOccurs="0"/>
        <xs:element name="CarrierRouteSequencingDate"
type="xs:date" minOccurs="0"/>
        <xs:element name="CertificationData"
type="mailxml_defs:certificationDataType" />
        <xs:element name="ContainerCount"
type="mailxml_defs:containerCountType" />
        <xs:element name="EnclosedBy"
type="mailxml_base:enclosedByType" minOccurs="0"/>
        <xs:element name="DalPieces"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:element name="EstimateIndicator"
type="mailxml_base:yesNo"/>
        <xs:element name="ExtendedForm"
type="mailxml_base:yesNo" />
        <xs:element name="FormType"
type="mailxml_base:formType" />
        <xs:element
ref="mailxml_defs:LineItemSummaryData" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element
ref="mailxml_mm:PostageStatementLineItemData" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element name="PostageStatementMailingDate"
type="xs:date" />
        <xs:element name="PackagingMethod"
type="mailxml_base:packagingMethodType" minOccurs="0"/>
        <xs:element name="PostageAffixedAmount"
type="xs:double" minOccurs="0"/>
    
```

```

        <xs:element name="PostagePaymentMethod"
type="mailxml_base:postagePaymentMethodType" />
        <xs:element name="ProcessingCategory"
type="mailxml_base:processingCategoryType" minOccurs="1"/>
        <xs:element name="RateType"
type="mailxml_base:rateType" minOccurs="1"/>
        <xs:element name="RegisterOfMailing"
type="mailxml_base:yesNo"/>
        <xs:element name="SackingBasis"
type="mailxml_base:sackingBasisType" minOccurs="0"/>
        <xs:element name="SinglePieceWeight"
type="xs:double" minOccurs="0"/>
        <xs:element ref="mailxml_defs:ExtraServiceData"
minOccurs="0" maxOccurs="unbounded"/>
        <xs:element
ref="mailxml_defs:ExtraServiceSummaryData" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element name="StatementSequenceNumber"
type="mailxml_base:s20" minOccurs="0"/>
        <xs:element name="RepositionableNotesIndicator"
type="mailxml_base:yesNo" />
        <xs:element
ref="mailxml_defs:DocumentVersionData" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element name="MeteredAffixedMethod"
type="mailxml_base:meteredAffixedMethodType" minOccurs="0"/>
        <xs:element name="CombinedMailingID"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:element name="SinglePieceDimensionalWeight"
type="xs:double" minOccurs="0"/>
        <xs:element name="EnclosingVolumeNo"
type="mailxml_base:s05" minOccurs="0"/>
        <xs:element name="EnclosingIssueNo"
type="mailxml_base:s06" minOccurs="0"/>
        <xs:element name="EnclosingIssueDate"
type="xs:date" minOccurs="0"/>
        <xs:element name="PriceType"
type="mailxml_base:priceType" minOccurs="0"/>
        <xs:element name="MoveUpdateMethod"
type="mailxml_base:moveUpdateMethodType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--== Postage Statement Data Type ==-->
<!--== V9.0 dk CR005/CR 513 added placeholder ContentType ==-->
>
    <xs:complexType name="postageStatementDataType">
        <xs:complexContent>
            <xs:extension
base="mailxml_mm:abstractPostageStatementDataType">
                <xs:sequence>
                    <xs:element name="StatementID"
type="xs:nonNegativeInteger" minOccurs="0"/>
                    <xs:element name="ConfirmationNumber"
type="xs:nonNegativeInteger"/>

```

```

        <xs:element name="MailClass"
type="mailxml_base:mailClassType" minOccurs="0"/>
        <xs:element name="ContentOfMailType"
type="mailxml_base:contentOfMailType" minOccurs="0"/>
        <xs:element name="Origin" type="xs:string"
minOccurs="0"/>
        <xs:element name="SpecialFeesAmount"
type="xs:double" minOccurs="0"/>
        <xs:element name="PostateStatementStatus"
type="mailxml_base:postageStatementStatusType" minOccurs="0"/>
        <xs:element name="TotalPieces"
type="xs:nonNegativeInteger"/>
        <xs:element name="TotalPostageAmount"
type="xs:double"/>
        <xs:element name="TotalPostageAmountDue"
type="xs:double"/>
        <xs:element name="TotalWeight"
type="xs:double"/>
        <xs:element name="PermitHolderData"
type="mailxml_defs:mailerDataType" />
        <xs:element name="MailingOwnerData"
type="mailxml_defs:mailerDataType" minOccurs="0"/>
        <xs:element name="MailingAgentData"
type="mailxml_defs:mailerDataType" minOccurs="0"/>
        <xs:element name="PermitHolderForAPData"
type="mailxml_defs:mailerDataType" minOccurs="0"/>
    </xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

<!--== Create Postage Statement Type ==-->
<xs:complexType name="createPostageStatementType">
    <xs:complexContent>
        <xs:extension
base="mailxml_mm:abstractPostageStatementDataType">
            <xs:sequence>
                <xs:element name="PermitHolderData"
type="mailxml_defs:mailerDataRequestType" />
                <xs:element name="MailingOwnerData"
type="mailxml_defs:mailerDataRequestType" minOccurs="0"/>
                <xs:element name="MailingAgentData"
type="mailxml_defs:mailerDataRequestType" minOccurs="0"/>
                <xs:element name="PermitHolderForAPData"
type="mailxml_defs:mailerDataRequestType" minOccurs="0"/>
                <xs:element name="ContainerPostage"
minOccurs="0" maxOccurs="unbounded">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="ContainerID"
type="mailxml_base:s06"/>
                            <xs:element name="Pieces"
type="xs:nonNegativeInteger" />
                            <xs:element name="Copies"
type="xs:nonNegativeInteger" />

```

```

        </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

<!--== Postage Statement Summary Type ==-->
<xs:complexType name="postageStatementSummaryType">
    <xs:sequence>
        <xs:element name="StatementID"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:element name="UserPostageStatementID"
type="mailxml_base:s10" minOccurs="0"/>
        <xs:element
name="UserPostageStatementSequenceID" type="mailxml_base:ns10"
minOccurs="0"/>
        <xs:element
name="USPSPostageStatementSequenceID" type="mailxml_base:ns10"
minOccurs="0"/>
        <xs:element name="PostageStatementStatus"
type="mailxml_base:postageStatementStatusType" />
    </xs:sequence>
</xs:complexType>

<!--== Qualification Report Messages ==-->
<!-- -->
<!-- ===== -->

<!--== Qualification Report Create Request ==-->
<xs:element name="QualificationReportCreateRequest">
    <xs:annotation>
        <xs:documentation>Request by a USPS customer for USPS
to create a Qualification Report that is used to submit standardized
documentation compliant with the DMM 708.1.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="OnePassPlannedOrActualFlag"
type="mailxml_base:onePassPlannedOrActualFlagType" minOccurs="0"/>
            <xs:element name="QualificationReport"
type="mailxml_mm:qualificationReportDataType" />
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_mm:MailXMLQualReportRequestHeaderInfo"/>
    </xs:complexType>
</xs:element>

```

```

<!--=== Qualification Report Create Response ===-->
<xs:element name="QualificationReportCreateResponse">
  <xs:annotation>
    <xs:documentation>Response from USPS to a customer
request to create a Qualification Report.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
      <xs:choice>
        <xs:element name="QualificationReportCreateAccept">
          <xs:annotation>
            <xs:documentation>Response from USPS
indicating that a
Qualification Report was
created.</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="CustomerQualificationReportID"
type="mailxml_base:s66" minOccurs="0"/>
              <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_mm:MailXMLQualReportResponseHeaderInfo"/>
          </xs:complexType>
        </xs:element>

        <xs:element name="QualificationReportCreateReject">
          <xs:annotation>
            <xs:documentation>Response from USPS
indicating that a
Qualification Report could not be created
and why.</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_mm:MailXMLQualReportResponseHeaderInfo"/>
          </xs:complexType>
        </xs:element>
      </xs:choice>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<!--=== Qual Report Query Request===-->
<xs:element name="QualificationReportQueryRequest">
  <xs:annotation>
    <xs:documentation>A request from a USPS customer for
Qualification Report Data.</xs:documentation>

```

```

        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:element name="MailingFacility"
type="mailxml_base:CRIDType"/>
                <xs:element name="PostageStatementStatus"
type="mailxml_base:postageStatementStatusType" minOccurs="0"/>
                <xs:element name="QualificationReportClass"
type="mailxml_base:qualificationReportClassType" minOccurs="0"/>
                <xs:element name="CustomerQualificationReportID"
type="mailxml_base:s66" minOccurs="0"/>
                <xs:element name="BeginDate" type="xs:dateTime"
minOccurs="0"/>
                <xs:element name="EndDate" type="xs:dateTime"
minOccurs="0"/>
                <xs:element name="Preparer"
type="mailxml_defs:permitPublicationDataType" minOccurs="0"/>
                <xs:element name="PermitHolder"
type="mailxml_defs:permitPublicationDataType" minOccurs="0"/>
                <xs:element name="IssueBeginDate" type="xs:dateTime"
minOccurs="0"/>
                <xs:element name="IssueEndDate" type="xs:dateTime"
minOccurs="0"/>
                <xs:element name="IssueNumber"
type="mailxml_base:s06" minOccurs="0"/>
                <xs:element name="VolumeNumber"
type="mailxml_base:s05" minOccurs="0"/>
                <xs:element name="DestinationFacilityZip"
type="mailxml_base:s09"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_defs:MailXMLMessageHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--== Qualification Report Query Response ==-->
    <xs:element name="QualificationReportQueryResponse">
        <xs:annotation>
            <xs:documentation>A response from USPS to the request
for Qualification Report data.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="QueryResults">
                        <xs:annotation>
                            <xs:documentation>USPS provided
Qualification Report data</xs:documentation>
                        </xs:annotation>
                        <xs:complexType>

```

```

        <xs:sequence>
            <xs:element name="QualificationReport"
type="mailxml_mm:qualificationReportDataType" />
            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
    <xs:element ref="mailxml_defs:QueryError"/>
</xs:choice>
</xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:MailXMLMessageHeaderInfo"/>
</xs:complexType>
</xs:element>

<!--=== Qualification Report Data Type ===-->
<xs:complexType name="qualificationReportDataType">
    <xs:sequence>
        <xs:element name="DMMSection" type="mailxml_base:s12"
minOccurs="0"/>
        <xs:element name="BatchManifestIndicator"
type="mailxml_base:yesNo" />
        <xs:element ref="mailxml_defs:ContainerInfoData"
minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="CustomerQualificationReportID"
type="mailxml_base:s66" minOccurs="0"/>
        <xs:element name="FormType"
type="mailxml_base:formType" />
        <xs:element name="PreparedDate" type="xs:dateTime" />
        <xs:element name="QualificationReportPreparer"
type="mailxml_defs:qualificationPreparerDataType" />
        <xs:element name="PresortSWCompany"
type="mailxml_base:s50" minOccurs="0"/>
        <xs:element name="PresortSWProduct"
type="mailxml_base:s50" minOccurs="0"/>
        <xs:element name="PresortSWVersion"
type="mailxml_base:s20" minOccurs="0"/>
        <xs:element
ref="mailxml_defs:DocumentVersionDataWithPermit"
maxOccurs="unbounded"/>
        <xs:element name="LogicalPhysicalBundleIndicator"
type="mailxml_base:logicalPhysicalBundleIndicatorType" minOccurs="0"/>
        <xs:element name="SoftwareVendorZAPOption"
type="mailxml_base:s01" minOccurs="0"/>
        <xs:element name="ZoneMatrixDate" type="xs:date"
minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--=== Reconciliation Report Messages ===-->
<!-- -->
<!-- ===== -->

```

```

    <!--=== Reconciliation Report Query Request===-->
    <xs:element name="ReconciliationReportQueryRequest">
        <xs:annotation>
            <xs:documentation>Query request for a reconciliation
report.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:element name="QualificationReportClass"
type="mailxml_base:qualificationReportClassType" minOccurs="0"/>
                <xs:element name="BeginDate" type="xs:dateTime"
minOccurs="0"/>
                <xs:element name="EndDate" type="xs:dateTime"
minOccurs="0"/>
                <xs:element name="Preparer"
type="mailxml_defs:permitPublicationDataType" minOccurs="0"/>
                <xs:element name="PermitHolder"
type="mailxml_defs:permitPublicationDataType" minOccurs="0"/>
                <xs:element name="IssueBeginDate" type="xs:dateTime"
minOccurs="0"/>
                <xs:element name="IssueEndDate" type="xs:dateTime"
minOccurs="0"/>
                <xs:element name="IssueNumber"
type="mailxml_base:s06" minOccurs="0"/>
                <xs:element name="VolumeNumber"
type="mailxml_base:s05" minOccurs="0"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_mm:MailXMLDashboardHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--=== Mailing Group Summary ===-->
    <xs:element name="MailingGroupSummary">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="MailerJobID"
type="mailxml_base:s12"/>
                <xs:element name="BeginDate"
type="xs:dateTime"/>
                <xs:element name="EndDate" type="xs:dateTime"/>
                <xs:element name="OpenDate"
type="xs:dateTime"/>
                <xs:element name="CloseDate"
type="xs:dateTime"/>
                <xs:element name="PreparerName"
type="xs:string"/>
                <xs:element name="PreparerCRID"
type="mailxml_base:CRIDType"/>
                <xs:element name="Origin" type="xs:string"/>
                <xs:element name="Description"
type="xs:string"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

        </xs:complexType>
    </xs:element>

    <!--== Qualification Summary Report ==-->
    <xs:element name="QualificationSummaryReport" >
        <xs:complexType>
            <xs:sequence>
                <xs:element name="RateCategory"
type="mailxml_base:rateCategoryType" />
                <xs:element name="Pieces"
type="xs:nonNegativeInteger" />
                <xs:element name="ClosedPieces"
type="xs:nonNegativeInteger" />
                <xs:element name="FormType"
type="mailxml_base:formType" />
                <xs:element name="TotalPieces"
type="xs:nonNegativeInteger" />
                <xs:element name="TotalClosedPieces"
type="xs:nonNegativeInteger" />
                <xs:element name="PostageStatements">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="Line"
type="mailxml_base:s02" />
                            <xs:element
name="USPSProcessingDue">
                                <xs:complexType>
                                    <xs:sequence>
                                        <xs:element
name="Pieces" type="xs:nonNegativeInteger" />
                                        <xs:element
name="Postage" type="xs:double" />
                                        <xs:element
name="TotalPieces" type="xs:nonNegativeInteger" />
                                        <xs:element
name="TotalPostage" type="xs:double" />
                                    </xs:sequence>
                                </xs:complexType>
                            </xs:element>
                        <xs:element name="Finalized">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element
name="Pieces" type="xs:nonNegativeInteger" />
                                    <xs:element
name="Postage" type="xs:double" />
                                    <xs:element
name="TotalPieces" type="xs:nonNegativeInteger" />
                                    <xs:element
name="TotalPostage" type="xs:double" />
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--== Reconciliation Report ==-->
<xs:element name="ReconciliationReport">
    <xs:annotation>
        <xs:documentation></xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="QualificationReports">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element
name="OriginalPieces" type="xs:nonNegativeInteger"/>
                        <xs:element
name="ActualPieces" type="xs:nonNegativeInteger"/>
                        <xs:element name="Postage"
type="xs:double"/>
                        <xs:element
name="ClosedContainers">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element
name="OriginalPieces" type="xs:nonNegativeInteger"/>
                                    <xs:element
name="ActualPieces" type="xs:nonNegativeInteger"/>
                                    <xs:element name="Postage"
type="xs:double"/>
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                        <xs:element name="PostageStatementsCanceled">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element
name="OriginalPieces" type="xs:nonNegativeInteger"/>
                                    <xs:element
name="ActualPieces" type="xs:nonNegativeInteger"/>
                                    <xs:element name="Postage"
type="xs:double"/>
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                        <xs:element
name="PostageStatementsUSPSProcessingDue">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element
name="OriginalPieces" type="xs:nonNegativeInteger"/>
                                    <xs:element
name="ActualPieces" type="xs:nonNegativeInteger"/>
                                    <xs:element name="Postage"
type="xs:double"/>
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

        </xs:element>
        <xs:element name="PostageStatementsReworked">
            <xs:complexType>
                <xs:sequence>
                    <xs:element
name="OriginalPieces" type="xs:nonNegativeInteger"/>
                    <xs:element
name="ActualPieces" type="xs:nonNegativeInteger"/>
                    <xs:element name="Postage"
type="xs:double"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="PostageStatementsFinalized">
            <xs:complexType>
                <xs:sequence>
                    <xs:element
name="OriginalPieces" type="xs:nonNegativeInteger"/>
                    <xs:element
name="ActualPieces" type="xs:nonNegativeInteger"/>
                    <xs:element name="Postage"
type="xs:double"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="PostageStatementsReversed">
            <xs:complexType>
                <xs:sequence>
                    <xs:element
name="OriginalPieces" type="xs:nonNegativeInteger"/>
                    <xs:element
name="ActualPieces" type="xs:nonNegativeInteger"/>
                    <xs:element name="Postage"
type="xs:double"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element
name="PostageStatementsNotAvailable">
            <xs:complexType>
                <xs:sequence>
                    <xs:element
name="OriginalPieces" type="xs:nonNegativeInteger"/>
                    <xs:element
name="ActualPieces" type="xs:nonNegativeInteger"/>
                    <xs:element name="Postage"
type="xs:double"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="TotalPieces"
type="xs:nonNegativeInteger"/>
        <xs:element name="TotalActualPieces"
type="xs:nonNegativeInteger"/>
        <xs:element name="TotalPostage"
type="xs:double"/>
    </xs:sequence>

```

```

        </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--=== Reconciliation Report Query Response===-->
<xs:element name="ReconciliationReportQueryResponse">
    <xs:annotation>
        <xs:documentation>Response to the query for a
reconciliation report.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="QueryResults">
                    <xs:complexType>
                        <xs:sequence
maxOccurs="unbounded">
                            <xs:element
ref="mailxml_mm:MailingGroupSummary"/>
                            <xs:element
ref="mailxml_mm:QualificationSummaryReport" minOccurs="0"
maxOccurs="unbounded"/>
                            <xs:element
ref="mailxml_mm:ReconciliationReport" minOccurs="0"
maxOccurs="unbounded"/>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element ref="mailxml_defs:QueryError"/>
            </xs:choice>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_mm:MailXMLDashboardHeaderInfo"/>
    </xs:complexType>
</xs:element>

<!--=== Summary Zip Destination Messages===-->
<!-- -->
<!-- ===== -->

<!--=== SummaryZipDestinationReportCreate Request ===-->
<!--=== v9.0 DK cr 10 ===-->
<xs:element name="SummaryZipDestinationReportCreateRequest">
    <xs:annotation>
        <xs:documentation>Request to create a Customer Mail
Report.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>

```

```

        <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
        <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
        <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
        <xs:element name="OnePassPlannedOrActual"
type="mailxml_base:yesNo" minOccurs="0"/>
        <xs:element name="OnePassOrTwoPass"
type="mailxml_base:onePassOrTwoPassType" minOccurs="0"/>
        <xs:sequence maxOccurs="unbounded">
            <xs:element name="EntryPointZip"
type="mailxml_base:zipCodeThreeOrFiveDigit"/>
            <xs:element name="EntryFacilityType"
type="mailxml_base:entryFacilityType" minOccurs="0"/>
            <xs:element
name="SummaryZipDestinationReport"
type="mailxml_mm:summaryZipDestinationReportType" minOccurs="1"
maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--== SummaryZipDestinationReportCreate Response ==-->
<xs:element name="SummaryZipDestinationReportCreateResponse">
    <xs:annotation>
        <xs:documentation>
            Response to the Request to create a
SummaryZipDestinationReportCreate
        </xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element
name="SummaryZipDestinationReportCreateAccept">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element
name="SummaryZipDestinationReportCreateReject">
                    <xs:annotation>

```

```

        <xs:documentation></xs:documentation>
        </xs:annotation>
        <xs:complexType>
        <xs:sequence>
            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
        </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--=== SummaryZipDestinationReport Type ===-->
<!--=== V9.0 DK CR 10 ===-->
<xs:complexType name="summaryZipDestinationReportType">
    <xs:sequence>
        <xs:element name="DestinationZip"
type="mailxml_base:zipCodeThreeOrFiveDigit"/>
        <xs:element name="ProcessingCategory"
type="mailxml_base:processingCategoryType" minOccurs="0"/>
        <xs:element name="PostagePaymentMethod"
type="mailxml_base:postagePaymentMethodType"/>
        <xs:element name="MLOCRRateType"
type="mailxml_base:mlocrRateType"/>
        <xs:element name="Weight" type="xs:double"
minOccurs="0"/>
        <xs:element name="RateAffixed" type="xs:double"
minOccurs="0"/>
        <xs:element name="NumberOfPieces"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:element name="NumberOfPiecesDifference"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:element name="PostageAffixed" type="xs:double"
minOccurs="0"/>
        <xs:element name="CumulativePostageAffixed"
type="xs:double" minOccurs="0"/>
        <xs:element name="TotalPostage" type="xs:double"
minOccurs="0"/>
        <xs:element name="NetPostageDue" type="xs:double"
minOccurs="0"/>
        <xs:element name="CumulativePostageDue"
type="xs:double" minOccurs="0"/>
        <xs:element name="RunningTotalPieces"
type="xs:nonNegativeInteger" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
</xs:schema>

```

3 mailxml_dd.xsd (Data Distribution)

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:mailxml_defs="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/mailxml_defs"
xmlns:mailxml_base="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/base"
xmlns:mailxml_dd="http://idealliance.org/maildat/Specs/md091/mailxml9.0
/mailxml_dd"
targetNamespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/
mailxml_dd"
elementFormDefault="qualified" attributeFormDefault="qualified"
version="mailxml9.060710">
```

```
<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/base"
schemaLocation="mailxml_base_9DRAFT.xsd"/>
<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxm
l_defs" schemaLocation="mailxml_defs_9DRAFT.xsd"/>
```

```
<!--Copyright 2000-2010 International Digital Enterprise Alliance,
Inc. (IDEAlliance). All rights reserved by the Copyright
wner under the laws of the United States. For support, more
information, or to report implementation bugs, please contact
IDEAlliance at
www.idealliance.org.-->
```

```
<xs:annotation>
<xs:documentation>
This module contains the Data Distribution messages of MailXML. It
contains elements and
complexTypes that are used exclusively by the Data Distribution
messages.
```

Common attributes, elements and complexTypes are included from the
commonDefs module.
Common simpleTypes are included from the base module.

```
+++++++
MailXML 8.1 changes are included here: IB_02 thru IB_10: accommodate
the request from PostalOne to enable USPS to support the
industry need for ACS data without requiring job id info
+++++++
```

```
MailXML 9.0
IB 21: Add TrackingID to all Responses
SA 01: Update ByFor model
IB 01: Fix typo DataRange = DateRange
IB 27: Fix ByForNotification by deleting the ByFor content
IB 28: Make IDs on FullServiceStartTheClockNotification Optional
IB 20: Add Fee Notification Types
IB 11: Add FullServiceAvailabilityDate to full Service Address
Correction
IB 12: Add FullServiceAvailabilityDate to full Service Nixie detail
```

IB 13: Add FullServiceAvailabilityDate to Clock Started
 IB 14: ADD " to ContainerVisitivity Entry
 IB 15: Add " to ByForConflictType
 IB 16: Add " to fsdqrContainerinfoType
 IB 10: Add " to Notifications
 IB 17: ADD large transaction headers to Query Responses
 IB 22, 23, 24, 25, 26: FullService JobDetail

```

</xs:documentation>
</xs:annotation>

```

```

<!--====      Data Distribution  Messages  =====>
<!--              -->
<!--              =====              -->

<!--====      By For Conflict Messages  =====>
<!--              -->
<!--              =====              -->

<!--==== By For Conflict Delivery      =====>
<!--==== V9.0 DK IB 26      =====>
<xs:element name="ByForConflictDelivery">
  <xs:annotation>
    <xs:documentation>Delivery of by / for conflict
information from USPS.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
      <xs:element ref="mailxml_defs:DataRecipient"
minOccurs="0"/>
      <xs:element name="PushMessageID"
type="mailxml_base:s25" minOccurs="0" />
      <xs:element name="ByForConflict"
type="mailxml_dd:byForConflictType" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupOptionalType"/>
  </xs:complexType>
</xs:element>

<!--==== By For Conflict Notification      =====>
<!--==== v9.0 DK SA 01, IB 27      =====>
<xs:element name="ByForConflictNotification">
  <xs:annotation>

```

```

        <xs:documentation>Notification from USPS that a by /
for conflict resolution is ready for pickup.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:choice minOccurs="0">
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:choice>
            <xs:element name="FullServiceAvailabilityDate"
type="xs:date"/>
            <xs:element name="NotificationDate"
type="xs:date"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--== By For Conflict Query Request==-->
<xs:element name="ByForConflictQueryRequest">
    <xs:annotation>
        <xs:documentation>Query request for by(preparer) /
for(owner) conflicts information in edocs.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:choice>
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

        </xs:choice>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

  <!--=== By For Conflict Query Response      ===-->
  <!--=== V9.0 DK IB 26                      ===-->
  <xs:element name="ByForConflictQueryResponse">
    <xs:annotation>
      <xs:documentation>Response to the query by(preparer)
/ for(owner) conflicts information in edocs.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:choice>
          <xs:element name="QueryResults">
            <xs:complexType>
              <xs:sequence>
                <xs:element
ref="mailxml_defs:LargeTransactionDividerResult" minOccurs="0"/>
                <xs:element name="ByForConflict"
type="mailxml_dd:byForConflictType" minOccurs="0" maxOccurs="unbounded"
/>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element ref="mailxml_defs:QueryError"/>
        </xs:choice>
      </xs:sequence>
      <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupType"/>
    </xs:complexType>
  </xs:element>

  <!--=== By For Conflict Type New v9.0 SA 01, IB15, IB 26      ===--
>
  <xs:complexType name="byForConflictType">
    <xs:sequence>
      <xs:choice minOccurs="0">
        <xs:sequence>
          <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
          <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
        </xs:sequence>
        <xs:sequence>
          <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
          <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
        </xs:sequence>
      </xs:choice>
      <xs:element name="MailOwnerConflict" minOccurs="0"
maxOccurs="unbounded">
        <xs:complexType>

```

```

        <xs:sequence>
            <xs:choice>
                <xs:element name="MailOwnerCRID"
type="mailxml_base:CRIDType"/>
                <xs:element name="MailOwnerMailerID6"
type="mailxml_base:mailerID6Type"/>
                <xs:element name="MailOwnerMailerID9"
type="mailxml_base:mailerID9Type"/>
                <xs:element name="PermitInfo"
type="mailxml_defs:permitPublicationDataType"/>
            </xs:choice>
            <xs:element name="MailOwnerConflictError"
minOccurs="1" maxOccurs="unbounded">
                <xs:complexType>
                    <xs:sequence>
                        <xs:choice minOccurs="2"
maxOccurs="2">
                            <xs:element
name="MailOwnerCRID" type="mailxml_base:CRIDType"/>
                            <xs:element
name="MailOwnerMailerID6" type="mailxml_base:mailerID6Type"/>
                            <xs:element
name="MailOwnerMailerID9" type="mailxml_base:mailerID9Type"/>
                            <xs:element name="PermitInfo"
type="mailxml_defs:permitPublicationDataType"/>
                        </xs:choice>
                        <xs:element
name="ConflictReasonCode" type="mailxml_base:s02"/>
                        <xs:element
name="ConflictReasonDescription" type="mailxml_base:s50"/>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
    <xs:element name="MailPreparerConflict" minOccurs="0"
maxOccurs="1">
        <xs:complexType>
            <xs:sequence>
                <xs:choice>
                    <xs:element name="MailPreparerCRID"
type="mailxml_base:CRIDType"/>
                    <xs:element name="MailPreparerMailerID6"
type="mailxml_base:mailerID6Type"/>
                    <xs:element name="MailPreparerMailerID9"
type="mailxml_base:mailerID9Type"/>
                    <xs:element name="PermitInfo"
type="mailxml_defs:permitPublicationDataType"/>
                </xs:choice>
                <xs:element name="MailPreparerConflictError"
minOccurs="1" maxOccurs="unbounded">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:choice minOccurs="2" maxOccurs="2">
                                <xs:element name="MailPreparerCRID"
type="mailxml_base:CRIDType"/>

```

```

        <xs:element name="MailPreparerMailerID6"
type="mailxml_base:mailerID6Type"/>
        <xs:element name="MailPreparerMailerID9"
type="mailxml_base:mailerID9Type"/>
        <xs:element name="PermitInfo"
type="mailxml_defs:permitPublicationDataType"/>
    </xs:choice>
    <xs:element name="ConflictReasonCode"
type="mailxml_base:s02"/>
    <xs:element name="ConflictReasonDescription"
type="mailxml_base:s50"/>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    <xs:element name="FullServiceAvailabilityDate"
type="xs:date" minOccurs="0"/>
    <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

<!--=== By for Conflict Type OLD ===-->
<xs:complexType name="byForConflictType_old">
    <xs:sequence>
        <xs:choice maxOccurs="2">
            <xs:element name="MailOwnerConflict">
                <xs:complexType>
                    <xs:sequence>
                        <xs:choice>
                            <xs:element
name="MailOwnerCRID" type="mailxml_base:CRIDType"/>
                            <xs:element
name="MailOwnerMailerID6" type="mailxml_base:mailerID6Type"/>
                            <xs:element
name="MailOwnerMailerID9" type="mailxml_base:mailerID9Type"/>
                            <xs:element name="PermitInfo"
type="mailxml_defs:permitPublicationDataType"/>
                        </xs:choice>
                        <xs:element
name="ConflictReasonCode" type="mailxml_base:s02"/>
                        <xs:element
name="ConflictReasonDescription" type="mailxml_base:s50"/>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="MailPreparerConflict">
                <xs:complexType>
                    <xs:sequence>
                        <xs:choice>
                            <xs:element
name="MailPreparerCRID" type="mailxml_base:CRIDType"/>
                            <xs:element
name="MailPreparerMailerID6" type="mailxml_base:mailerID6Type"/>

```

```

                                <xs:element
name="MailPreparerMailerID9" type="mailxml_base:mailerID9Type"/>
                                </xs:choice>
                                <xs:element
name="ConflictReasonCode" type="mailxml_base:s02"/>
                                <xs:element
name="ConflictReasonDescription" type="mailxml_base:s50"/>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                </xs:choice>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                                </xs:sequence>
                                </xs:complexType>

<!--====      Delivery Point Validation Messages      =====>
<!--      -->
<!--      =====      -->

<!--====      Delivery Point Validation      =====>
<xs:element name="DeliveryPointValidation">
    <xs:annotation>
        <xs:documentation></xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:choice>
                <xs:element name="OriginalMailerID6"
type="mailxml_base:mailerID6Type"/>
                <xs:element name="OriginalMailerID9"
type="mailxml_base:mailerID9Type"/>
            </xs:choice>
            <xs:choice>
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:choice>
            <xs:element name="InvalidDeliveryPointIMB"
type="mailxml_base:iMBType"/>
            <xs:element name="PrimarySecondaryIndicator"
type="mailxml_base:primarySecondaryIndicatorType"/>
            <xs:element name="DPVDataRecipientCRID"
type="mailxml_base:CRIDType"/>

```

```

        <xs:element
name="FullServiceComplianceIndicator"
type="mailxml_base:fullServiceComplianceIndicatorType"/>
        <xs:element
name="FullServiceNonComplianceReasonCode"
type="mailxml_base:reasonCodeType"/>
        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--===      Delivery Point Validation Delivery      ===-->
<xs:element name="DeliveryPointValidationDelivery">
    <xs:annotation>
        <xs:documentation>Delivery of Delivery Point
Validation by USPS.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element ref="mailxml_defs:DataRecipient"
minOccurs="0"/>
            <xs:choice>
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:choice>
            <xs:element name="PushMessageID"
type="mailxml_base:s25" minOccurs="0" />
            <xs:element
ref="mailxml_dd:DeliveryPointValidation" maxOccurs="unbounded"
minOccurs="0"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupOptionalType"/>
    </xs:complexType>
</xs:element>

<!--===      Delivery Point Validation Notification      ===-->
>
    <xs:element name="DeliveryPointValidationNotification">
        <xs:annotation>

```

```

        <xs:documentation>Notification by UPSP that Delivery
Point Validation is ready for pickup.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="CRID"
type="mailxml_base:CRIDType" minOccurs="0"/>
            <xs:choice>
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:choice>
            <xs:element name="FullServiceAvailabilityDate"
type="xs:date"/>
            <xs:element name="NotificationDate"
type="xs:date"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--===      Delivery Point Validation Query Request      ===-->
<xs:element name="DeliveryPointValidationQueryRequest">
    <xs:annotation>
        <xs:documentation>Query request for USPS for delivery
point validation.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="RequestorCRID"
type="mailxml_base:CRIDType" minOccurs="0"/>
            <xs:choice>
                <xs:element name="OriginalMailerID6"
type="mailxml_base:mailerID6Type"/>
                <xs:element name="OriginalMailerID9"
type="mailxml_base:mailerID9Type"/>
            </xs:choice>
            <xs:choice>
                <xs:sequence>

```

```

                                <xs:element
name="UserLicenseCode" type="mailxml_base:userLicenseCodeType"/>
                                <xs:element
name="MaildatJobID" type="mailxml_base:jobIDType"/>
                                </xs:sequence>
                                <xs:sequence>
                                <xs:element
name="CustomerGroupID" type="mailxml_base:s25"/>
                                <xs:element
name="MailingGroupID" type="xs:nonNegativeInteger"/>
                                </xs:sequence>
                                </xs:choice>
                                <xs:element name="DateRange">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element
name="LowerDateRange" type="xs:date"/>
                                <xs:element
name="UpperDateRange" type="xs:date"/>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>

                                <!--===      Delivery Point Validation Query Response      ===-->
                                <xs:element name="DeliveryPointValidationQueryResponse">
                                <xs:annotation>
                                <xs:documentation>Response to the Query request for
USPS for delivery point validation.</xs:documentation>
                                </xs:annotation>
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                                <xs:choice>
                                <xs:element name="QueryResults">
                                <xs:annotation>

                                <xs:documentation></xs:documentation>
                                </xs:annotation>
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element
ref="mailxml_dd:DeliveryPointValidation" maxOccurs="unbounded"
minOccurs="0" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element ref="mailxml_defs:QueryError"/>

                                </xs:choice>
                                </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupType"/>
                                </xs:complexType>

```

```

</xs:element>

<!--====      Full Service Address Correction Messages      =====>
<!--                                -->
<!--                                =====                                -->

<!--==== Full Service Address Correction =====>
<!--==== V9.0 dk IB 11, 22 =====>
<xs:element name="FullServiceAddressCorrection">
  <xs:complexType>
    <xs:sequence>
      <xs:choice minOccurs="0">
        <xs:sequence>
          <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
          <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
        </xs:sequence>
        <xs:sequence>
          <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
          <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
        </xs:sequence>
      </xs:choice>
      <xs:choice minOccurs="0">
        <xs:element
name="OriginalMailerID6" type="mailxml_base:mailerID6Type"/>
        <xs:element
name="OriginalMailerID9" type="mailxml_base:mailerID9Type"/>
      </xs:choice>
      <xs:element name="OriginalIMB"
type="mailxml_base:imBType" minOccurs="0"/>
      <xs:element name="RecordCreationDate"
type="xs:date" minOccurs="0"/>
      <xs:element name="MoveEffectiveDate"
type="xs:date" minOccurs="0"/>
      <xs:element name="MoveType"
type="mailxml_base:addressCorrectionMoveType" minOccurs="0" />
      <xs:element name="DeliverabilityCodeType"
type="mailxml_base:deliverabilityCodeType" minOccurs="0" />
      <xs:element
name="FullServiceComplianceIndicator"
type="mailxml_base:fullServiceComplianceIndicatorType" minOccurs="0"/>
      <xs:element
name="FullServiceNonComplianceReasonCode"
type="mailxml_base:reasonCodeType" minOccurs="0"/>
      <xs:element name="COAName" minOccurs="0">
        <xs:complexType>
          <xs:choice>
            <xs:sequence>
              <xs:element
name="BusinessName" type="mailxml_base:s50"/>
            </xs:sequence>
          </xs:choice>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

```

                                <xs:element
name="LastName" type="mailxml_base:s50"/>
                                <xs:element
name="FirstNameMiddleName" type="mailxml_base:s15"/>
                                <xs:element
name="prefix" type="mailxml_base:s15" minOccurs="0"/>
                                <xs:element
name="suffix" type="mailxml_base:s15" minOccurs="0"/>
                                </xs:sequence>
                                </xs:choice>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="KeylineFromEDoc"
type="xs:string" minOccurs="0"/>
                                <xs:element name="OldAddress"
type="mailxml_defs:addressCorrectionAddressType" minOccurs="0"/>
                                <xs:element name="NewAddress"
type="mailxml_defs:newAddressCorrectionAddressType" minOccurs="0"/>
                                <xs:element name="PrivateMailBox"
type="mailxml_base:s37" minOccurs="0"/>
                                <xs:element name="ClassNotificationType"
type="mailxml_base:classNotificationType" minOccurs="0"/>
                                <xs:element name="FeeNotification"
type="mailxml_base:feeNotificationType" minOccurs="0" />
                                <xs:element name="BillReasonCode"
type="mailxml_base:billReasonCodeType" maxOccurs="1" minOccurs="0"/>
                                <xs:element name="FreeChargeFlag"
type="mailxml_base:yesNo" maxOccurs="1" minOccurs="0"/>
                                <xs:element
name="FullServiceAvailabilityDate" type="xs:date" minOccurs="0"/>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>

                                <!--=== Full Service Address Correction Delivery ===-->
                                <!--=== V8.1 DK IB 04, 22 ===-->
                                <xs:element name="FullServiceAddressCorrectionDelivery">
                                    <xs:annotation>
                                        <xs:documentation>Delivery of full service address
correction delivery data from USPS.</xs:documentation>
                                    </xs:annotation>
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType" minOccurs="0"/>
                                            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType" minOccurs="0"/>
                                            <xs:element ref="mailxml_defs:DataRecipient"
minOccurs="0"/>
                                            <xs:element name="PushMessageID"
type="mailxml_base:s25" minOccurs="0" />

```

```

        <xs:element
ref="mailxml_dd:FullServiceAddressCorrection" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupOptionalType"/>
    </xs:complexType>
</xs:element>

<!--== Full Service Address Correction Notification ==-->
<xs:element name="FullServiceAddressCorrectionNotification">
    <xs:annotation>
        <xs:documentation>Notification from UPSP that full
service address correction data is ready to pick up.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType" minOccurs="0"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType" minOccurs="0"/>
            <xs:element name="CRID"
type="mailxml_base:CRIDType" minOccurs="0"/>
            <xs:choice minOccurs="0">
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:choice>
            <xs:element name="FullServiceAvailabilityDate"
type="xs:date"/>
            <xs:element name="NotificationDate"
type="xs:date"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--== Full Service Address Correction Query ==-->
<!--== v8.1 dk IB 02 ==-->
<xs:element name="FullServiceAddressCorrectionQueryRequest">
    <xs:annotation>
        <xs:documentation>Query request for full service
address correction data.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType" minOccurs="0"/>

```

```

        <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType" minOccurs="0"/>
        <xs:element name="OwningParty"
type="mailxml_defs:participantIDType" minOccurs="0"/>
        <xs:element name="PieceRequest"
maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="MailClass"
type="mailxml_base:mailClassType" minOccurs="0"/>
                    <xs:sequence minOccurs="0">
                        <xs:element
name="LowerIMBRange" type="mailxml_base:iMBType"/>
                        <xs:element
name="UpperIMBRange" type="mailxml_base:iMBType"/>
                    </xs:sequence>
                    <xs:choice minOccurs="0">
                        <xs:sequence>
                            <xs:element
name="UserLicenseCode" type="mailxml_base:userLicenseCodeType"/>
                            <xs:element
name="MaildatJobID" type="mailxml_base:jobIDType"/>
                        </xs:sequence>
                        <xs:sequence>
                            <xs:element
name="CustomerGroupID" type="mailxml_base:s25" minOccurs="0"/>
                            <xs:element
name="MailingGroupID" type="xs:nonNegativeInteger"/>
                        </xs:sequence>
                    </xs:choice>
                    <xs:element name="DateRange">
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element
name="LowerDateRange" type="xs:date"/>
                                <xs:element
name="UpperDateRange" type="xs:date"/>
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<!--=== Full Service Address Correction Query Response ===-->
<!--=== V8.1 DK IB 03, IB 17, 22 ===-->
<xs:element name="FullServiceAddressCorrectionQueryResponse">
    <xs:annotation>
        <xs:documentation>Response to the query request for
full service address correction data.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>

```

```

        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:choice>
            <xs:element name="QueryResults">
                <xs:annotation>
                    <xs:documentation></xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element
ref="mailxml_defs:LargeTransactionDividerResult" minOccurs="0"/>
                        <xs:element
ref="mailxml_dd:FullServiceAddressCorrection" minOccurs="0"
maxOccurs="unbounded"/>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element ref="mailxml_defs:QueryError"/>
        </xs:choice>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupType"/>
</xs:complexType>
</xs:element>

<!--==== Full Service Container Visibility Messages =====>
<!-- -->
<!-- ===== -->

<!--==== Full Service Container Visibility Delivery =====>
<!--==== v9.0 dk IB 29, 25 =====>
<xs:element name="FullServiceContainerVisibilityDelivery" >
    <xs:annotation>
        <xs:documentation>Delivery of full service container
visibility information by uSPS.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element ref="mailxml_defs:DataRecipient"
minOccurs="0"/>
            <xs:element name="PushMessageID"
type="mailxml_base:s25" minOccurs="0" />
            <xs:element
ref="mailxml_dd:ContainerVisibilityEntry" minOccurs="1"
maxOccurs="unbounded"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupOptionalType"/>
    </xs:complexType>

```

```

</xs:element>

<!--====Container Visibility Entry ====-->
<!--==== V9.0 dk IB 14, 25      =====>
<xs:element name="ContainerVisibilityEntry">
  <xs:complexType>
    <xs:sequence>
      <xs:choice minOccurs="0">
        <xs:sequence>
          <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
          <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
        </xs:sequence>
        <xs:sequence>
          <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
          <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
        </xs:sequence>
      </xs:choice>
      <xs:choice minOccurs="0">
        <xs:element name="ConsigneeApptID"
type="mailxml_base:s12"/>
        <xs:element name="CSADispatchNumber"
type="mailxml_base:s10"/>
      </xs:choice>
      <xs:element
name="USPSInductionFacilityLocaleKey" type="mailxml_base:localeKeyType"
minOccurs="0"/>
      <xs:element name="USPSInductionFacilityName"
type="mailxml_base:s50" minOccurs="0"/>
      <xs:element
name="IntelligentMailContainerBarcode" type="mailxml_base:IMCBType"
minOccurs="0"/>
      <xs:element name="ContainerScanDateTime"
type="xs:dateTime"/>
      <xs:element name="InductionStatus"
type="mailxml_base:inductionStatusType" minOccurs="0"/>
      <xs:element name="InductionIssueDescription"
type="mailxml_base:s50" minOccurs="0"/>
      <xs:element name="InductionIssueResolution"
type="mailxml_base:s50" minOccurs="0"/>
      <xs:element
name="FullServiceComplianceIndicator"
type="mailxml_base:fullServiceComplianceIndicatorType" minOccurs="0"/>
      <xs:element
name="FullServiceNonComplianceReasonCode"
type="mailxml_base:reasonCodeType" minOccurs="0"/>
      <xs:element
name="FullServiceAvailabilityDate" type="xs:date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

    <!--=== Full Service Container Visibility Notification      ===--
>
    <!--=== v8.0 dk SM 01                                     ===-->
    <xs:element name="FullServiceContainerVisibilityNotification" >
        <xs:annotation>
            <xs:documentation>Notification sent by USPS that full
service container visibility information is ready for
pickup.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:choice>
                    <xs:sequence>
                        <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                        <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                    </xs:sequence>
                    <xs:sequence>
                        <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                        <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                    </xs:sequence>
                </xs:choice>
                <xs:element name="FullServiceAvailabilityDate"
type="xs:date"/>
                <xs:element name="NotificationDate"
type="xs:date"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

    <!--=== Full Service Container Visibility Query Request    ===--
>
    <xs:element name="FullServiceContainerVisibilityQueryRequest">
        <xs:annotation>
            <xs:documentation>Query request for for full service
container visisbility information.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:choice minOccurs="0">
                    <xs:sequence>
                        <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>

```

```

                                <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                                </xs:sequence>
                                <xs:sequence>
                                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                                </xs:sequence>
                                </xs:choice>
                                <xs:choice minOccurs="0">
                                    <xs:element name="ConsigneeApptID"
type="mailxml_base:ns09"/>
                                    <xs:element name="CSADispatchNumber"
type="mailxml_base:s10"/>
                                </xs:choice>
                                <xs:element name="UniqueContainerBarcode"
type="mailxml_base:container24CharacterBarcodeType" minOccurs="0"
maxOccurs="unbounded"/>
                                <xs:element
name="USPSInductionFacilityLocaleKey" type="mailxml_base:localeKeyType"
minOccurs="0"/>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>

<!--=== Full Service Container Visibility Query Response ===-->
<!--=== V9.0 DK IB 17, 25 ===-->

    <xs:element name="FullServiceContainerVisibilityQueryResponse" >
        <xs:annotation>
            <xs:documentation>Response to the Query request for
for full service container visisbility information.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="QueryResults">
                        <xs:annotation>
                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence maxOccurs="unbounded">
                                <xs:element
ref="mailxml_defs:LargeTransactionDividerResult" minOccurs="0"/>
                                <xs:element
ref="mailxml_dd:ContainerVisibilityEntry" minOccurs="0"
maxOccurs="unbounded"/>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                            </xs:sequence>
                        </xs:complexType>
                    
```

```

        </xs:element>
        <xs:element ref="mailxml_defs:QueryError"/>
    </xs:choice>
</xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupType"/>
    </xs:complexType>
</xs:element>

<!--====      Full Service Data Quality Messages      =====>
<!--      -->
<!--      =====      -->

<!--==== FullService Data Quality Verification Report Delivery =====>
<!--====>
<xs:element
name="FullServiceDataQualityVerificationReportDelivery">
    <xs:annotation>
        <xs:documentation>Delivery Message should be similar
to FullServiceDataQualityVerificationQueryResponse, The Query should
mimic the query for COC without the role, transtype and participant, do
need to add the LargeDataTransactionDivider to Delivery and Response
messages</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element ref="mailxml_defs:DataRecipient"
minOccurs="0"/>
            <xs:choice>
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:choice>
            <xs:element name="MailFacilityID"
type="mailxml_base:CRIDType"/>
            <xs:element name="TotalJobContainerCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
            <xs:element name="TotalJobHandlingUnitCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
            <xs:element name="TotalJobPieceCount"
type="xs:nonNegativeInteger" minOccurs="0"/>

```

```

        <xs:element
name="TotalJobContainerHUErrorsCount" type="xs:nonNegativeInteger"
minOccurs="0"/>
        <xs:element name="TotalJobPieceErrorsCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:sequence minOccurs="0"
maxOccurs="unbounded">
            <xs:element name="PreparerCRID"
type="mailxml_base:CRIDType"/>
            <xs:element
name="TotalPreparerContainerCount" type="xs:nonNegativeInteger"/>
            <xs:element
name="TotalPreparerHandlingUnitCount" type="xs:nonNegativeInteger"/>
            <xs:element
name="TotalPreparerPieceCount" type="xs:nonNegativeInteger"/>
            <xs:element
name="TotalPreparerContainerHUErrorsCount"
type="xs:nonNegativeInteger"/>
            <xs:element
name="TotalPreparerPieceErrorsCount" type="xs:nonNegativeInteger"/>
        </xs:sequence>
        <xs:sequence minOccurs="0"
maxOccurs="unbounded">
            <xs:element name="OwnerCRID"
type="mailxml_base:CRIDType"/>
            <xs:element
name="TotalOwnerContainerCount" type="xs:nonNegativeInteger"/>
            <xs:element
name="TotalOwnerHandlingUnitCount" type="xs:nonNegativeInteger"/>
            <xs:element name="TotalOwnerPieceCount"
type="xs:nonNegativeInteger"/>
            <xs:element
name="TotalOwnerContainerHUErrorsCount" type="xs:nonNegativeInteger"/>
            <xs:element
name="TotalOwnerPieceErrorsCount" type="xs:nonNegativeInteger"/>
        </xs:sequence>
        <xs:sequence maxOccurs="unbounded">
            <xs:element name="VerificationReportType"
type="mailxml_base:verificationReportType"/>
            <xs:element
name="FullServiceDataQualityContainerInfo"
type="mailxml_dd:fsdqrContainerInfoType" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupOptionalType"/>
</xs:complexType>
</xs:element>

<!--==== Full Service Data Quality Verification Report Info Type
====-->
<xs:complexType name="fsdqrContainerInfoType">
    <xs:sequence>
        <xs:element name="ContainerID"
type="mailxml_base:s06" minOccurs="0"/>

```

```

        <xs:element name="SiblingRefContainerID"
type="mailxml_base:s06" minOccurs="0"/>
        <xs:element name="ParentContainerID"
type="mailxml_base:s06" minOccurs="0"/>
        <xs:element name="ProcessingCategory"
type="mailxml_base:processingCategoryType" minOccurs="0"/>
        <xs:element name="MailClass"
type="mailxml_base:mailClassType" minOccurs="0"/>
        <xs:element name="USPSInductionFacilityLocaleKey"
type="mailxml_base:localeKeyType" minOccurs="0"/>
        <xs:element name="MailingDate" type="xs:date"
minOccurs="0"/>
        <xs:element name="ContainerType"
type="mailxml_base:mailXMLContainerType" minOccurs="0"/>
        <xs:element name="IMCB" type="mailxml_base:IMCBType"
minOccurs="0"/>
        <xs:element name="IMTB" type="mailxml_base:s25"
minOccurs="0"/>
        <xs:element name="CSAID" type="mailxml_base:s10"
minOccurs="0"/>
        <xs:element name="ConsigneeAppTID"
type="mailxml_base:s12" minOccurs="0"/>
        <xs:element name="FullServiceAvailabilityDate"
type="xs:date" minOccurs="0"/>
        <xs:element name="VerificationError"
type="mailxml_defs:verificationErrorType" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:sequence minOccurs="0" maxOccurs="unbounded">
            <xs:element name="PreparerCRID"
type="mailxml_base:CRIDType" minOccurs="0"/>
            <xs:element name="OwnerCRID"
type="mailxml_base:CRIDType" minOccurs="0"/>
        </xs:sequence>
        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element name="PieceInfo" minOccurs="0"
maxOccurs="unbounded">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element
name="PhysicalPieceID" type="mailxml_base:s22"/>
                        <xs:element name="IMB"
type="mailxml_base:iMBType"/>
                        <xs:element name="OwnerCRID"
type="mailxml_base:CRIDType"/>
                        <xs:element
name="PreparerCRID" type="mailxml_base:CRIDType"/>
                        <xs:element
name="VerificationError" type="mailxml_defs:verificationErrorType"
minOccurs="1" maxOccurs="unbounded"/>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="PieceRangeInfo"
minOccurs="0">
                <xs:complexType>
                    <xs:sequence>

```

```

                                <xs:element
name="PieceRangeID" type="mailxml_base:s22"/>
                                <xs:element
name="IMBUpperSerialization"
type="mailxml_base:IMBUpperSerializationType"/>
                                <xs:element
name="IMBLowerSerialization"
type="mailxml_base:IMBLowerSerializationType"/>
                                <xs:element name="MailClass"
type="mailxml_base:mailClassType"/>
                                <xs:element
name="ProcessingCategory" type="mailxml_base:processingCategoryType"
minOccurs="0"/>
                                <xs:element
name="PieceCountInRange" type="xs:nonNegativeInteger" minOccurs="0"/>
                                <xs:element
name="AffectedPieceCount" type="xs:nonNegativeInteger" minOccurs="0"/>
                                <xs:element name="OwnerCRID"
type="mailxml_base:CRIDType"/>
                                <xs:element
name="PreparerCRID" type="mailxml_base:CRIDType"/>
                                <xs:element
name="VerificationError" type="mailxml_defs:verificationErrorType"
maxOccurs="unbounded"/>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                </xs:choice>
                                </xs:sequence>
                                </xs:complexType>

<!--=== FullService Data Quality Verification Report Notification
====->
<xs:element
name="FullServiceDataQualityVerificationReportNotification">
    <xs:annotation>
        <xs:documentation>Notification from USPS that a full
service data quality verification report is ready for
pickup.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:choice>
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>

```

```

                                <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                                </xs:sequence>
                                </xs:choice>
                                <xs:element name="MailFacilityID"
type="mailxml_base:CRIDType" minOccurs="0"/>
                                <xs:element name="VerificationReportType"
type="mailxml_base:verificationReportType" minOccurs="1"
maxOccurs="unbounded"/>
                                <xs:element name="FullServiceAvailabilityDate"
type="xs:date"/>
                                <xs:element name="NotificationDate"
type="xs:date"/>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>

    <!--=== FullService Data Quality Verification Report Query
Request      ===-->
    <xs:element
name="FullServiceDataQualityVerificationReportQueryRequest">
        <xs:annotation>
            <xs:documentation>Query request for full service data
quality reports.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                <xs:choice>
                    <xs:sequence>
                        <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                        <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                    </xs:sequence>
                    <xs:sequence>
                        <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                        <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                    </xs:sequence>
                </xs:choice>
                <xs:element name="MailFacilityID"
type="mailxml_base:CRIDType" minOccurs="0"/>
                <xs:element name="VerificationReportType"
type="mailxml_base:verificationReportType" minOccurs="1"
maxOccurs="unbounded"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

    <!--=== Full Service Data Quality Verification Response  ===-->

```

```

    <xs:element
name="FullServiceDataQualityVerificationReportQueryResponse">
    <xs:annotation>
        <xs:documentation>
            Response to the Request for Full Service Data Quality
Verification Reports
        </xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="QueryResults">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                            <xs:choice>
                                <xs:sequence>
                                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                                </xs:sequence>
                                <xs:sequence>
                                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                                </xs:sequence>
                            </xs:choice>
                        <xs:element
ref="mailxml_defs:LargeTransactionDividerResult" minOccurs="0"/>
                        <xs:element name="MailFacilityID"
type="mailxml_base:CRIDType"/>
                        <xs:element name="TotalJobContainerCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
                        <xs:element name="TotalJobHandlingUnitCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
                        <xs:element name="TotalJobPieceCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
                        <xs:element
name="TotalJobContainerHUErrorsCount" type="xs:nonNegativeInteger"
minOccurs="0"/>
                        <xs:element name="TotalJobPieceErrorsCount"
type="xs:nonNegativeInteger" minOccurs="0"/>
                        <xs:sequence minOccurs="0"
maxOccurs="unbounded">
                            <xs:element name="PreparerCRID"
type="mailxml_base:CRIDType"/>
                            <xs:element
name="TotalPreparerContainerCount" type="xs:nonNegativeInteger"/>
                            <xs:element
name="TotalPreparerHandlingUnitCount" type="xs:nonNegativeInteger"/>

```

```

        <xs:element
name="TotalPreparerPieceCount" type="xs:nonNegativeInteger"/>
        <xs:element
name="TotalPreparerContainerHUErrCount"
type="xs:nonNegativeInteger"/>
        <xs:element
name="TotalPreparerPieceErrorCount" type="xs:nonNegativeInteger"/>
    </xs:sequence>
    <xs:sequence minOccurs="0"
maxOccurs="unbounded">
        <xs:element name="OwnerCRID"
type="mailxml_base:CRIDType"/>
        <xs:element
name="TotalOwnerContainerCount" type="xs:nonNegativeInteger"/>
        <xs:element
name="TotalOwnerHandlingUnitCount" type="xs:nonNegativeInteger"/>
        <xs:element name="TotalOwnerPieceCount"
type="xs:nonNegativeInteger"/>
        <xs:element
name="TotalOwnerContainerHUErrCount" type="xs:nonNegativeInteger"/>
        <xs:element
name="TotalOwnerPieceErrorCount" type="xs:nonNegativeInteger"/>
    </xs:sequence>
    <xs:sequence maxOccurs="unbounded">
        <xs:element name="VerificationReportType"
type="mailxml_base:verificationReportType"/>
        <xs:element name="FSDQRContainerInfo"
type="mailxml_dd:fsdqrContainerInfoType"/>
    </xs:sequence>
</xs:sequence>
</xs:complexType>
</xs:element>
    <xs:element ref="mailxml_defs:QueryError"/>
</xs:choice>
</xs:sequence>
<xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupOptionalType"/>
</xs:complexType>
</xs:element>

<!--===      Full Service Nixie Messages      ===-->
<!--      -->
<!--      =====      -->

<!--===  Full Service Nixie Detail Delivery  ===-->
<!--=== V8.1 DK IB 07, 22      ===-->
<xs:element name="FullServiceNixieDetailDelivery">
    <xs:annotation>
        <xs:documentation>Delivery from USPS of full service
nixie detail.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType" minOccurs="0"/>

```

```

        <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType" minOccurs="0"/>
        <xs:element ref="mailxml_defs:DataRecipient"
minOccurs="0"/>
        <xs:element name="PushMessageID"
type="mailxml_base:s25" minOccurs="0" />
        <xs:element
ref="mailxml_dd:FullServiceNixieDetail" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupOptionalType"/>
</xs:complexType>
</xs:element>

<!--== Full Service Nixie Detail Notification ==-->
<!--== V8.1 DK 11 ==-->
<xs:element name="FullServiceNixieDetailNotification">
    <xs:annotation>
        <xs:documentation>Notification by USPS that full
service nixie detail is ready for pickup.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType" minOccurs="0"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType" minOccurs="0"/>
            <xs:element name="CRID"
type="mailxml_base:CRIDType" minOccurs="0"/>
            <xs:choice minOccurs="0">
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:choice>
            <xs:element name="FullServiceAvailabilityDate"
type="xs:date"/>
            <xs:element name="NotificationDate"
type="xs:date"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--== Full Service Nixie Detail Query Request ==-->
<!--== v8.1 dk IB 05, IB 01 ==-->
<xs:element name="FullServiceNixieDetailQueryRequest">
    <xs:annotation>

```

```

        <xs:documentation>Query request for full service
nixie detail.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType" minOccurs="0"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType" minOccurs="0"/>
            <xs:element name="RequestorCRID"
type="mailxml_base:CRIDType" minOccurs="0"/>
            <xs:choice minOccurs="0">
                <xs:element name="OriginalMailerID6"
type="mailxml_base:mailerID6Type"/>
                <xs:element name="OriginalMailerID9"
type="mailxml_base:mailerID9Type"/>
            </xs:choice>
            <xs:element name="PieceRequest"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation></xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="MailClass"
type="mailxml_base:mailClassType" minOccurs="0"/>
                        <xs:sequence minOccurs="0">
                            <xs:element
name="LowerIMBRange" type="mailxml_base:iMBType"/>
                            <xs:element
name="UpperIMBRange" type="mailxml_base:iMBType"/>
                        </xs:sequence>
                        <xs:element name="DateRange">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element
name="LowerDateRange" type="xs:date"/>
                                    <xs:element
name="UpperDateRange" type="xs:date"/>
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                        <xs:choice minOccurs="0">
                            <xs:sequence>
                                <xs:element
name="UserLicenseCode" type="mailxml_base:userLicenseCodeType"/>
                                <xs:element
name="MaildatJobID" type="mailxml_base:jobIDType"/>
                            </xs:sequence>
                            <xs:sequence>
                                <xs:element
name="CustomerGroupID" type="mailxml_base:s25" minOccurs="0"/>
                                <xs:element
name="MailingGroupID" type="xs:nonNegativeInteger"/>
                            </xs:sequence>
                        </xs:choice>
                    </xs:sequence>
                </xs:complexType>
            </xs:sequence>
        </xs:sequence>
    </xs:complexType>

```

```

        </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--== Full Service Nixie Detail ==-->
<!--== v9.0 dk IB 20, IB 12, 23 ==-->
<xs:element name="FullServiceNixieDetail">
    <xs:annotation>
        <xs:documentation>Full service nixie
detail.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:choice minOccurs="0">
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:choice>

            <xs:choice minOccurs="0">
                <xs:element name="OriginalMailerID6"
type="mailxml_base:mailerID6Type"/>
                <xs:element name="OriginalMailerID9"
type="mailxml_base:mailerID9Type"/>
            </xs:choice>
            <xs:element name="OriginalIMB"
type="mailxml_base:imBType" minOccurs="0"/>
            <xs:element name="RecordCreationDate"
type="xs:date" minOccurs="0"/>
            <xs:element name="ActionCode"
type="mailxml_base:actionCodeType" minOccurs="0"/>
            <xs:element name="ParsedAddressOnPiece"
type="xs:string" minOccurs="0"/>
            <xs:element name="OnPieceCityStateZip"
type="xs:string" minOccurs="0"/>
            <xs:element name="ReturnedToAddress"
type="xs:string" minOccurs="0"/>
            <xs:element name="ReturnedToCityStateZip"
type="xs:string" minOccurs="0"/>
            <xs:element name="ReasonCode"
type="mailxml_base:reasonCodeType" minOccurs="0"/>
            <xs:element name="KeylineFromEDoc"
type="xs:string" minOccurs="0"/>
            <xs:element name="ClassNotificationType"
type="mailxml_base:classNotificationType" minOccurs="0"/>

```

```

        <xs:element name="FeeNotification"
type="mailxml_base:feeNotificationType" minOccurs="0" />
        <xs:element
name="FullServiceComplianceIndicator"
type="mailxml_base:fullServiceComplianceIndicatorType" minOccurs="0"/>
        <xs:element
name="FullServiceNonComplianceReasonCode"
type="mailxml_base:reasonCodeType" minOccurs="0"/>
        <xs:element name="BillReasonCode"
type="mailxml_base:billReasonCodeType" maxOccurs="1" minOccurs="0"/>
        <xs:element name="FreeChargeFlag"
type="mailxml_base:yesNo" maxOccurs="1" minOccurs="0"/>
        <xs:element
name="FullServiceAvailabilityDate" type="xs:date" minOccurs="0"/>
        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--=== Full Service Nixie Detail Query Response ===-->
<!--=== V8.1 DK IB 06, 23 ===-->
<xs:element name="FullServiceNixieDetailQueryResponse">
    <xs:annotation>
        <xs:documentation>Response to the Query request for
full service nixie detail.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="QueryResults">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element
ref="mailxml_defs:LargeTransactionDividerResult" minOccurs="0"/>
                            <xs:element
ref="mailxml_dd:FullServiceNixieDetail" minOccurs="0"
maxOccurs="unbounded"/>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element ref="mailxml_defs:QueryError"/>
            </xs:choice>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupType"/>
    </xs:complexType>
</xs:element>

```

```

<!--==== Full Service Start the Clock Messages =====>
<!-- -->
<!-- ===== -->

<!--==== Full Service Start the Clock Delivery =====>
<!--==== V9.0 dk IB 24 =====>
<xs:element name="FullServiceStartTheClockDelivery">
  <xs:annotation>
    <xs:documentation>Delivery of Full Service start the
clock information to customer by USPS.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
      <xs:element ref="mailxml_defs:DataRecipient"
minOccurs="0"/>
      <xs:element name="PushMessageID"
type="mailxml_base:s25" minOccurs="0" />
      <xs:sequence maxOccurs="unbounded">
        <xs:element name="ClockStarted"
type="mailxml_dd:clockStartedType"/>
      </xs:sequence>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<!--==== Clock Started Type =====>
<!--==== v9.0 dk IB 13 =====>
<xs:complexType name="clockStartedType">
  <xs:sequence>
    <xs:element ref="mailxml_dd:StartTheClockBEMUBlock"
minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="StartTheClockDropShipBlock"
minOccurs="0" maxOccurs="unbounded">
      <xs:complexType>
        <xs:sequence>
          <xs:element
ref="mailxml_dd:StartTheClockDropShip" maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element
ref="mailxml_dd:StartTheClockPlantLoadBlock" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>

<!--==== Start the Clock BEMU Block =====>
<!--==== V9.0 dk IB 24 =====>
<xs:element name="StartTheClockBEMUBlock">
  <xs:complexType>
    <xs:sequence>

```

```

        <xs:element name="StartTheClockBEMU"
maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:choice minOccurs="0">
                        <xs:sequence>
                            <xs:element
name="UserCode" type="mailxml_base:userLicenseCodeType"/>
                            <xs:element
name="MaildatJobID" type="mailxml_base:jobIDType"/>
                        </xs:sequence>
                        <xs:sequence>
                            <xs:element
name="CustomerGroupID" type="mailxml_base:s25" minOccurs="0"/>
                            <xs:element
name="MailingGroupID" type="xs:nonNegativeInteger"/>
                        </xs:sequence>
                    </xs:choice>
                    <xs:element
name="PublicationNumber" type="mailxml_base:s08" minOccurs="0"/>
                    <xs:element name="MailClass"
type="mailxml_base:mailClassType" minOccurs="0"/>
                    <xs:element
name="OriginFacilityName" type="mailxml_base:s50" minOccurs="0"/>
                    <xs:element
name="OriginFacilityLocaleKey" type="mailxml_base:localeKeyType"
minOccurs="0"/>
                    <xs:element
name="ArrivalDateTime" type="xs:dateTime" minOccurs="0"/>
                    <xs:element
name="StartTheClockDate" type="xs:date"/>
                    <xs:element
name="FullServiceComplianceIndicator"
type="mailxml_base:fullServiceComplianceIndicatorType" minOccurs="0"/>
                    <xs:element
name="FullServiceNonComplianceReasonCode"
type="mailxml_base:reasonCodeType" minOccurs="0"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--=== Start the Clock Drop Ship ===-->
<!--=== v9.0 dk IB 13, 24 ===-->
<xs:element name="StartTheClockDropShip" >
    <xs:complexType>
        <xs:sequence>
            <xs:choice minOccurs="0">
                <xs:sequence>
                    <xs:element name="UserCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

                                <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                                <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                                </xs:sequence>
                                </xs:choice>
                                <xs:choice minOccurs="0">
                                <xs:element name="ConsigneeApptID"
type="mailxml_base:s10"/>
                                <xs:element name="CSADispatchNumber"
type="mailxml_base:s10"/>
                                </xs:choice>
                                <xs:element name="PublicationNumber"
type="mailxml_base:s08" minOccurs="0"/>
                                <xs:element name="MailClass"
type="mailxml_base:mailClassType" minOccurs="0"/>
                                <xs:element name="UspsInductionFacilityName"
type="mailxml_base:s50" minOccurs="0"/>
                                <xs:element
name="UspsInductionFacilityLocaleKey" type="mailxml_base:localeKeyType"
minOccurs="0"/>
                                <xs:element name="ApptDateTime"
type="xs:dateTime" minOccurs="0"/>
                                <xs:element name="ArrivalDateTime"
type="xs:dateTime" minOccurs="0"/>
                                <xs:element name="UnloadStartDateTime"
type="xs:dateTime" minOccurs="0"/>
                                <xs:element name="UnloadEndDateTime"
type="xs:dateTime" minOccurs="0"/>
                                <xs:element name="ApptStatus"
type="mailxml_base:apptStatusType" minOccurs="0"/>
                                <xs:element name="StartTheClockDate"
type="xs:date" minOccurs="0"/>
                                <xs:element
name="FullServiceComplianceIndicator"
type="mailxml_base:fullServiceComplianceIndicatorType" minOccurs="0"/>
                                <xs:element
name="FullServiceNonComplianceReasonCode"
type="mailxml_base:reasonCodeType" minOccurs="0"/>
                                <xs:element
name="FullServiceAvailabilityDate" type="xs:date" minOccurs="0"/>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>

                                <!--== Start The Clock Plant Load Block ==-->
                                <!--== V9.0 dk IB 24 ==-->
                                <xs:element name="StartTheClockPlantLoadBlock">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="StartTheClockPlantLoad"
maxOccurs="unbounded">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:choice minOccurs="0">
                                <xs:sequence>

```

```

<xs:element
name="UserLicenseCode" type="mailxml_base:userLicenseCodeType"/>
<xs:element
name="MaildatJobID" type="mailxml_base:jobIDType"/>
</xs:sequence>
<xs:sequence>
<xs:element
name="CustomerGroupID" type="mailxml_base:s25" minOccurs="0"/>
<xs:element
name="MailingGroupID" type="xs:nonNegativeInteger"/>
</xs:sequence>
</xs:choice>
<xs:element
name="PublicationNumber" type="mailxml_base:s08" minOccurs="0"/>
<xs:element
name="CSADispatchNumber" type="mailxml_base:s10" minOccurs="0"/>
<xs:element name="MailClass"
type="mailxml_base:mailClassType" minOccurs="0"/>
<xs:element
name="OriginFacilityName" type="mailxml_base:s50" minOccurs="0"/>
<xs:element
name="OriginFacilityLocaleKey" type="mailxml_base:localeKeyType"
minOccurs="0"/>
<xs:element
name="MailReleasedDateTime" type="xs:dateTime" minOccurs="0"/>
<xs:element
name="StartTheClockDate" type="xs:date" minOccurs="0"/>
<xs:element
name="FullServiceComplianceIndicator"
type="mailxml_base:fullServiceComplianceIndicatorType" minOccurs="0"/>
<xs:element
name="FullServiceNonComplianceReasonCode"
type="mailxml_base:reasonCodeType" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--=== Full Service Start the Clock Notification===-->
<!--=== V9.0 DK IB 28 ===-->
<xs:element name="FullServiceStartTheClockNotification">
<xs:annotation>
<xs:documentation>Notification from USPS that full
service start the clock information is ready to be picked
up.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
<xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
<xs:element ref="mailxml_defs:DataRecipient"
minOccurs="0"/>

```

```

        <xs:choice minOccurs="0">
            <xs:sequence>
                <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
            </xs:sequence>
            <xs:sequence>
                <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
            </xs:sequence>
        </xs:choice>
        <xs:element name="FullServiceAvailabilityDate"
type="xs:date"/>
        <xs:element name="NotificationDate"
type="xs:date"/>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--===      Full Service Start the Clock Query Request      ===-->
<xs:element name="FullServiceStartTheClockQueryRequest">
    <xs:annotation>
        <xs:documentation>Query request for full service
start the clock information.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:choice minOccurs="0">
                <xs:element name="ConsigneeApptID"
type="mailxml_base:s12"/>
                <xs:element name="CSADispatchNumber"
type="mailxml_base:s10"/>
            </xs:choice>
            <xs:choice minOccurs="0">
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25" minOccurs="0"/>
                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

                <xs:element name="CustomerAccount"
type="mailxml_defs:permitPublicationDataType"/>
                </xs:choice>
                <xs:element name="LowerDateRange"
type="xs:date"/>
                <xs:element name="UpperDateRange"
type="xs:date"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

    <!--====      Full Service Start the Clock Query Response      =====>
    <!--==== V9.0 DK IB 17, 24                                     =====>
    <xs:element name="FullServiceStartTheClockQueryResponse">
        <xs:annotation>
            <xs:documentation>Response to the query for full
service start the clock information.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="QueryResults">
                        <xs:annotation>
                            <xs:documentation></xs:documentation>
                            </xs:annotation>
                            <xs:complexType>
                                <xs:sequence maxOccurs="unbounded">
                                    <xs:element
ref="mailxml_defs:LargeTransactionDividerResult" minOccurs="0"/>
                                    <xs:sequence maxOccurs="unbounded">
                                        <xs:element name="ClockStarted"
type="mailxml_dd:clockStartedType"/>
                                        <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                                    </xs:sequence>
                                </xs:complexType>
                            </xs:element>
                            <xs:element ref="mailxml_defs:QueryError"/>
                        </xs:choice>
                    </xs:sequence>
                    <xs:attributeGroup
ref="mailxml_defs:LargeTransactionDividerGroupType"/>
                </xs:complexType>
            </xs:element>
        </xs:schema>

```

4 mailxml_id.xsd (Identification Messages)

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:mailxml_defs="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/mailxml_defs"
xmlns:mailxml_base="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/base"
xmlns:mailxml_id="http://idealliance.org/maildat/Specs/md091/mailxml9.0
/mailxml_id"
targetNamespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/
mailxml_id"
elementFormDefault="qualified" attributeFormDefault="qualified"
version="mailxml90060710">

<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/base"
schemaLocation="mailxml_base_9DRAFT.xsd"/>
<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxm
l_defs" schemaLocation="mailxml_defs_9DRAFT.xsd"/>

<!--Copyright 2000-2010 International Digital Enterprise Alliance,
Inc. (IDEAlliance). All rights reserved by the Copyright
wner under the laws of the United States. For support, more
information, or to report implementation bugs, please contact
IDEAlliance at
www.idealliance.org.-->

<xs:annotation>
<xs:documentation>
This module contains the Identification messages of MailXML. It
contains elements and
complexTypes that are used exclusively by the Identification messages.

Common attributes, elements and complexTypes are included from the
commonDefs module.
Common simpleTypes are included from the base module.
+++++
MailXML 9.0 CRs
IB 21: Add TrackingID to all Responses

</xs:documentation>
</xs:annotation>

<!--==== Identification Messages =====>
<!-- -->
<!-- ===== -->

<!--==== ++++ Headers for Identification Messages ++++=====>

<!--==== Cast of Character Request Header Info =====>
<xs:attributeGroup name="CastofCharacterRequestHeaderInfo">
<xs:attribute name="OriginalSenderMsgID"
type="mailxml_base:s12" use="required"/>

```

```

</xs:attributeGroup>

<!--=== Cast of Character Response Header Info ===-->
<xs:attributeGroup name="CastofCharacterResponseHeaderInfo">
  <xs:attribute name="OriginalSenderMsgID"
type="mailxml_base:s12" use="required"/>
  <xs:attribute name="RecieverMsgID" type="mailxml_base:s12"
use="required"/>
</xs:attributeGroup>


<!--===      Cast of Characters Messages ===-->
<!--      -->
<!--      =====      -->


<!--=== Cast of Characters Cancel Request ===-->
<xs:element name="CastofCharactersCancelRequest">
  <xs:annotation>
    <xs:documentation>Message requesting the cancellation
of unique identification the various roles for parties within the
industry for a list to enable information access and sharing between
USPS and multiple mailers.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
      <xs:sequence maxOccurs="unbounded">
        <xs:element name="Participant"
type="mailxml_defs:participantIDType"/>
        <xs:element name="Role"
type="mailxml_base:roleType" maxOccurs="unbounded"/>
      </xs:sequence>
      <xs:choice>
        <xs:choice>
          <xs:sequence>
            <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
            <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
          </xs:sequence>
          <xs:sequence>
            <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
            <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
          </xs:sequence>
        </xs:choice>
      </xs:choice>
      <xs:element name="MailPieceGroup"
type="mailxml_id:mailPieceGroupCreateType" maxOccurs="unbounded"/>
      <xs:element name="ContainerGroup"
type="mailxml_id:groupContainerIDType" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:choice>
        <xs:element name="EffectiveDate"
type="xs:date"/>
        <xs:choice minOccurs="0">
            <xs:element name="ExpirationDate"
type="xs:date"/>
            <xs:sequence>
                <xs:element name="Duration"
type="xs:nonNegativeInteger"/>
                <xs:element
name="DurationUnitofMeasure" type="mailxml_base:uOMType"/>
            </xs:sequence>
        </xs:choice>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
</xs:complexType>
</xs:element>

<!--== Mail Piece Group Create Type ==-->
<xs:complexType name="mailPieceGroupCreateType">
    <xs:choice maxOccurs="unbounded">
        <xs:element name="MailPieceID"
type="mailxml_defs:mailPieceIDType"/>
        <xs:sequence>
            <xs:element name="LowestMailPieceID"
type="mailxml_defs:mailPieceIDType"/>
            <xs:element name="HighestMailPieceID"
type="mailxml_defs:mailPieceIDType"/>
        </xs:sequence>
    </xs:choice>
    <xs:attributeGroup
ref="mailxml_defs:MailPieceGroupRequestHeaderInfo"/>
</xs:complexType>

<!--== Group Container ID Type ==-->
<xs:complexType name="groupContainerIDType">
    <xs:choice>
        <xs:element name="MaildatContainer"
type="mailxml_defs:maildatContainerIDType"/>
        <xs:element name="MailXMLContainer"
type="mailxml_defs:MailXMLContainerIDType"/>
        <xs:element name="ContainerBarcode"
type="mailxml_base:container24CharacterBarcodeType"/>
    </xs:choice>
    <xs:attributeGroup
ref="mailxml_defs:ContainerGroupRequestHeaderInfo"/>
</xs:complexType>

<!--== Mail Piece Group Create Response Type ==-->
<!--== CR 83 v3.0 dk ==-->
<xs:complexType name="mailPieceGroupResponseType">
    <xs:sequence>

```

```

        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:choice maxOccurs="unbounded">
            <xs:element name="MailPieceID"
type="mailxml_defs:mailPieceIDType"/>
            <xs:sequence>
                <xs:element name="LowestMailPieceID"
type="mailxml_defs:mailPieceIDType"/>
                <xs:element name="HighestMailPieceID"
type="mailxml_defs:mailPieceIDType"/>
            </xs:sequence>
        </xs:choice>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:MailPieceGroupResponseHeaderInfo"/>
</xs:complexType>

<!--=== Cast of Characters Cancel Response      ===-->
<xs:element name="CastofCharactersCancelResponse">
    <xs:annotation>
        <xs:documentation>Response to a message requesting
the cancellation of unique identification the various roles for parties
within the industry.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="CastofCharactersCancelAccept">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                        </xs:sequence>
                        <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
                    </xs:complexType>
                </xs:element>
                <xs:element name="CastofCharactersCancelReject">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                        </xs:sequence>
                        <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
                    </xs:complexType>
                </xs:element>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

<!--=== Cast of Characters Create Request      ===-->
<xs:element name="CastofCharactersCreateRequest">
  <xs:annotation>
    <xs:documentation>Message requesting the creation of
unique identification the various roles for parties within the industry
for a list to enable information access and sharing between USPS and
multiple mailers.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
      <xs:sequence maxOccurs="unbounded">
        <xs:element name="Participant"
type="mailxml_defs:participantIDType"/>
        <xs:element name="Role"
type="mailxml_base:roleType" maxOccurs="unbounded"/>
      </xs:sequence>
      <xs:choice>
        <xs:choice>
          <xs:sequence>
            <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
            <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
          </xs:sequence>
          <xs:sequence>
            <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
            <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
          </xs:sequence>
        </xs:choice>
        <xs:element name="MailPieceGroup"
type="mailxml_id:mailPieceGroupCreateType" maxOccurs="unbounded"/>
        <xs:element name="ContainerGroup"
type="mailxml_id:groupContainerIDType" maxOccurs="unbounded"/>
      </xs:choice>
      <xs:element name="EffectiveDate"
type="xs:date"/>
      <xs:choice minOccurs="0">
        <xs:element name="ExpirationDate"
type="xs:date"/>
        <xs:sequence>
          <xs:element name="Duration"
type="xs:nonNegativeInteger"/>
          <xs:element
name="DurationUnitofMeasure" type="mailxml_base:uOMType"/>
        </xs:sequence>
      </xs:choice>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
  </xs:complexType>

```

```

</xs:element>

<!--=== Cast of Characters Create Response      ===-->
<xs:element name="CastofCharactersCreateResponse">
  <xs:annotation>
    <xs:documentation>Response to a message requesting
the creation of unique identification the various roles for parties
within the industry.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
      <xs:choice>
        <xs:element name="CastofCharactersCreateAccept"
type="mailxml_id:CofCCreateAcceptType" />
        <xs:element name="CastofCharactersCreateReject"
type="mailxml_id:CofCCreateRejectType" />
      </xs:choice>
    </xs:sequence>
    <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo" />
  </xs:complexType>
</xs:element>

<!--=== Cast of Characters Create Accept Type    ===-->
<xs:complexType name="CofCCreateAcceptType">
  <xs:sequence>
    <xs:choice>
      <xs:choice>
        <xs:sequence>
          <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType" />
          <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType" />
        </xs:sequence>
        <xs:sequence>
          <xs:element name="CustomerGroupID"
type="mailxml_base:s25" />
          <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger" />
        </xs:sequence>
      </xs:choice>
      <xs:element name="ContainerGroup"
type="mailxml_id:groupContainerIDType" maxOccurs="unbounded" />
      <xs:element name="MailPieceGroup"
type="mailxml_id:mailPieceGroupCreateType" maxOccurs="unbounded" />
    </xs:choice>
    <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0" />
  </xs:sequence>
</xs:complexType>

```

```

<!--=== Cast of Characters Create Reject Type      ===-->
<xs:complexType name="CofCCreateRejectType">
  <xs:sequence>
    <xs:choice>
      <xs:choice>
        <xs:sequence>
          <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
          <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
        </xs:sequence>
        <xs:sequence>
          <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
          <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
        </xs:sequence>
      </xs:choice>
      <xs:element name="ContainerGroup"
type="mailxml_id:groupContainerIDType" maxOccurs="unbounded"/>
      <xs:element name="MailPieceGroup"
type="mailxml_id:mailPieceGroupCreateType" maxOccurs="unbounded"/>
    </xs:choice>
    <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
  </xs:sequence>
</xs:complexType>

<!--=== Cast of Characters Update Request          ===-->
<xs:element name="CastofCharactersUpdateRequest">
  <xs:annotation>
    <xs:documentation>Message requesting an update to
unique identification the various roles for parties within the industry
for a list to enable information access and sharing between USPS and
multiple mailers.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
      <xs:sequence maxOccurs="unbounded">
        <xs:element name="Participant"
type="mailxml_defs:participantIDType"/>
        <xs:element name="Role"
type="mailxml_base:roleType" maxOccurs="unbounded"/>
      </xs:sequence>
      <xs:choice>
        <xs:choice>
          <xs:sequence>
            <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
            <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
          </xs:sequence>
          <xs:sequence>

```

```

                                <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                                <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                                </xs:sequence>
                                </xs:choice>
                                <xs:element name="MailPieceGroup"
type="mailxml_id:mailPieceGroupCreateType" maxOccurs="unbounded"/>
                                <xs:element name="ContainerGroup"
type="mailxml_id:groupContainerIDType" maxOccurs="unbounded"/>
                                </xs:choice>
                                <xs:element name="EffectiveDate"
type="xs:date"/>
                                <xs:choice minOccurs="0">
                                    <xs:element name="ExpirationDate"
type="xs:date"/>
                                    <xs:sequence>
                                        <xs:element name="Duration"
type="xs:nonNegativeInteger"/>
                                        <xs:element
name="DurationUnitofMeasure" type="mailxml_base:uOMType"/>
                                    </xs:sequence>
                                </xs:choice>
                                </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
                                </xs:complexType>
                                </xs:element>

<!--=== Cast of Characters Update Response      ===-->
<xs:element name="CastofCharactersUpdateResponse">
    <xs:annotation>
        <xs:documentation>Response to a message requesting an
update to unique identification the various roles for parties within
the industry.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element name="CastofCharactersUpdateAccept">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                        </xs:sequence>
                    <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
                </xs:complexType>
            </xs:element>
            <xs:element name="CastofCharactersUpdateReject">
                <xs:annotation>

```

```

        <xs:documentation></xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
    </xs:complexType>
</xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--===      Customer Relations Identify Messages  ===-->
<!--      -->
<!--      =====      -->

<!-- Headers for Customer Relations Messages      -->
<!--=== Customer Relations Query Resquest Header      ===-->
<xs:attributeGroup name="CRQueryRequestHeaderInfo">
    <xs:annotation>
        <xs:documentation>Group of attributes identifying a
mail piece and link to Maildat</xs:documentation>
    </xs:annotation>
    <xs:attribute name="MaildatJobID"
type="mailxml_base:jobIDType" use="required"/>
    <xs:attribute name="MPUID" type="mailxml_base:MPUIDType"
use="required"/>
    <xs:attribute name="SegmentID" type="mailxml_base:s04"
use="required"/>
    <xs:attribute name="ComponentID" type="mailxml_base:s08"
use="required"/>
    <xs:attribute name="LinktoMaildatSummaryJobID"
type="mailxml_base:jobIDType" use="required"/>
    <xs:attribute name="LinktoMaildatSummaryContainerID"
type="mailxml_base:databaseContainerIDType" use="required"/>
</xs:attributeGroup>

<!--=== Customer Relations Query Response Header      ===-->
<xs:attributeGroup name="CRQueryResponseHeaderInfo">
    <xs:attribute name="MaildatJobID"
type="mailxml_base:jobIDType" use="required"/>
    <xs:attribute name="MPUID"
type="mailxml_base:MPUIDType" use="required"/>
    <xs:attribute name="SegmentID"
type="mailxml_base:s04" use="required"/>
    <xs:attribute name="ComponentID"
type="mailxml_base:s08" use="required"/>
</xs:attributeGroup>

<!--=== Summary Identifier for Customer Relation Header Info
===-->
<xs:attributeGroup name="SummaryIdentifierHeaderInfo">
    <xs:annotation>

```

```

        <xs:documentation>Group of attributes identifying a
mail piece and link to Maildat</xs:documentation>
        </xs:annotation>
        <xs:attribute name="MaildatJobID"
type="mailxml_base:jobIDType" use="required"/>
        <xs:attribute name="MPUID" type="mailxml_base:MPUIDType"
use="required"/>
        <xs:attribute name="SegmentID" type="mailxml_base:s04"
use="required"/>
        <xs:attribute name="ComponentID" type="mailxml_base:s08"
use="required"/>
        <xs:attribute name="LinktoMaildatSummaryJobID"
type="mailxml_base:jobIDType" use="required"/>
        <xs:attribute name="LinktoMaildatSummaryContainerID"
type="mailxml_base:databaseContainerIDType" use="required"/>
        </xs:attributeGroup>

    <!--== Customer Relation Identification Query Request ==-->
    <xs:element name="CustomerRelationIdentifyQueryRequest">
        <xs:annotation>
            <xs:documentation>Query request for mail piece
customer identifiers.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_id:CRQueryRequestHeaderInfo"/>
        </xs:complexType>
    </xs:element>

    <!--== Customer Relation Identification Query Response ==-->
    <xs:element name="CustomerRelationIdentifyQueryResponse">
        <xs:annotation>
            <xs:documentation>Response to the Query request for
mail piece customer identifiers.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element name="QueryResults">
                        <xs:annotation>
                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                    </xs:element>
                </xs:choice>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

                                <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                                <xs:element name="Status"
type="mailxml_base:statusType"/>
                                <xs:element name="CustomerID"
type="mailxml_id:customerIdentityType" minOccurs="0"/>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element ref="mailxml_defs:QueryError"/>
                                </xs:choice>
                                </xs:sequence>
                                <xs:attributeGroup
ref="mailxml_id:CRQueryResponseHeaderInfo"/>
                                </xs:complexType>
                                </xs:element>

                                <!--=== Customer Identification Type      ===-->
                                <xs:complexType name="customerIdentityType">
                                    <xs:annotation>
                                        <xs:documentation>Structure describibg the customer
information</xs:documentation>
                                    </xs:annotation>
                                    <xs:attribute name="Owner" type="mailxml_base:s12"/>
                                    <xs:attribute name="Preparer" type="mailxml_base:s12"/>
                                    <xs:attribute name="Scheduler" type="mailxml_base:s12"/>
                                    <xs:attribute name="Consolidator" type="mailxml_base:s12"/>
                                    <xs:attribute name="Logistics" type="mailxml_base:s12"/>
                                </xs:complexType>

                                <!--=== Customer Relation Identification Update Request      ===-->
                                <xs:element name="CustomerRelationIdentifyUpdateRequest">
                                    <xs:annotation>
                                        <xs:documentation>Request to update mail piece
customer information.</xs:documentation>
                                    </xs:annotation>
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
                                            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
                                            <xs:element name="UpdateCustomerInfo"
type="mailxml_id:customerIdentityType"/>
                                        </xs:sequence>
                                        <xs:attributeGroup
ref="mailxml_id:SummaryIdentifierHeaderInfo"/>
                                    </xs:complexType>
                                </xs:element>

                                <!--=== Customer Relation Identification Update Response      ===-->
                                <xs:element name="CustomerRelationIdentifyUpdateResponse">
                                    <xs:annotation>

```

```

        <xs:documentation>Response for the update request for
mail piece customer information.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice>
                <xs:element
name="CustomerRelationIdentifyUpdateAccept">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="SetCustomerInfo"
type="mailxml_id:customerIdentityType"/>
                        </xs:sequence>
                        <xs:attributeGroup
ref="mailxml_id:SummaryIdentifierHeaderInfo"/>
                    </xs:complexType>
                </xs:element>
                <xs:element
name="CustomerRelationIdentifyUpdateReject">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                        </xs:sequence>
                        <xs:attributeGroup
ref="mailxml_id:SummaryIdentifierHeaderInfo"/>
                    </xs:complexType>
                </xs:element>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--==== USPS CRID Messages =====>
<!-- -->
<!-- ===== -->

<!--==== USPS CRID Create Request =====>
<xs:element name="USPSCRIDCreateRequest">
    <xs:annotation>
        <xs:documentation>Request to the USPS to create one
or more CRIDs.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="CRIDEntry"
type="mailxml_id:CRIDEntryType" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>

```

```

</xs:element>

<!--=== USPS CRID Create Response ===-->
<xs:element name="USPSCRIDCreateResponse">
  <xs:annotation>
    <xs:documentation>Response to a request to the USPS
to create one or more CRIDs.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
      <xs:choice maxOccurs="unbounded">
        <xs:element name="USPSCRIDCreateAccept">
          <xs:annotation>

            <xs:documentation></xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="CRID"
type="mailxml_base:CRIDType" />
                  <xs:element name="CRIDStatus"
type="mailxml_base:cRIDStatusType" />
                  <xs:element name="CRIDEntry"
type="mailxml_id:CRIDEntryType" />
                  <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0" />
                </xs:sequence>
              </xs:complexType>
            </xs:element>
          <xs:element name="USPSCRIDCreateReject">
            <xs:annotation>

              <xs:documentation></xs:documentation>
                </xs:annotation>
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="CRIDEntry"
type="mailxml_id:CRIDEntryType" />
                    <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" />
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
            </xs:choice>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<!--=== USPS CRID Query Request ===-->
<xs:element name="USPSCRIDQueryRequest">
  <xs:annotation>

```

```

        <xs:documentation>Query Request for USPS CRID
information.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
    <xs:sequence>
        <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
        <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
        <xs:element name="CRIDsRequested"
type="mailxml_id:cRIDsRequestedType" maxOccurs="unbounded"/>
    </xs:sequence>
    </xs:complexType>
</xs:element>

<!--=== CRIDs Requested Type ===-->
    <xs:complexType name="cRIDsRequestedType">
    <xs:sequence>
        <xs:element name="CRID"
type="mailxml_base:CRIDType"/>
        <xs:choice minOccurs="0">
        <xs:sequence>
            <xs:element name="CompanyName"
type="mailxml_base:s40"/>
            <xs:element name="Address"
type="mailxml_defs:addressType"/>
        </xs:sequence>
        <xs:element name="PermitPublicationData"
type="mailxml_defs:permitPublicationDataType" />
        </xs:choice>
        <xs:element name="ApplyingForSelf"
type="mailxml_base:yesNo"/>
        <xs:element name="LegalAcknowledgementBlock"
type="mailxml_id:legalAcknowledgementBlockCRIDType" minOccurs="0"/>
    </xs:sequence>
    </xs:complexType>

<!--=== LegalAcknowledgementBlock Type for CRID ===-->
    <xs:complexType name="legalAcknowledgementBlockCRIDType">
    <xs:sequence>
        <xs:element
name="UnderstandLegalLiabilityForApplyingForSomeoneElse"
type="mailxml_base:yesNo" default="No"/>
        <xs:element
name="AcknowledgeNotifyingTheMailOwner" type="mailxml_base:yesNo"
default="No"/>
        <xs:element name="USPSLegalAgreement"
type="xs:string" default="Mail Owner Agreement:This pertains to the
services being requested on behalf of the Mail Owner identified on the
Mailer ID (MID) and Customer Registration ID (CRID) application to the
United States Postal Service (USPS) by the named Mailing Agent.- a.
I acknowledge that my Mailing Agent has reviewed the terms and
condition regarding online account access and mailer identification
requirements. - b. I acknowledge that I was advised that I could
obtain details or ask questions from the USPS of where my accounts are
held. -c. I understand that my Mailing Agent will have access to all

```

information, including financial data relating to the accounts to which I grant access. -d. I understand that by signing this agreement I am authorizing the Mailing Agent identified below to act on behalf of my organization to request and obtain services from the USPS. -e. I understand that I will be responsible for all actions performed by my Mailing Agent against my accounts. -f. I have fully read and considered all of the terms and statements contained in this agreement before agreeing with this document. - Mailing Agent Agreement: - g. I understand that I have been granted authorization by the Mail Owner identified on the MID and Customer Registration ID (CRID) applications to act as their Mailing Agent to the USPS and conduct the services requested for business mailing matters on their behalf. - h. I have advised the Mail Owner of the services being requested and what they mean regarding their mailings, accounts, and information access. -i.

I understand that I have notified the Mail Owner and the Mail Owner has agreed to all statements from statement 'a' through 'f' in the Mail Owner Agreement and is giving me authorization to request a MID and/Or CRID on its behalf. I certify that I have read and understand the terms and conditions outlined in this USPSLegalAgreement and my communication to the USPS shall be deemed as my signed copy of the agreement.">

```

        </xs:element>
    </xs:sequence>
</xs:complexType>

<!--=== LegalAcknowledgementBlock Type for MID ===-->
<xs:complexType name="LegalAcknowledgementBlockMIDType">
    <xs:sequence>
        <xs:element
name="UnderstandLegalLiabilityForApplyingForSomeOneElse"
type="mailxml_base:yesNo" default="No"/>
        <xs:element
name="AcknowledgeNotifyingTheMailOwner" type="mailxml_base:yesNo"
default="No"/>
        <xs:element name="USPSLegalAgreement"
type="xs:string" default="Mail Owner Agreement:This pertains to the
services being requested on behalf of the Mail Owner identified on the
Mailer ID (MID) and Customer Registration ID (CRID) application to the
United States Postal Service (USPS) by the named Mailing Agent.- a.
I acknowledge that my Mailing Agent has reviewed the terms and
condition regarding online account access and mailer identification
requirements. - b. I acknowledge that I was advised that I could
obtain details or ask questions from the USPS of where my accounts are
held. -c. I understand that my Mailing Agent will have access to all
information, including financial data relating to the accounts to which
I grant access. -d. I understand that by signing this agreement I am
authorizing the Mailing Agent identified below to act on behalf of my
organization to request and obtain services from the USPS. -e. I
understand that I will be responsible for all actions performed by my
Mailing Agent against my accounts. -f. I have fully read and
considered all of the terms and statements contained in this agreement
before agreeing with this document. - Mailing Agent Agreement: - g.
I understand that I have been granted authorization by the Mail Owner
identified on the MID and Customer Registration ID (CRID) applications
to act as their Mailing Agent to the USPS and conduct the services
requested for business mailing matters on their behalf. - h. I have
advised the Mail Owner of the services being requested and what they

```

mean regarding their mailings, accounts, and information access. -i.

I understand that I have notified the Mail Owner and the Mail Owner has agreed to all statements from statement 'a' through 'f' in the Mail Owner Agreement and is giving me authorization to request a MID and/Or CRID on its behalf. I certify that I have read and understand the terms and conditions outlined in this USPSLegalAgreement and my communication to the USPS shall be deemed as my signed copy of the agreement.">

```

        </xs:element>
      </xs:sequence>
    </xs:complexType>

    <!--=== USPS CRID Query Response ===-->
    <xs:element name="USPSCRIDQueryResponse">
      <xs:annotation>
        <xs:documentation>Response to a query for USPS CRID
information.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
          <xs:choice maxOccurs="unbounded">
            <xs:element name="QueryResults">
              <xs:annotation>

                <xs:documentation></xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="CRID"
type="mailxml_base:CRIDType"/>
                  <xs:element
name="CRIDQueryResponse" type="mailxml_id:CRIDQueryResponseType"/>
                  <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="QueryError">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="CRID"
type="mailxml_base:CRIDType"/>
                  <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
          </xs:choice>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

```

<!--==== CRIDs Entry Type =====>
  <xs:complexType name="CRIDEntryType">
    <xs:sequence>
      <xs:element name="CompanyName"
type="mailxml_base:s40"/>
      <xs:element name="PermitPublicationData"
type="mailxml_defs:permitPublicationDataType" minOccurs="0" />
      <xs:element name="CompanyHQIndicator"
type="mailxml_base:yesNo" minOccurs="0"/>
      <xs:element name="Address"
type="mailxml_defs:addressType"/>
      <xs:element name="AddressMatch"
type="mailxml_base:yesNo" default="Yes"/>
      <xs:element name="ApplyingForSelf"
type="mailxml_base:yesNo"/>
      <xs:element name="LegalAcknowledgementBlock"
type="mailxml_id:legalAcknowledgementBlockCRIDType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

<!--==== CRIDs Query Response Type =====>
  <xs:complexType name="CRIDQueryResponseType">
    <xs:sequence>
      <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
      <xs:element name="CompanyName"
type="mailxml_base:s40"/>
      <xs:element name="PermitPublicationData"
type="mailxml_defs:permitPublicationDataType" minOccurs="0" />
      <xs:element name="CompanyHQIndicator"
type="mailxml_base:yesNo" minOccurs="0"/>
      <xs:element name="Address"
type="mailxml_defs:addressType"/>
      <xs:element name="AddressMatch"
type="mailxml_base:yesNo" default="Yes" minOccurs="0"/>
      <xs:element name="ApplyingForSelf"
type="mailxml_base:yesNo"/>
      <xs:element name="LegalAcknowledgementBlock"
type="mailxml_id:legalAcknowledgementBlockCRIDType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

<!--==== USPS MID Messages =====>
<!-- -->
<!-- ===== -->

<!--==== USPS MID Create Request =====>
  <xs:element name="USPSMIDCreateRequest">
    <xs:annotation>
      <xs:documentation>Request to USPS to create MID
information.</xs:documentation>
    </xs:annotation>
  </xs:complexType>

```

```

        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:sequence maxOccurs="unbounded">
                <xs:element name="MIDEntry"
type="mailxml_id:midEntryType"/>
            </xs:sequence>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--== USPS MID Create Response ==-->
<xs:element name="USPSMIDCreateResponse">
    <xs:annotation>
        <xs:documentation>Response to a request to USPS to
create MID information.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice maxOccurs="unbounded">
                <xs:element name="USPSMIDCreateAccept">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="MID"
type="mailxml_defs:MIDType" maxOccurs="unbounded"/>
                            <xs:element name="MIDStatus"
type="mailxml_base:MIDStatusType"/>
                            <xs:element name="MIDEntry"
type="mailxml_id:midEntryType"/>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="USPSMIDCreateReject">
                    <xs:annotation>

            <xs:documentation></xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="MIDEntry"
type="mailxml_id:midEntryType"/>
                    <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:choice>
    </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

<!--=== USPS MID Query Request ===-->
<xs:element name="USPSMIDQueryRequest">
  <xs:annotation>
    <xs:documentation>Query request for USPS MID
information.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
      <xs:sequence maxOccurs="unbounded">
        <xs:element name="MIDsRequested">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="CRID"
type="mailxml_base:CRIDType"/>
              <xs:element name="MID"
type="mailxml_defs:MIDType" minOccurs="0"/>
            <xs:choice minOccurs="0">
              <xs:sequence>
                <xs:element
name="CustomerName" type="mailxml_base:s40"/>
                <xs:element
name="Address" type="mailxml_defs:addressType"/>
              </xs:sequence>
              <xs:element
name="PermitPublicationData"
type="mailxml_defs:permitPublicationDataType"/>
            </xs:choice>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--=== USPS MID Query Response ===-->
<xs:element name="USPSMIDQueryResponse">
  <xs:annotation>
    <xs:documentation>Response to a query for USPS MID
information.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>

```

```

        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:choice maxOccurs="unbounded">
            <xs:element name="QueryResults">
                <xs:annotation>

                    <xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="MID"
type="mailxml_defs:MIDType"/>
                            <xs:element
name="MIDQueryResponse" type="mailxml_id:midQueryResponseType"/>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="QueryError">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element
name="CustomerCRID" type="mailxml_base:CRIDType"/>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

    <!--=== MID Type Entry      ===-->
    <xs:complexType name="midEntryType">
        <xs:sequence>
            <xs:element name="CustomerCRID"
type="mailxml_base:CRIDType"/>
            <xs:element name="CustomerName" type="xs:string"
minOccurs="0"/>
            <xs:element name="PermitPublicationData"
type="mailxml_defs:permitPublicationDataType" minOccurs="0"/>
            <xs:element name="CompanyHQIndicator"
type="mailxml_base:yesNo" minOccurs="0"/>
            <xs:element name="Address1" type="mailxml_base:s64"
minOccurs="0"/>
            <xs:element name="Address2" type="mailxml_base:s64"
minOccurs="0"/>
            <xs:element name="City" type="mailxml_base:s50"
minOccurs="0"/>
            <xs:element name="State" type="mailxml_base:s02"
minOccurs="0"/>
            <xs:element name="ZipCode" type="mailxml_base:ns05"
minOccurs="0"/>

```

```

        <xs:element name="SequenceNumber" type="xs:integer"
minOccurs="0"/>
        <xs:element name="ApplyingForSelf"
type="mailxml_base:yesNo"/>
        <xs:element name="LegalAcknowledgementBlock"
type="mailxml_id:legalAcknowledgementBlockMIDType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--=== MID Query Response Type ===-->
<xs:complexType name="midQueryResponseType">
    <xs:sequence>
        <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
        <xs:element name="CustomerCRID"
type="mailxml_base:CRIDType"/>
        <xs:element name="CustomerName"
type="mailxml_base:s50" minOccurs="0"/>
        <xs:element name="PermitPublicationData"
type="mailxml_defs:permitPublicationDataType" minOccurs="0"/>
        <xs:element name="CompanyHQIndicator"
type="mailxml_base:yesNo" minOccurs="0"/>
        <xs:element name="Address1" type="mailxml_base:s64"
minOccurs="0"/>
        <xs:element name="Address2" type="mailxml_base:s64"
minOccurs="0"/>
        <xs:element name="City" type="mailxml_base:s50"
minOccurs="0"/>
        <xs:element name="State" type="mailxml_base:s02"
minOccurs="0"/>
        <xs:element name="ZipCode" type="mailxml_base:ns05"
minOccurs="0"/>
        <xs:element name="SequenceNumber" type="xs:integer"
minOccurs="0"/>
        <xs:element name="MID" type="mailxml_defs:MIDType"
minOccurs="1" maxOccurs="unbounded"/>
        <xs:element name="ApplyingForSelf"
type="mailxml_base:yesNo"/>
        <xs:element name="LegalAcknowledgementBlock"
type="mailxml_id:legalAcknowledgementBlockMIDType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

</xs:schema>

```

5 mailxml_sc.xsd (Supply Chain Messages)

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:mailxml_defs="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/mailxml_defs"
xmlns:mailxml_base="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/base"
xmlns:mailxml_sc="http://idealliance.org/maildat/Specs/md091/mailxml9.0
/mailxml_sc"
targetNamespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/
mailxml_sc"
elementFormDefault="qualified" attributeFormDefault="qualified"
version="mailxml90060710">

<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/base"
schemaLocation="mailxml_base_9DRAFT.xsd"/>
<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/mailxm
l_defs" schemaLocation="mailxml_defs_9DRAFT.xsd"/>

<!--Copyright 2000-2010 International Digital Enterprise Alliance,
Inc. (IDEAlliance). All rights reserved by the Copyright
wner under the laws of the United States. For support, more
information, or to report implementation bugs, please contact
IDEAlliance at
www.idealliance.org.-->

<xs:annotation>
<xs:documentation>
This module contains the Supply Chain messages of MailXML. It contains
elements and
complexTypes that are used exclusively by the Supply Chain messages.

Common attributes, elements and complexTypes are included from the
commonDefs module.
Common simpleTypes are included from the base module.
+++++
MailXML 9.0 CRS
IB 21: Add TrackingID to all Responses

</xs:documentation>
</xs:annotation>

<!--==== Supply Chain Messages =====>
<!-- -->
<!-- ===== -->

<!--==== Original Container Linkage Messages =====>
<!-- -->
<!-- ===== -->

<!-- complexTypes used in these messages -->

```

```

<!--=== Linkage Type ===-->
<xs:complexType name="linkageType">
  <xs:sequence>
    <xs:element name="OriginalContainer"
type="mailxml_sc:linkingContainerIDType"/>
    <xs:element name="LinkedContainer"
type="mailxml_sc:linkingContainerIDType"/>
  </xs:sequence>
</xs:complexType>

<!--=== Linking Container ID Type ===-->
<xs:complexType name="linkingContainerIDType">
  <xs:choice>
    <xs:element name="MaildatContainer"
type="mailxml_defs:maildatContainerIDType"/>
    <xs:element name="MailXMLContainer"
type="mailxml_defs:MailXMLContainerIDType"/>
    <xs:element name="ContainerBarcode"
type="mailxml_base:container24CharacterBarcodeType"/>
  </xs:choice>
</xs:complexType>

<!--=== Original container Linkage Cancel Request ===-->
<xs:element name="OriginalContainerLinkageCancelRequest">
  <xs:annotation>
    <xs:documentation>Request to cancel the link between
an original container to a sibling container.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
      <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
      <xs:element name="CancelLinkage"
type="mailxml_sc:linkageType" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attributeGroup ref="mailxml_defs:MailXMLHeaderInfo"/>
  </xs:complexType>
</xs:element>

<!--=== Original container Linkage Cancel Response ===-->
<xs:element name="OriginalContainerLinkageCancelResponse">
  <xs:annotation>
    <xs:documentation>Response to the request to cancel
the link between an original container to a sibling
container.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        <xs:element
name="OriginalContainerLinkageCancelAccept">
        <xs:annotation>
            <xs:documentation></xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="CancelLinkage"
type="mailxml_sc:linkageType" maxOccurs="unbounded"/>
                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
        </xs:complexType>
    </xs:element>
    <xs:element
name="OriginalContainerLinkageCancelReject">
        <xs:annotation>
            <xs:documentation></xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence maxOccurs="unbounded">
                <xs:element name="CancelLinkage"
type="mailxml_sc:linkageType"/>
                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
        </xs:complexType>
    </xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--== Original Container Linkage Create Request ==-->
<xs:element name="OriginalContainerLinkageCreateRequest">
    <xs:annotation>
        <xs:documentation>Request to link an original
container with a sibling container.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="CreateLinkage"
type="mailxml_sc:linkageType" maxOccurs="unbounded"/>
        </xs:sequence>
        <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
    </xs:complexType>
</xs:element>

```

```

<!--=== Original Container Linkage Create Response ===-->
<xs:element name="OriginalContainerLinkageCreateResponse">
  <xs:annotation>
    <xs:documentation>Response to the request to link an
original container with a sibling container.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
      <xs:choice>
        <xs:element name="LinkedContainerCreateAccept">
          <xs:annotation>
            <xs:documentation></xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="LinkageCreated"
type="mailxml_sc:linkageType" maxOccurs="unbounded"/>
              <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0" />
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
          </xs:complexType>
        </xs:element>
        <xs:element name="LinkedContainerCreateReject">
          <xs:annotation>
            <xs:documentation></xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence maxOccurs="unbounded">
              <xs:element name="LinkageRejected"
type="mailxml_sc:linkageType"/>
              <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" />
            </xs:sequence>
            <xs:attributeGroup
ref="mailxml_defs:MailXMLHeaderInfo"/>
          </xs:complexType>
        </xs:element>
      </xs:choice>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<!--=== Postage Adjustment Messages ===-->
<!-- -->
<!-- ===== -->

<!--=== Postage Adjustment Create Request===-->
<xs:element name="PostageAdjustmentCreateRequest">
  <xs:annotation>

```

```

        <xs:documentation>Request to create a postage
adjustment.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:choice>
                <xs:sequence>
                    <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                    <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                    <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
                </xs:sequence>
            </xs:choice>
            <xs:element name="PostageAdjustment"
maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element
name="PostageAdjustmentUserID" type="mailxml_base:s12"/>
                            <xs:element
name="StatementID" type="xs:nonNegativeInteger"/>
                            <xs:element name="RateType"
type="mailxml_base:rateType" minOccurs="0"/>
                            <xs:element
name="AdjustmentDate" type="xs:date"/>
                            <xs:element
name="AdjustmentType" type="mailxml_base:adjustmentType"/>
                            <xs:element
name="AdjustmentAmount" type="xs:double"/>
                            <xs:element
name="CreditDebitIndicator" type="mailxml_base:creditDebitIndicator"/>
                            <xs:element
name="TotalPiecesAffected" type="xs:nonNegativeInteger"/>
                            <xs:element
name="UserComments" type="mailxml_base:s20" minOccurs="0"/>
                            <xs:element
name="UserPostageStatementID" type="mailxml_base:s10" minOccurs="0"/>
                            <xs:element
name="AdjustmentStatus" type="mailxml_base:adjustmentStatusType"
minOccurs="0"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--== Postage Adjustment Create Response ==-->
<xs:element name="PostageAdjustmentCreateResponse">
    <xs:annotation>
        <xs:documentation>Response to a request to create a
postage adjustment.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice>
                    <xs:element
name="PostageAdjustmentCreateAccept">
                        <xs:annotation>

                            <xs:documentation></xs:documentation>
                                </xs:annotation>
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:choice>
                                                <xs:sequence>
                                                    <xs:element
name="UserLicenseCode" type="mailxml_base:userLicenseCodeType"/>
                                                        <xs:element
name="MaildatJobID" type="mailxml_base:jobIDType"/>
                                                            </xs:sequence>
                                                                <xs:sequence>
                                                                    <xs:element
name="CustomerGroupID" type="mailxml_base:s25"/>
                                                                        <xs:element
name="MailingGroupID" type="xs:nonNegativeInteger"/>
                                                                            </xs:sequence>
                                                                                </xs:choice>
                                                                                    <xs:sequence>
                                                                                        <xs:element
name="PostageAdjustmentUserID" type="mailxml_base:s12"/>
                                                                                            <xs:element
name="UserPostagestatementID" type="mailxml_base:s10" minOccurs="0"/>
                                                                                                <xs:element
name="StatementID" type="xs:nonNegativeInteger"/>
                                                                                                    <xs:element
name="ReturnInfo" type="mailxml_defs:basicReturnInfoType"
minOccurs="0"/>
                                                                                                        </xs:sequence>
                                                                                                            </xs:sequence>
                                                                                                                </xs:complexType>
                                                                                                                    </xs:element>
                                                                                                                        <xs:element
name="PostageAdjustmentCreateReject">
                                                                <xs:annotation>

```

```

        <xs:documentation></xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:choice>
                    <xs:sequence>
                        <xs:element
name="UserLicenseCode" type="mailxml_base:userLicenseCodeType"/>
                        <xs:element
name="MaildatJobID" type="mailxml_base:jobIDType"/>
                    </xs:sequence>
                    <xs:sequence>
                        <xs:element
name="CustomerGroupID" type="mailxml_base:s25"/>
                        <xs:element
name="MailingGroupID" type="xs:nonNegativeInteger"/>
                    </xs:sequence>
                </xs:choice>
            </xs:sequence>
        </xs:complexType>
        maxOccurs="unbounded">
            <xs:element
name="PostageAdjustmentUserID" type="mailxml_base:s12"/>
            <xs:element
name="ReturnInfo" type="mailxml_defs:basicReturnInfoType"/>
        </xs:sequence>
    </xs:sequence>
</xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

<!--==== Sibling Container Messages =====>
<!-- -->
<!-- ===== -->

<!--==== Sibling container Cancel Request =====>
<xs:element name="SiblingContainerCancelRequest">
    <xs:annotation>
        <xs:documentation>Request to cancel a sibling
container.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:element name="OriginalContainer"
type="mailxml_defs:fullContainerIDType"/>
            <xs:element name="SiblingToDelete"
type="mailxml_defs:fullContainerIDType" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

        </xs:complexType>
    </xs:element>

    <!--=== Sibling container Cancel Response ===-->
    <xs:element name="SiblingContainerCancelResponse">
        <xs:annotation>
            <xs:documentation>Response to a request to cancel a
sibling container.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
                <xs:choice maxOccurs="unbounded">
                    <xs:element
name="SiblingContainerCancelAccept">
                        <xs:annotation>
                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element
name="CancelledSiblingContainer"
type="mailxml_defs:fullContainerIDType"/>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                    <xs:element
name="SiblingContainerCancelReject">
                        <xs:annotation>
                            <xs:documentation></xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element
name="SiblingToDelete" type="mailxml_defs:fullContainerIDType"/>
                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                </xs:choice>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

    <!--=== Sibling Container Create Request ===-->
    <xs:element name="SiblingContainerCreateRequest">
        <xs:annotation>
            <xs:documentation>Request to create a uniquely
identified sibling container by adding a sibling container to an
existing Mail.dat.</xs:documentation>
        </xs:annotation>
        <xs:complexType>

```

```

        <xs:sequence>
            <xs:element name="SubmittingParty"
type="mailxml_defs:participantIDType"/>
            <xs:element name="SubmittingSoftware"
type="mailxml_defs:submittingSoftwareType"/>
            <xs:sequence>
                <xs:element name="OriginalContainer"
type="mailxml_defs:fullContainerIDType"/>
            </xs:sequence>
            <xs:sequence maxOccurs="unbounded">
                <xs:element name="NewSiblingContainer"
type="mailxml_defs:fullContainerIDType"/>
                <xs:element name="ContainerType"
type="mailxml_base:mailXMLContainerType" minOccurs="0"/>
            </xs:sequence>
        </xs:sequence>
    </xs:complexType>
</xs:element>

<!--== Sibling Container Create Response ==-->
<xs:element name="SiblingContainerCreateResponse">
    <xs:annotation>
        <xs:documentation>Response to a request to create a
uniquely identified sibling container by adding a sibling container to
an existing Mail.dat</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TrackingID" type="mailxml_base:s12"
minOccurs="0" />
            <xs:choice maxOccurs="unbounded">
                <xs:element
name="SiblingContainerCreateAccept">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element
name="AcceptedSiblingContainer"
type="mailxml_defs:fullContainerIDType"/>
                            <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType" minOccurs="0"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element
name="SiblingContainerCreateReject">
                    <xs:annotation>
                        <xs:documentation></xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element
name="RejectedSiblingContainer"
type="mailxml_defs:fullContainerIDType"/>

```

```

                                <xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                </xs:choice>
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>

</xs:schema>
```

6 mailxml_base.xsd (Simple Type Definitions)

```

<?xml version="1.0" encoding="UTF-8"?>
<!--Generated by Turbo XML 2.3.1.100. Conforms to w3c
http://www.w3.org/2001/XMLSchema-->
<xs:schema
targetNamespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/
base"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:mailxml_base="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/base"
elementFormDefault="qualified" attributeFormDefault="unqualified"
version="MAILxmlBase90060710">

<!-- This version of mailxml base was developed for Mail9.0.      -->
<!-- It includes updates from Mail8.1                             -->

<!--Copyright 2000-2010 International Digital Enterprise Alliance,
Inc. (IDEAlliance).
All rights reserved by the Copyright Owner under the laws of the United
States. For support, more information,
or to report implementation bugs, please contact IDEAlliance at
www.idealliance.org.-->

<xs:annotation>
<xs:documentation>
+++++
MailXML 9.0 changes
CR 001: add placeholders to support pricing initiatives for
qualificationReportClassType
CR 002: add placeholders to support pricing initiatives for rateType
CR 003: add placeholders to support pricing initiatives for
sortationLevelType
CR 004: add placeholders to support pricing initiatives for
surchargeType
CR 005: add place holder for new content types needed for pricing
initiatives
CR 006: add placeholders to support pricing initiatives for
entryFacilityType and entryDiscountType
CR 009: add placeholder for new package unique characteristics types to
support pricing initiatives
DA 19: add deliveryPointZipCode simple type for future use
CR 07: add USPS priceIncentive elements for future use

+++++
</xs:documentation>
</xs:annotation>

<!-- ++++++----->

<!--====                      =====                      ----->
<!--====          GLOBAL SIMPLE TYPE DEFINITIONS          ----->
<!--====                      =====                      ----->
<!--====                      =====                      ----->

```

```

<!--====simpleType A====>
<!--      -->
<!--      =====      -->

<!--====      Action Code Type      ---->
<!--====      v5.0 dk      CR 148      ---->
  <xs:simpleType name="actionCodeType">
    <xs:annotation><xs:documentation>Action Code for
USPS</xs:documentation></xs:annotation>
    <xs:restriction base="xs:string">
      <xs:enumeration value="F"/>
      <xs:enumeration value="W"/>
      <xs:enumeration value="R"/>
      <xs:enumeration value="U"/>
    </xs:restriction>
  </xs:simpleType>

<!--====  Additional In Home Range Type ---->
<!--====  mail.dat element      ---->
<xs:simpleType name="additionalInHomeRangeType">
  <xs:restriction base="mailxml_base:n01"/>
</xs:simpleType>

<!--====      Address Correction Move      ---->
<!--====      v5.0 dk      CR 148      ---->
<xs:simpleType name="addressCorrectionMoveType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="F"/>
    <xs:enumeration value="I"/>
    <xs:enumeration value="B"/>
  </xs:restriction>
</xs:simpleType>

<!--====      Adjustment Status (postage statement)      ---->
<!--====      v5.0 dk      CR 120      ---->
<xs:simpleType name="adjustmentStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="R"/>
    <xs:enumeration value="X"/>
    <xs:enumeration value="C"/>
    <xs:enumeration value="P"/>
    <xs:enumeration value="T"/>
  </xs:restriction>
</xs:simpleType>

<!--====      Adjustment Type (postage statement)      ---->
<!--====      v5.0 dk      CR 120      ---->
<xs:simpleType name="adjustmentType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
  </xs:restriction>
</xs:simpleType>

```

```

        <xs:enumeration value="4"/>
    </xs:restriction>
</xs:simpleType>

<!-- Agency Cost Code -->
<!--=== v5.0 dk ===-->
<xs:simpleType name="agencyCostCodeType">
    <xs:restriction base="xs:string">
        <xs:pattern value="[0-9]{5}|[0-9]{6}"/>
        <!-- Must be numeric, can start with leading zeros
and can be 5 or 6 digits long -->
    </xs:restriction>
</xs:simpleType>

<!--=== appt Method type from TM === -->
<xs:simpleType name="apptMethodType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Online"/>
        <xs:enumeration value="Phone"/>
        <xs:enumeration value="Webservices - Detail"/>
        <xs:enumeration value="Webservices - No Detail"/>
    </xs:restriction>
</xs:simpleType>

<!--=== Appt State Type from TM ===-->
<xs:simpleType name="apptStateType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Scheduled"/>
        <xs:enumeration value="Arrived"/>
        <xs:enumeration value="ApptValidated"/>
        <xs:enumeration value="WaitingToBeUnloaded"/>
        <xs:enumeration value="Unloading"/>
        <xs:enumeration value="FinishedUnloading"/>
        <xs:enumeration value="ResolvingProblems"/>
        <xs:enumeration value="Rejected"/>
        <xs:enumeration value="Closed"/>
    </xs:restriction>
</xs:simpleType>

<!--=== AppointmentStatusType ===-->
<xs:simpleType name="apptStatusType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Open"/>
        <xs:enumeration value="Closed"/>
        <xs:enumeration value="No Show"/>
        <xs:enumeration value="Unscheduled"/>
        <xs:enumeration value="Rejected"/>
    </xs:restriction>
</xs:simpleType>

<!--=== appt Type from TM ===-->
<xs:simpleType name="apptTypeType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Pallet"/>
        <xs:enumeration value="DropAndPick"/>

```

```

        <xs:enumeration value="Speedline"/>
        <xs:enumeration value="Bedload"/>
    </xs:restriction>
</xs:simpleType>

<!--====simpleType B====>
<!--      -->
<!--      =====      -->

<!-- Barcode Rate Code  -->
<!--====      v9.0 dk      CR 002      =====>
<xs:simpleType name="barcodeRateType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Y"/>
        <xs:enumeration value="N"/>
        <xs:enumeration value="O"/>
    </xs:restriction>
</xs:simpleType>

<!-- Bill Reason Code  -->
<!-- M Mailpiece does meet mail quality standards
      F Mailpiece is not Full Service compliant.
      E Free period for the mailpiece has expired.
      N Mailpiece is Unassociated but has a Full Service STID
-->
<!--====      v8.1 dk      =====>
<xs:simpleType name="billReasonCodeType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="E"/>
        <xs:enumeration value="F"/>
        <xs:enumeration value="M"/>
        <xs:enumeration value="N"/>
    </xs:restriction>
</xs:simpleType>

<!--====      Bundle Detail Level Type      =====>
<!--====      v5.0 dk      CR 130      =====>
<!--==== v6.0 dk Comment SM12      =====>
<xs:simpleType name="bundleDetailLevelType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="A"/>
        <xs:enumeration value="B"/>
        <xs:enumeration value="C"/>
        <xs:enumeration value="D"/>
        <xs:enumeration value="E"/>
        <xs:enumeration value="F"/>
        <xs:enumeration value="G"/>
        <xs:enumeration value="H"/>
        <xs:enumeration value="I"/>
        <xs:enumeration value="J"/>
        <xs:enumeration value="K"/>
        <xs:enumeration value="L"/>
        <xs:enumeration value="M"/>
        <xs:enumeration value="N"/>
        <xs:enumeration value="O"/>
    </xs:restriction>
</xs:simpleType>

```

```

        <xs:enumeration value="P"/>
        <xs:enumeration value="Q"/>
        <xs:enumeration value="R"/>
        <xs:enumeration value="S"/>
        <xs:enumeration value="T"/>
        <xs:enumeration value="U"/>
        <xs:enumeration value="V"/>
        <xs:enumeration value="W"/>
    </xs:restriction>
</xs:simpleType>

<!--==== Bundle Record Status Type =====>
<!--==== v5.0 dk CR 130 =====>
<xs:simpleType name="bundleRecordStatusType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="O"/>
        <xs:enumeration value="D"/>
        <xs:enumeration value="I"/>
        <xs:enumeration value="U"/>
    </xs:restriction>
</xs:simpleType>

<!--==== Bundle Status Type (postage statement) =====>
<!--==== v5.0 dk CR 130 =====>
<xs:simpleType name="bundleStatusType">
    <xs:restriction base="xs:string">
        <xs:enumeration value=" "/>
        <xs:enumeration value="C"/>
    </xs:restriction>
</xs:simpleType>

<!--====simpleType C=====>
<!-- -->

<!--==== Chargeable Bundle Level =====>
<!--==== v5.0 dk CR 177 =====>
<xs:simpleType name="chargeableBundleLevelType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="3"/>
        <xs:enumeration value="5"/>
        <xs:enumeration value="A"/>
        <xs:enumeration value="C"/>
        <xs:enumeration value="F"/>
        <xs:enumeration value="M"/>
    </xs:restriction>
</xs:simpleType>

<!--==== Chargeable Container Type =====>
<!--==== v7.0 dk SM 77 =====>
<xs:simpleType name="chargeableContainerType">

```

```

        <xs:restriction base="xs:string">
            <xs:enumeration value="Sacks-Trays"/>
            <xs:enumeration value="Pallets"/>
        </xs:restriction>
    </xs:simpleType>

<!--==== Chargeable Container Level  ===-->
<!--==== v5.0 dk CR 177  ===-->
<xs:simpleType name="chargeableContainerLevelType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="3"/>
        <xs:enumeration value="5"/>
        <xs:enumeration value="A"/>
        <xs:enumeration value="M"/>
    </xs:restriction>
</xs:simpleType>

<!--==== Chargeable Entry Level  ===-->
<!--==== v5.0 dk CR 177  ===-->
<xs:simpleType name="chargeableEntryLevelType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="B"/>
        <xs:enumeration value="C"/>
        <xs:enumeration value="D"/>
        <xs:enumeration value="J"/>
        <xs:enumeration value="K"/>
        <xs:enumeration value="O"/>
        <xs:enumeration value="R"/>
        <xs:enumeration value="S"/>
    </xs:restriction>
</xs:simpleType>

<!--==== Class Notification  ===-->
<!--==== v5.0 dk CR 148  ===-->
<xs:simpleType name="classNotificationType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="A"/>
        <xs:enumeration value="B"/>
        <xs:enumeration value="C"/>
        <xs:enumeration value="D"/>
        <xs:enumeration value="F"/>
    </xs:restriction>
</xs:simpleType>

<!--==== Closeout Irregularities Type == CR 77 v2.1 dk from TM-->
<!--====v4.0 comment 14 move DUE and CAPC to exemptionCodeType ==
->

<!--==== v5.0 dk CR 162  ===-->
<!-- B = Broken Pallets
    C = Container Counts dont match 8125
    D = Damaged Mail
    DR = Driver Refused to Assist
    G = Good
    IA = Improper Appt Type
    IM = Improper Mail Class

```

I = Improper Mail Makeup
 IF = Incorrect Mail Facility
 L = Load Unsafe
 M = Mailings not separated by 8125
 MI = Miscellaneous
 NP = Missing Paperwork
 O = Other
 OW = Overweight Pallets
 NM = Package on BMC non-Machinable
 P = Pallets Too Tall
 VS = Vehicle Size
 CP = Courtesy Pallet
 CM = Containers do not match 8017
 SM = Separations do not match 8017 -->

```

<!--=== V5.0 DK CR 162      ===-->
<xs:simpleType name="closeoutIrregularitiesType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="B"/>
    <xs:enumeration value="C"/>
    <xs:enumeration value="D"/>
    <xs:enumeration value="DR"/>
    <xs:enumeration value="G"/>
    <xs:enumeration value="IA"/>
    <xs:enumeration value="IM"/>
    <xs:enumeration value="I"/>
    <xs:enumeration value="IF"/>
    <xs:enumeration value="L"/>
    <xs:enumeration value="M"/>
    <xs:enumeration value="MI"/>
    <xs:enumeration value="NP"/>
    <xs:enumeration value="O"/>
    <xs:enumeration value="OW"/>
    <xs:enumeration value="NM"/>
    <xs:enumeration value="P"/>
    <xs:enumeration value="VS"/>
    <xs:enumeration value="CP"/>
    <xs:enumeration value="CM"/>
    <xs:enumeration value="SM"/>
  </xs:restriction>
</xs:simpleType>

<!--=== communication Role from TM===-->
<xs:simpleType name="communicationRoleType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="From"/>
    <xs:enumeration value="To"/>
    <xs:enumeration value="CC"/>
  </xs:restriction>
</xs:simpleType>

<!--=== Consignee Content ID Type ===-->
<!--=== v7.0A dk SM 4      ===-->
<xs:simpleType name="consigneeContentIDType">
  <xs:restriction base="mailxml_base:s09"/>
</xs:simpleType>

```

```

<!--=== contact type from TM===-->
<xs:simpleType name="contactType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="AccountManager"/>
    <xs:enumeration value="Carrier"/>
    <xs:enumeration value="CrossDock"/>
    <xs:enumeration value="CustomerService"/>
    <xs:enumeration value="HelpDesk"/>
    <xs:enumeration value="DropShipCoordinator"/>
    <xs:enumeration value="ApptCoordinator"/>
    <xs:enumeration value="Plant"/>
    <xs:enumeration value="InboundFreightCoordinator"/>
    <xs:enumeration value="SalesOffice"/>
    <xs:enumeration value="TruckDriver"/>
    <xs:enumeration value="Warehouse"/>
    <xs:enumeration value="Other"/>
  </xs:restriction>
</xs:simpleType>

<!--=== Container Bundle Status      ===-->
<!--=== v5.0 dk CR 177              ===-->
<xs:simpleType name="containerBundleStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="-1"/>
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
  </xs:restriction>
</xs:simpleType>

<!--=== container 24 char bar code from PDR ===-->
<xs:simpleType name="container24CharacterBarcodeType">
  <xs:restriction base="xs:string">
    <xs:maxLength value="24"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<!--=== Container Acceptance Date Type ===-->
<!--=== mail.dat element              ===-->
<xs:simpleType name="containerAcceptanceDateType" >
  <xs:restriction base="xs:date"/>
</xs:simpleType>

<!--=== Container Charge Container Level===-->
<!--=== v5.0 dk CR 148                ===-->
<xs:simpleType name="cccLevelType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="3"/>
    <xs:enumeration value="5"/>
    <xs:enumeration value="A"/>
    <xs:enumeration value="M"/>
  </xs:restriction>
</xs:simpleType>

```

```

        </xs:restriction>
    </xs:simpleType>

    <!--=== Container Gross Weight Type ===-->
    <!--=== mail.dat element ===-->
    <xs:simpleType name="containerGrossWeightType">
        <xs:restriction base="mailxml_base:s05"/>
    </xs:simpleType>

    <!--=== Container Height Type ===-->
    <!--=== mail.dat element ===-->
    <xs:simpleType name="containerHeightType">
        <xs:restriction base="mailxml_base:n03"/>
    </xs:simpleType>

    <!--=== Container Level Type ===-->
    <!--=== CR 123 v3.0 DK to Sync with Mail.dat 8.2)
        AJ= single piece ===-->
    <!--=== v7.0 dk SM 29 ===-->
    <!--=== V9.0 DK SS 002 ===-->
    <xs:simpleType name="containerLevelType">
        <xs:restriction base="xs:string">
            <xs:enumeration value="A"/>
            <xs:enumeration value="B"/>
            <xs:enumeration value="C"/>
            <xs:enumeration value="D"/>
            <xs:enumeration value="G"/>
            <xs:enumeration value="H"/>
            <xs:enumeration value="I"/>
            <xs:enumeration value="J"/>
            <xs:enumeration value="K"/>
            <xs:enumeration value="M"/>
            <xs:enumeration value="N"/>
            <xs:enumeration value="P"/>
            <xs:enumeration value="Q"/>
            <xs:enumeration value="R"/>
            <xs:enumeration value="S"/>
            <xs:enumeration value="T"/>
            <xs:enumeration value="U"/>
            <xs:enumeration value="V"/>
            <xs:enumeration value="W"/>
            <xs:enumeration value="X"/>
            <xs:enumeration value="Y"/>
            <xs:enumeration value="Z"/>
            <xs:enumeration value="AA"/>
            <xs:enumeration value="AB"/>
            <xs:enumeration value="AC"/>
            <xs:enumeration value="AD"/>
            <xs:enumeration value="AE"/>
            <xs:enumeration value="AF"/>
            <xs:enumeration value="AG"/>
            <xs:enumeration value="AH"/>
            <xs:enumeration value="AI"/>
            <xs:enumeration value="AJ"/>
            <xs:enumeration value="AK"/>
            <xs:enumeration value="AL"/>
        </xs:restriction>
    </xs:simpleType>

```

```

        <xs:enumeration value="AM"/>
        <xs:enumeration value="AN"/>
        <xs:enumeration value="AO"/>
        <xs:enumeration value="AP"/>
        <xs:enumeration value="AQ"/>
        <xs:enumeration value="BA"/>
        <xs:enumeration value="BB"/>
        <xs:enumeration value="BC"/>
        <xs:enumeration value="BD"/>
        <xs:enumeration value="BE"/>
        <xs:enumeration value="BF"/>
        <xs:enumeration value="BG"/>
        <xs:enumeration value="BH"/>
        <xs:enumeration value="BI"/>
        <xs:enumeration value="BJ"/>
        <xs:enumeration value="BK"/>
        <xs:enumeration value="BL"/>
        <xs:enumeration value="BM"/>

    </xs:restriction>
</xs:simpleType>

<!--==== Container Pickup Date Type =====>
<!--==== mail.dat element =====>
<xs:simpleType name="containerPickupDateType" >
    <xs:restriction base="xs:date"/>
</xs:simpleType>

<!--==== Container Pickup Time Type =====>
<!--==== mail.dat element =====>
<xs:simpleType name="containerPickupTimeType" >
    <xs:restriction base="xs:time"/>
</xs:simpleType>

<!--==== Container Ship Date Type =====>
<!--==== mail.dat element =====>
<xs:simpleType name="containerShipDateType" >
    <xs:restriction base="xs:date"/>
</xs:simpleType>

<!--==== Container Ship Time Type =====>
<!--==== mail.dat element =====>
<xs:simpleType name="containerShipTimeType" >
    <xs:restriction base="xs:time"/>
</xs:simpleType>

<!--==== Container Height Source Type =====>
<xs:simpleType name="containerHeightSourceType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="A"/>
        <xs:enumeration value="E"/>
    </xs:restriction>
</xs:simpleType>

```

```

<!--== Container Status      ==-->
<xs:simpleType name="containerStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Accepted"/>
    <xs:enumeration value="OnHold"/>
    <xs:enumeration value="Rejected"/>
  </xs:restriction>
</xs:simpleType>

<!-- This simple type was created for v9.0 as a place holder for
new content types, CR 513      ==-->
<!--== Content of Mail Type  ==-->
<xs:simpleType name="contentOfMailType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="TBD_1"/>
    <xs:enumeration value="TBD_2"/>
    <xs:enumeration value="TBD_3"/>
    <xs:enumeration value="TBD_4"/>
    <xs:enumeration value="TBD_5"/>
    <xs:enumeration value="TBD_6"/>
    <xs:enumeration value="TBD_7"/>
    <xs:enumeration value="TBD_8"/>
    <xs:enumeration value="TBD_9"/>
    <xs:enumeration value="TBD_10"/>
  </xs:restriction>
</xs:simpleType>

<!--== CQTdatabaseIDType from PDR ==-->
<xs:simpleType name="CQTdatabaseIDType">
  <xs:restriction base="xs:nonNegativeInteger">
    <xs:totalDigits value="8"/>
    <xs:whiteSpace value="collapse"/>
  </xs:restriction>
</xs:simpleType>

<!--==      Credit Debit Indicator Type      ==-->
<!--==      v5.0 dk      CR 120      ==-->
<xs:simpleType name="creditDebitIndicator">
  <xs:restriction base="xs:string">
    <xs:enumeration value="C"/>
    <xs:enumeration value="D"/>
  </xs:restriction>
</xs:simpleType>

<!--== cRIDType      ==-->
<!--== v7.0 dk SM_19      ==-->
<xs:simpleType name="CRIDType">
  <xs:restriction base="xs:string">
    <xs:maxLength value="15"/>
    <xs:minLength value="1"/>
  </xs:restriction>
</xs:simpleType>

```

```

        <xs:pattern value="([0-9])+"/>
    </xs:restriction>
</xs:simpleType>

<!--=== cRIDTStatusType      ===-->
<!--== v7.0 dk AOG 09      ===-->
<xs:simpleType name="cRIDTStatusType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="New"/>
        <xs:enumeration value="Existing"/>
    </xs:restriction>
</xs:simpleType>

<!--===      CSA Template      ===-->
<!--===      v5.0 dk      CR 198      ===-->
<!--
    PVDS-PER = Periodicals Plant Verified Drop Shipment
    DMU-C = DMU Verified Customer Transported
    DMU-P = DMU Verified Postal Transported
    BMEU = BMEU Verified
    UPVDS-PER = Unscheduled Periodicals Plant Verified Drop
Shipment
    UDMU-C = Unscheduled DMU Verified Customer Transported
    UDMU-P = Unscheduled DMU Verified Postal Transported
    UBMEU = Unscheduled BMEU Verified
    U = Unscheduled
-->
<xs:simpleType name="csaTemplateType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="PVDS-PER"/>
        <xs:enumeration value="DMU-C"/>
        <xs:enumeration value="DMU-P"/>
        <xs:enumeration value="BMEU"/>
        <xs:enumeration value="UPVDS-PER"/>
        <xs:enumeration value="UDMU-C"/>
        <xs:enumeration value="UDMU-P"/>
        <xs:enumeration value="UBMEU"/>
        <xs:enumeration value="U"/>
    </xs:restriction>
</xs:simpleType>

<!--===      CSA Status      ===-->
<!--===      v5.0 dk      CR 198      ===-->
<!--
    ACT = Active
    PEN = Pending
    INACT = Inactive
    INCOMP = Incomplete
    PREAPP = Pre-Approval
-->
<xs:simpleType name="csaStatusType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="ACT"/>
        <xs:enumeration value="PEN"/>
        <xs:enumeration value="INACT"/>

```

```

        <xs:enumeration value="INCOMP"/>
        <xs:enumeration value="PREAPP"/>
    </xs:restriction>
</xs:simpleType>

<!--      =====      -->
<!--=====simpleType D =====>
<!--      =====      -->
<!--      =====      -->

<!--===== Database Container ID Type =====>
<xs:simpleType name="databaseContainerIDType">
    <xs:restriction base="xs:nonNegativeInteger">
        <xs:totalDigits value="6"/>
    </xs:restriction>
</xs:simpleType>

<!--===== Day Frequency =====>
<xs:simpleType name="dayFrequencyType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Daily"/>
        <xs:enumeration value="Monday"/>
        <xs:enumeration value="Tuesday"/>
        <xs:enumeration value="Wednesday"/>
        <xs:enumeration value="Thursday"/>
        <xs:enumeration value="Friday"/>
        <xs:enumeration value="Saturday"/>
        <xs:enumeration value="Sunday"/>
    </xs:restriction>
</xs:simpleType>

<!--===== Days of Week =====>
<!--===== v5.0 dk CR 198 =====>
<!--
    MON = Monday
    TUE = Tuesday
    WED = Wednesday
    THU = Thursday
    FRI = Friday
    SAT = Saturday
    SUN = Sunday
    MF = Monday through Friday
    ALL = All Days
    H   = Holidays
    MS  = Monday thru Saturday
-->
<xs:simpleType name="daysOfWeekType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="MON"/>
        <xs:enumeration value="TUE"/>
        <xs:enumeration value="WED"/>
        <xs:enumeration value="THU"/>
        <xs:enumeration value="FRI"/>
        <xs:enumeration value="SAT"/>
        <xs:enumeration value="SUN"/>
    </xs:restriction>
</xs:simpleType>

```

```

        <xs:enumeration value="MF"/>
        <xs:enumeration value="MS"/>
        <xs:enumeration value="ALL"/>
        <xs:enumeration value="H"/>
    </xs:restriction>
</xs:simpleType>

<!--=== Decimal datatypes ===-->
<xs:simpleType name="dec18-8">
    <xs:restriction base="xs:decimal">
        <xs:totalDigits value="18"/>
        <xs:fractionDigits value="8"/>
    </xs:restriction>
</xs:simpleType>

<!--=== Deliverability Code ===-->
<xs:simpleType name="deliverabilityCodeType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="K"/>
        <xs:enumeration value="G"/>
        <xs:enumeration value="W"/>
    </xs:restriction>
</xs:simpleType>

<!--=== Delivery Point Zip ===-->
<xs:simpleType name="deliveryPointZIP">
    <xs:restriction base="xs:string">
        <xs:pattern value="[0-9]{5}|[0-9]{9}|[0-9]{11}"/>
    </xs:restriction>
</xs:simpleType>

<!--===simpleType E ===-->
<!-- -->
<!-- ===== -->

<!-- Email Type -->
<xs:simpleType name="emailType">
    <xs:restriction base="xs:string"/>
</xs:simpleType>

<!-- Enclosed By Type -->
<xs:simpleType name="enclosedByType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="SM"/>
        <xs:enumeration value="BP"/>
        <xs:enumeration value="PE"/>
        <xs:enumeration value="PP"/>
        <xs:enumeration value="ML"/>
    </xs:restriction>
</xs:simpleType>

<!-- Entry Discount Type -->
<!--=== v9.0 dk CR 006 added TBD placeholders ===-->

```

```

<xs:simpleType name="entryDiscountType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="N"/>
    <xs:enumeration value="B"/>
    <xs:enumeration value="S"/>
    <xs:enumeration value="D"/>
    <xs:enumeration value="A"/>
    <xs:enumeration value="TBD_1"/>
    <xs:enumeration value="TBD_2"/>
    <xs:enumeration value="TBD_3"/>
    <xs:enumeration value="TBD_4"/>
    <xs:enumeration value="TBD_5"/>
    <xs:enumeration value="TBD_6"/>
    <xs:enumeration value="TBD_7"/>
    <xs:enumeration value="TBD_8"/>
    <xs:enumeration value="TBD_9"/>
    <xs:enumeration value="TBD_10"/>
  </xs:restriction>
</xs:simpleType>

<!-- Entry Facility Type -->
<!--=== v9.0 dk CR 006 added TBD place holders ===->
<xs:simpleType name="entryFacilityType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="O"/>
    <xs:enumeration value="B"/>
    <xs:enumeration value="S"/>
    <xs:enumeration value="D"/>
    <xs:enumeration value="A"/>
    <xs:enumeration value="TBD_1"/>
    <xs:enumeration value="TBD_2"/>
    <xs:enumeration value="TBD_3"/>
    <xs:enumeration value="TBD_4"/>
    <xs:enumeration value="TBD_5"/>
    <xs:enumeration value="TBD_6"/>
    <xs:enumeration value="TBD_7"/>
    <xs:enumeration value="TBD_8"/>
    <xs:enumeration value="TBD_9"/>
    <xs:enumeration value="TBD_10"/>
  </xs:restriction>
</xs:simpleType>

<!--=== Entry Point ED Postal Code Type ===->
<!--=== mail.dat element ===->
<xs:simpleType name="entryPointEDPostalCodeType">
  <xs:restriction base="mailxml_base:s06"/>
</xs:simpleType>

<!--=== Entry Point ED Facility Type Type ===->
<!--=== mail.dat element ===->
<xs:simpleType name="entryPointEDFacilityTypeType">
  <xs:restriction base="mailxml_base:s01"/>
</xs:simpleType>

<!--=== Entry Point AD Locale Key Type===->

```

```

<!--=== mail.dat element ===-->
<xs:simpleType name="entryPointADLocaleKeyType">
  <xs:restriction base="mailxml_base:s09"/>
</xs:simpleType>

<!--=== Entry Point AD Postal Code Type ===-->
<!--=== mail.dat element ===-->
<xs:simpleType name="entryPointADPostalCodeType">
  <xs:restriction base="mailxml_base:s09"/>
</xs:simpleType>

<!-- String XML entity for 3 characters -->
<!--=== v5.0 dk ===-->
<xs:simpleType name="es3">
  <xs:restriction base="xs:string">
    <xs:maxLength value="3"/>
    <xs:minLength value="3"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<!-- String XML entity for 4 characters -->
<!--=== v5.0 dk ===-->
<xs:simpleType name="es4">
  <xs:restriction base="xs:string">
    <xs:maxLength value="4"/>
    <xs:minLength value="4"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<!-- String XML entity for 5 characters -->
<!--=== v5.0 dk ===-->
<xs:simpleType name="es5">
  <xs:restriction base="xs:string">
    <xs:maxLength value="5"/>
    <xs:minLength value="5"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<!--=== exemption Code Type === CR 77 v2.1 dk from TM -->
<!--=== V4.0 dk Comment 14 add DUE ===-->
<!-- APO = All Periodicals
      APS = All Perishable
      DUE = Delivery Unit Exemption
      CAPC = Cancelled within two hours
      HC = Holiday Contingency Constraint Change -->
<xs:simpleType name="exemptionCodeType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="APO"/>
    <xs:enumeration value="APS"/>
    <xs:enumeration value="CAPC"/>
    <xs:enumeration value="DUE"/>
  </xs:restriction>
</xs:simpleType>

```

```

        <xs:enumeration value="HC"/>
    </xs:restriction>
</xs:simpleType>

<!--====simpleType F ====-->
<!--          -->
<!--          ===== -->

<!--==== FAST Scheduler ID Type ====-->
<!--==== mail.dat element =====>
<xs:simpleType name="fASTSchedulerIDType">
    <xs:restriction base="mailxml_base:s12"/>
</xs:simpleType>

<!--==== Fee Notification type ====-->
<!--==== v9.0 dk IB 20 =====>
<!-- E = Electronic Fee Charged
    1 = Automated Fee 1st Notice
    2 = Automated Fee 2nd Notice
    3 = Automated Fee 3rd+ Notice
====-->
<xs:simpleType name="feeNotificationType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="E"/>
        <xs:enumeration value="1"/>
        <xs:enumeration value="2"/>
        <xs:enumeration value="3"/>
    </xs:restriction>
</xs:simpleType>

<!--Flat Rate Indicator Type -->
<xs:simpleType name="flatRateIndicatorType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="B"/>
        <xs:enumeration value="E"/>
        <xs:enumeration value="L"/>
        <xs:enumeration value="M"/>
        <xs:enumeration value="S"/>
    </xs:restriction>
</xs:simpleType>

<!--==== Form Type =====>

<xs:simpleType name="formType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="PM"/>
        <xs:enumeration value="FC"/>
        <xs:enumeration value="SM"/>
        <xs:enumeration value="BP"/>
        <xs:enumeration value="PE"/>
        <xs:enumeration value="PP"/>
        <xs:enumeration value="ML"/>
    </xs:restriction>
</xs:simpleType>

```

```

<!--==== Full Service Compliance Indicator ---->
<!--==== v5.0 dk CR 148 ---->
<!--==== v7.0 dk ---->
<xs:simpleType name="fullServiceComplianceIndicatorType">
  <xs:restriction base="mailxml_base:yesNo"/>
</xs:simpleType>

<!--==== Full Service Participation Indicator ---->
<!--==== v5.0 dk CR 148 ---->
<xs:simpleType name="fspType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="M"/>
    <xs:enumeration value="F"/>
  </xs:restriction>
</xs:simpleType>

<!--====simpleType G ---->
<!-- -->
<!-- ===== -->

<!--==== gps System from TM---->
<xs:simpleType name="gPSSystemType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="ECEF"/>
    <xs:enumeration value="HAE"/>
    <xs:enumeration value="MSL"/>
  </xs:restriction>
</xs:simpleType>

<!--====simpleType H ---->
<!-- -->
<!-- ===== -->

<!--====simpleType I ---->
<!-- -->
<!-- ===== -->

<!--==== ID Type from TM---->
<!-- PT v2.1 new complex type for adding drivers license CR68-->
<xs:simpleType name="IDType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="DriversLicense"/>
    <xs:enumeration value="EmployeeID"/>
  </xs:restriction>
</xs:simpleType>

<!--==== IMCBType ---->
<!--==== v5.0 dk CR 148 ---->
<xs:simpleType name="IMCBType">
  <xs:restriction base="xs:string">
    <xs:maxLength value="24"/>
    <xs:minLength value="21"/>
  </xs:restriction>
</xs:simpleType>

```

```

<!--====      IMB Type      =====>
<!-- dk v5.0      =====>
<!--==== dk V6.0C Errata IB_4 =====>
<xs:simpleType name="iMBType">
    <xs:restriction base="xs:string">
        <xs:pattern value="([0-9])+"/>
        <xs:maxLength value="34"/>
        <xs:minLength value="20"/>
    </xs:restriction>
</xs:simpleType>

<!--==== IMB bar code ID from PDR =====>
<!--==== v6.0 dk standardized on "iMB" =====>
<xs:simpleType name="iMBarcodeIDType">
    <xs:restriction base="mailxml_base:ns02"/>
</xs:simpleType>

<!--==== IMB Serial Number type from PDR =====>
<!--==== v6.0 dk standardized on "iMB" =====>
<xs:simpleType name="iMBSerialNumber6Type">
    <xs:restriction base="mailxml_base:ns06"/>
</xs:simpleType>

<!--==== IMB Serial Number type from PDR =====>
<!--==== v6.0 dk standardized on "iMB" =====>
<xs:simpleType name="iMBSerialNumber9Type">
    <xs:restriction base="mailxml_base:ns09"/>
</xs:simpleType>

<!--==== IMB Upper Serialization Type =====>
<!--==== mail.dat element =====>
<xs:simpleType name="iMBUpperSerializationType">
    <xs:restriction base="mailxml_base:s18"/>
</xs:simpleType>

<!--==== IMB Lower Serialization Type =====>
<!--==== mail.dat element =====>
<xs:simpleType name="iMBLowerSerializationType">
    <xs:restriction base="mailxml_base:s18"/>
</xs:simpleType>

<!-- Included In Other Doc Type -->
<xs:simpleType name="includedInOtherDocType">
<!--==== v7.0 dk SM_08 =====>
    <xs:restriction base="xs:string">
        <xs:enumeration value="L"/>
        <xs:enumeration value="O"/>
    </xs:restriction>
</xs:simpleType>

<!--==== Internal Date Type =====>
<!--==== mail.dat element =====>
<xs:simpleType name="internalDateType" >
    <xs:restriction base="xs:date"/>

```

```

</xs:simpleType>

<!-- In County - Out County Indicator -->
<!--==== deleted V7.0B dk DA 14 =====>

<!-- In County - Out County Indicator -->
<!--==== v5.0 dk =====>
<!--==== v7.0 dk SM_26 =====>
<xs:simpleType name="inCountyOutCountyIndicatorType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="I"/>
    <xs:enumeration value="N"/>
  </xs:restriction>
</xs:simpleType>

<!--====simpleType J =====>
<!-- -->
<!-- ===== -->

<!--==== mail.dat element =====>
<xs:simpleType name="jobIDType">
  <xs:restriction base="xs:string">
    <xs:maxLength value="8"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<!--====simpleType L =====>
<!-- -->
<!-- ===== -->

<!--==== Locale Key Type =====>
<!--==== v5.0 dk CR 148 =====>
<xs:simpleType name="localeKeyType">
  <xs:restriction base="mailxml_base:s09"/>
</xs:simpleType>
<xs:simpleType name="inductionStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="A"/>
    <xs:enumeration value="N"/>
  </xs:restriction>
</xs:simpleType>

<!--==== Logical Physical Container Indicator =====>
<!--==== v7.0 dk SP 04 =====>
<xs:simpleType name="logicalPhysicalBundleIndicatorType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="P"/>
    <xs:enumeration value="L"/>
  </xs:restriction>
</xs:simpleType>

```

```

<!--====      Logical Physical Container Indicator      =====>
<!--====      v5.0 dk      CR 148      =====>
<xs:simpleType name="logicalPhysicalContainerIndicatorType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="P"/>
    <xs:enumeration value="L"/>
  </xs:restriction>
</xs:simpleType>

<!--====simpleType M =====>
<!--      -->
<!--      =====      -->

<!--====      Mail Agreement Type      =====>
<!--====      v5.0 dk      CR 148      =====>

<xs:simpleType name="mailAgreementTypeType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="A"/>
    <xs:enumeration value="B"/>
    <xs:enumeration value="C"/>
    <xs:enumeration value="D"/>
    <xs:enumeration value="E"/>
    <xs:enumeration value="F"/>
  </xs:restriction>
</xs:simpleType>

<!--==== mail.dat element =====>
<xs:simpleType name="mailClassType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
    <xs:enumeration value="4"/>
    <xs:enumeration value="6"/>
  </xs:restriction>
</xs:simpleType>

<!--==== Maildat Container Status Type      =====>
<!--==== v7.0 dk CR 68      =====>
<xs:simpleType name="maildatContainerStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="R"/>
    <xs:enumeration value="X"/>
    <xs:enumeration value="C"/>
    <xs:enumeration value="D"/>
    <xs:enumeration value="P"/>
    <xs:enumeration value="T"/>
  </xs:restriction>
</xs:simpleType>

<!--==== MailerID6 type from PDR =====>
<xs:simpleType name="mailerID6Type">

```

```

        <xs:restriction base="mailxml_base:ns06"/>
    </xs:simpleType>

    <!--== MailerID9 type from PDR ==-->
    <xs:simpleType name="mailerID9Type">
        <xs:restriction base="mailxml_base:ns09"/>
    </xs:simpleType>

    <!--== Mailing Agent Data Type ==-->
    <!--== v7.0B dk DA 14 deleted unused type ==-->

    <!-- MailXML Container Type -->
    <!--== v5.0 dk ==-->
    <!--== v7.0 dk SP 04 ==-->
    <!--== V7.0A dk CR 130 ==-->
    <xs:simpleType name="mailXMLContainerType">
        <xs:restriction base="xs:string">
            <xs:enumeration value="1"/>
            <xs:enumeration value="2"/>
            <xs:enumeration value="3"/>
            <xs:enumeration value="4"/>
            <xs:enumeration value="5"/>
            <xs:enumeration value="E"/>
            <xs:enumeration value="F"/>
            <xs:enumeration value="L"/>
            <xs:enumeration value="O"/>
            <xs:enumeration value="P"/>
            <xs:enumeration value="S"/>
            <xs:enumeration value="T"/>
            <xs:enumeration value="V"/>
            <xs:enumeration value="B"/>
            <xs:enumeration value="U"/>
            <xs:enumeration value="Z"/>
            <xs:enumeration value="X"/>
            <xs:enumeration value="H"/>
            <xs:enumeration value="A"/>
            <xs:enumeration value="G"/>
            <xs:enumeration value="D"/>
            <xs:enumeration value="R"/>
            <xs:enumeration value="C"/>
            <xs:enumeration value="M" />
        </xs:restriction>
    </xs:simpleType>

    <!-- Mail.XML Presentation Category Type -->
    <!-- v5.0 dk CR 182 -->
    <xs:simpleType name="mailXMLPresentationCategoryType">
        <xs:restriction base="xs:string">
            <xs:enumeration value="M"/>
            <xs:enumeration value="P"/>
            <xs:enumeration value="I"/>
            <xs:enumeration value="N"/>
            <xs:enumeration value="S"/>
        </xs:restriction>
    </xs:simpleType>

```

```

<!-- MID Status Type -->
<!--=== v7.0 dk AOG 11 ===-->
<xs:simpleType name="mIDStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="New"/>
    <xs:enumeration value="Existing"/>
  </xs:restriction>
</xs:simpleType>

<!-- Metered Affixed Method Type -->
<!--=== v5.0 dk ===-->
<xs:simpleType name="meteredAffixedMethodType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="C"/>
    <xs:enumeration value="L"/>
    <xs:enumeration value="M"/>
  </xs:restriction>
</xs:simpleType>

<!--=== Month Type ===-->
<xs:simpleType name="monthType">
  <xs:restriction base="xs:nonNegativeInteger">
    <xs:maxInclusive value="12"/>
    <xs:minInclusive value="1"/>
  </xs:restriction>
</xs:simpleType>

<!-- MLOCR Rate Type
N =nonprofit R=Regular ===-->
<xs:simpleType name="mlocrRateType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="N"/>
    <xs:enumeration value="R"/>
  </xs:restriction>
</xs:simpleType>

<!--=== Move Update Method Type ===-->
<!--=== v7.0 dk RS-2 ===-->
<xs:simpleType name="moveUpdateMethodType">
  <xs:restriction base="xs:integer">
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
    <xs:enumeration value="4"/>
    <xs:enumeration value="5"/>
    <xs:enumeration value="6"/>
    <xs:enumeration value="7"/>
    <xs:enumeration value="8"/>
  </xs:restriction>
</xs:simpleType>

<!-- Move Update Type-->

```

```

<!--==== v5.0 dk =====>
<!--==== v7.0 dk RS 01 =====>
<!--==== v7.0B dk DA 14 removed unused type =====>

<!--==== mail.dat element =====>
<!--==== CR 84 v3.0 dk =====>
<xs:simpleType name="MPUIDType">
  <xs:restriction base="xs:nonNegativeInteger">
    <xs:totalDigits value="5"/>
  </xs:restriction>
</xs:simpleType>

<!--====simpleType N =====>
<!-- -->
<!-- ===== -->

<!--==== mail.dat elements for numeric strings =====>
<xs:simpleType name="ns02">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]{2}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ns03">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]{3}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ns06">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]{6}"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="ns09">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]{9}"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="ns10">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]{10}"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="ns11">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]{11}"/>
  </xs:restriction>
</xs:simpleType>

<!--==== Numeric string elements =====>

<xs:simpleType name="ns04">

```

```

        <xs:restriction base="xs:string">
            <xs:pattern value="[0-9]{4}" />
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="ns05">
        <xs:restriction base="xs:string">
            <xs:pattern value="[0-9]{5}" />
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="ns22">
        <xs:restriction base="xs:string">
            <xs:pattern value="[0-9]{22}" />
        </xs:restriction>
    </xs:simpleType>

    <!--=== Number datatypes from mail.dat ===-->
    <xs:simpleType name="n01">
        <xs:restriction base="xs:positiveInteger">
            <xs:totalDigits value="1" />
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="n02">
        <xs:restriction base="xs:positiveInteger">
            <xs:totalDigits value="2" />
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="n03">
        <xs:restriction base="xs:nonNegativeInteger">
            <xs:totalDigits value="3" />
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="n05">
        <xs:restriction base="xs:nonNegativeInteger">
            <xs:totalDigits value="5" />
        </xs:restriction>
    </xs:simpleType>

    <xs:simpleType name="n06">
        <xs:restriction base="xs:nonNegativeInteger">
            <xs:totalDigits value="6" />
        </xs:restriction>
    </xs:simpleType>

    <!--===simpleType 0 ===-->
    <!-- -->

```

```

<!--      =====      -->

<!--====      Old Address      =====>
<!--====      v5.0 dk      CR 148      =====>
<!--==== v7.0C dk      =====>
<xs:simpleType name="addressType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="F"/>
    <xs:enumeration value="G"/>
    <xs:enumeration value="H"/>
    <xs:enumeration value="P"/>
    <xs:enumeration value="R"/>
    <xs:enumeration value="S"/>
    <xs:enumeration value="U"/>
    <xs:enumeration value="V"/>
    <xs:enumeration value="X"/>
  </xs:restriction>
</xs:simpleType>

<!--==== One Pass Planned Or Actual Flag      =====>
<!--==== V5.0 dk      =====>
<xs:simpleType name="onePassPlannedOrActualFlagType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="A"/>
    <xs:enumeration value="P"/>
  </xs:restriction>
</xs:simpleType>

<!--====simpleType P =====>
<!--      -->
<!--      =====      -->

<!--==== mail.dat element =====>
<xs:simpleType name="packageIDType">
  <xs:restriction base="mailxml_base:s06"></xs:restriction>
</xs:simpleType>

<!--==== Package Services type      =====>
<!--==== v7.0 dk SM 20      =====>
<xs:simpleType name="PackageServicesType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="PS"/>
    <xs:enumeration value="BPM"/>
    <xs:enumeration value="LIB"/>
    <xs:enumeration value="MEDIA"/>
    <xs:enumeration value="PP"/>
  </xs:restriction>
</xs:simpleType>

<!--      Packaging Method Type      -->
<!--====      v5.0 dk      =====>
<xs:simpleType name="packagingMethodType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="0"/>

```

```

        <xs:enumeration value="1"/>
        <xs:enumeration value="2"/>
    </xs:restriction>
</xs:simpleType>

<!--=== Pallet Handling Unit Type ===-->
<!--=== Added re CR 106 v3.0 dk ===-->
<!--=== v7.0 dk DH 01 ===-->
<xs:simpleType name="palletHandlingUnitType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Sacks"/>
        <xs:enumeration value="Bundles"/>
        <xs:enumeration value="MixedLengthTrays"/>
        <xs:enumeration value="1ft Tray"/>
        <xs:enumeration value="2ft Tray"/>
        <xs:enumeration value="EMM Tray"/>
        <xs:enumeration value="Flat Tub"/>
        <xs:enumeration value="Parcels"/>
    </xs:restriction>
</xs:simpleType>

<!--=== Pallet Type from TM ===-->
<!--=== Added per CR 106 v3.0 dk ===-->
<xs:simpleType name="palletType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Pallet"/>
        <xs:enumeration value="EIRS 61 - Hamper, Large
Canvas"/>
        <xs:enumeration value="EIRS 61P - Hamper, Large
Plastic"/>
        <xs:enumeration value="EIRS 66 - General Purpose Mail
Container w/Gate"/>
        <xs:enumeration value="EIRS 68 - Eastern Region Mail
Container w/Web Door"/>
        <xs:enumeration value="EIRS 84 - Wire Container
Rigid"/>
        <xs:enumeration value="EIRS 84C - Collapsible Wire
Container"/>
    </xs:restriction>
</xs:simpleType>

<!--=== Parent Container Ref ID Type ===-->
<!--=== mail.dat element ===-->
<xs:simpleType name="parentContainerRefIDType">
    <xs:restriction base="mailxml_base:s06"/>
</xs:simpleType>

<!--=== Percentage Type ===-->
<!--=== v6.0 dk make 100.00 to 0.00 ===-->
<!--=== v5.0 dk ===-->
<!--=== v6.0 dk make 100.00 to 0.00 ===-->
<xs:simpleType name="percentageType">
    <xs:restriction base="xs:decimal">

```

```

        <xs:totalDigits value='5' />
        <xs:fractionDigits value='2' />
        <xs:minInclusive value='0.00' />
        <xs:maxInclusive value='100.00' />
    </xs:restriction>
</xs:simpleType>

<!--=== Periodical Price Type ===-->
<!--=== v7.0 dk SP50 ===-->
<xs:simpleType name="periodicalPriceType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="D" />
        <xs:enumeration value="C" />
        <xs:enumeration value="E" />
        <xs:enumeration value="R" />
        <xs:enumeration value="Z" />
        <xs:enumeration value="5" />
        <xs:enumeration value="9" />
        <xs:enumeration value="1" />
    </xs:restriction>
</xs:simpleType>

<!-- Permit Type -->
<!--=== v5.0 dk ===-->
<!--=== v6.0 dk RSS13 ===-->
<!--=== V7.0 DK SM_33 ===-->
<!--=== V9.0 DK ===-->
<xs:simpleType name="permitTypeType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="PI" />
        <xs:enumeration value="MT" />
        <xs:enumeration value="PC" />
        <xs:enumeration value="BR" />
        <xs:enumeration value="PE" />
        <xs:enumeration value="GH" />
        <xs:enumeration value="PP" />
    </xs:restriction>
</xs:simpleType>

<!--=== phone Number from TM ===-->
<xs:simpleType name="phoneNumberType">
    <xs:restriction base="xs:string">
        <xs:maxLength value="25" />
        <xs:minLength value="1" />
        <xs:whiteSpace value="preserve" />
    </xs:restriction>
</xs:simpleType>

<!--=== Pickup or Delivery Type from TM ===-->
<!--=== v3.0 dk ===-->
<xs:simpleType name="pickupOrDeliveryType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Pickup" />
        <xs:enumeration value="Delivery" />
    </xs:restriction>

```

```
</xs:simpleType>
```

```
<!--== Planet Code Type PDR element ==-->
<!-- v5.0 dk ==-->
<xs:simpleType name="planetCodeType">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]{2}" />
    <xs:maxLength value="13" />
    <xs:minLength value="11" />
  </xs:restriction>
</xs:simpleType>
```

```
<!--== Postage Grouping ID Type ==-->
<!--== mail.dat element ==-->
<xs:simpleType name="postageGroupingIDType">
  <xs:restriction base="mailxml_base:s08" />
</xs:simpleType>
```

```
<!-- Postage Payment Method Type -->
<!--== v5.0 dk ==-->
<xs:simpleType name="postagePaymentMethodType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="S" />
    <xs:enumeration value="M" />
    <xs:enumeration value="P" />
  </xs:restriction>
</xs:simpleType>
```

```
<!--== PostageStatement Line Number 1 ==-->
<!--== v5.0 dk CR 177 ==-->
<xs:simpleType name="postageStatementLineNumber1Type">
  <xs:restriction base="xs:string">
    <xs:enumeration value="E26" />
    <xs:enumeration value="E27" />
    <xs:enumeration value="E28" />
    <xs:enumeration value="E29" />
    <xs:enumeration value="E30" />
    <xs:enumeration value="E31" />
    <xs:enumeration value="E32" />
    <xs:enumeration value="E33" />
    <xs:enumeration value="E34" />
    <xs:enumeration value="E35" />
    <xs:enumeration value="E36" />
    <xs:enumeration value="E37" />
    <xs:enumeration value="E38" />
    <xs:enumeration value="E39" />
    <xs:enumeration value="E40" />
    <xs:enumeration value="E41" />
    <xs:enumeration value="E42" />
    <xs:enumeration value="E43" />
    <xs:enumeration value="E44" />
    <xs:enumeration value="E45" />
    <xs:enumeration value="E46" />
  </xs:restriction>
</xs:simpleType>
```

```

        </xs:restriction>
    </xs:simpleType>

    <!--=== PostageStatement Line Number 2      ===-->
    <!--=== v5.0 dk CR 177                      ===-->
    <xs:simpleType name="postageStatementLineNumber2Type">
        <xs:restriction base="xs:string">
            <xs:enumeration value="E1"/>
            <xs:enumeration value="E2"/>
            <xs:enumeration value="E3"/>
            <xs:enumeration value="E4"/>
            <xs:enumeration value="E5"/>
            <xs:enumeration value="E6"/>
            <xs:enumeration value="E7"/>
            <xs:enumeration value="E8"/>
            <xs:enumeration value="E9"/>
            <xs:enumeration value="E10"/>
            <xs:enumeration value="E11"/>
            <xs:enumeration value="E12"/>
            <xs:enumeration value="E13"/>
            <xs:enumeration value="E14"/>
            <xs:enumeration value="E15"/>
            <xs:enumeration value="E16"/>
            <xs:enumeration value="E17"/>
            <xs:enumeration value="E18"/>
            <xs:enumeration value="E19"/>
            <xs:enumeration value="E20"/>
            <xs:enumeration value="E21"/>
            <xs:enumeration value="E22"/>
            <xs:enumeration value="E23"/>
            <xs:enumeration value="E24"/>
        </xs:restriction>
    </xs:simpleType>

    <!--=== PostageStatement Line Number 3      ===-->
    <!--=== v5.0 dk CR 177                      ===-->
    <xs:simpleType name="postageStatementLineNumber3Type">
        <xs:restriction base="xs:string">
            <xs:enumeration value="D1"/>
            <xs:enumeration value="D2"/>
            <xs:enumeration value="D3"/>
            <xs:enumeration value="D4"/>
            <xs:enumeration value="D5"/>
            <xs:enumeration value="D6"/>
            <xs:enumeration value="D7"/>
            <xs:enumeration value="D8"/>
            <xs:enumeration value="D9"/>
            <xs:enumeration value="D10"/>
            <xs:enumeration value="D11"/>
            <xs:enumeration value="D12"/>
            <xs:enumeration value="D13"/>
            <xs:enumeration value="D14"/>
            <xs:enumeration value="D15"/>
            <xs:enumeration value="D16"/>
            <xs:enumeration value="D17"/>
        </xs:restriction>
    </xs:simpleType>

```

```

<!--==== Postage Statement Status      =====>
<!--====      v5.0 dk                  =====>
<!--==== v7.0 dk SP40                  =====>
<!--====
"UPD" = UPD-USPS Processing Due
"FIN" = FIN-Finalized
"COM" = Complete
"REW" = REW-Returned for Rework
"REV" = REV-Reversed
"CAN" = CAN-Canceled
"FAI" = FAI-Failed Verification
"PEN" = PEN-Pending Verification Results
"PAS" = PAS-Passed Verification without Auto-Finalize
"INC" = INC-Incomplete
"NAP" = NAP-Not Available for Processing
"EST" = EST-Estimate of Postage
"CON" = CON-Consolidated
"ERR" = ERR-Failed on Submission
"COMPLETE" = Complete Jobs
"AVW" = AVW-DPV and/or Move Update Warnings
"PAV" = PAV-Pending DPV and Move Update Results
"FPP" = FPP-Finalized Pending Payment =====>

<xs:simpleType name="postageStatementStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="UPD"/>
    <xs:enumeration value="FIN"/>
    <xs:enumeration value="REW"/>
    <xs:enumeration value="REV"/>
    <xs:enumeration value="CAN"/>
    <xs:enumeration value="FAI"/>
    <xs:enumeration value="PEN"/>
    <xs:enumeration value="PAS"/>
    <xs:enumeration value="INC"/>
    <xs:enumeration value="NAP"/>
    <xs:enumeration value="EST"/>
    <xs:enumeration value="CON"/>
    <xs:enumeration value="ERR"/>
    <xs:enumeration value="COM"/>
    <xs:enumeration value="AVW"/>
    <xs:enumeration value="PAV"/>
    <xs:enumeration value="FPP"/>
  </xs:restriction>
</xs:simpleType>

<!-- Price Type Type-->
<!--====      v5.0 dk                  =====>
<!--==== v7.0 dk SP39, RS 1          =====>
<xs:simpleType name="priceType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="commercial"/>
    <xs:enumeration value="commercialplus"/>
    <xs:enumeration value="retail"/>
  </xs:restriction>

```

```

</xs:simpleType>

<!--====      Primary Secondary Indicator      ---->
<!--====      v5.0 dk      CR 148      ---->
<xs:simpleType name="primarySecondaryIndicatorType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="P"/>
    <xs:enumeration value="S"/>
  </xs:restriction>
</xs:simpleType>

<!--====  mail.dat element ---->
<xs:simpleType name="processingCategoryType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="LT"/>
    <xs:enumeration value="FL"/>
    <xs:enumeration value="CD"/>
    <xs:enumeration value="OS"/>
    <xs:enumeration value="MP"/>
    <xs:enumeration value="IR"/>
    <xs:enumeration value="PF"/>
    <xs:enumeration value="CM"/>
    <xs:enumeration value="NP"/>
    <xs:enumeration value="NA"/>
    <xs:enumeration value="NB"/>
  </xs:restriction>
</xs:simpleType>

<!--====      Processing Code      ---->
<!--====      v5.0 dk      CR 198      ---->
<!--
    S = Surface
    MXDS = Mixed Surface
    L = Locale
    WKG = Working Mail
    A = Air Separations
    MXDA = Mixed Air
    SP = Single-Piece
-->
<xs:simpleType name="processingCodeType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="S"/>
    <xs:enumeration value="MXDS"/>
    <xs:enumeration value="L"/>
    <xs:enumeration value="WKG"/>
    <xs:enumeration value="A"/>
    <xs:enumeration value="MXDA"/>
    <xs:enumeration value="SP"/>
  </xs:restriction>
</xs:simpleType>

<!--====simpleType Q ---->
<!--      -->
<!--      =====      -->

```

```

<!--==== Qualification Report Class  =====>
<!--==== FirstClass, S
tandard, Periodical, PriorityMail,
ParcelPost, All =====>
<!--==== V9.0 dk added "growth types TBD" =====>
<xs:simpleType name="qualificationReportClassType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="FC"/>
    <xs:enumeration value="S"/>
    <xs:enumeration value="P"/>
    <xs:enumeration value="PM"/>
    <xs:enumeration value="PP"/>
    <xs:enumeration value="A"/>
    <xs:enumeration value="TBD_1"/>
    <xs:enumeration value="TBD_2"/>
    <xs:enumeration value="TBD_3"/>
  </xs:restriction>
</xs:simpleType>

<!--====simpleType R =====>
<!--      -->
<!--      =====      -->

<!-- Rate Category Type  -->
<!--====      v5.0 dk      =====>
<xs:simpleType name="rateCategoryType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="A"/>
    <xs:enumeration value="AF"/>
    <xs:enumeration value="B"/>
    <xs:enumeration value="BF"/>
    <xs:enumeration value="D"/>
    <xs:enumeration value="DF"/>
    <xs:enumeration value="E"/>
    <xs:enumeration value="FB"/>
    <xs:enumeration value="G"/>
    <xs:enumeration value="GF"/>
    <xs:enumeration value="H"/>
    <xs:enumeration value="K"/>
    <xs:enumeration value="KF"/>
    <xs:enumeration value="L"/>
    <xs:enumeration value="L1"/>
    <xs:enumeration value="L2"/>
    <xs:enumeration value="L3"/>
    <xs:enumeration value="L4"/>
    <xs:enumeration value="L5"/>
    <xs:enumeration value="L6"/>
    <xs:enumeration value="L7"/>
    <xs:enumeration value="L8"/>
    <xs:enumeration value="N"/>
    <xs:enumeration value="NG"/>
    <xs:enumeration value="NK"/>
    <xs:enumeration value="N5"/>
    <xs:enumeration value="N6"/>
    <xs:enumeration value="PI"/>
  </xs:restriction>
</xs:simpleType>

```

```

        <xs:enumeration value="PM"/>
        <xs:enumeration value="P7"/>
        <xs:enumeration value="P8"/>
        <xs:enumeration value="PE"/>
        <xs:enumeration value="PQ"/>
        <xs:enumeration value="PR"/>
        <xs:enumeration value="PG"/>
        <xs:enumeration value="PK"/>
        <xs:enumeration value="P5"/>
        <xs:enumeration value="P6"/>
        <xs:enumeration value="S"/>
        <xs:enumeration value="Z1"/>
        <xs:enumeration value="Z2"/>
    </xs:restriction>
</xs:simpleType>

<!-- Rate Level Type -->
<!--==== v5.0 dk =====>
<!--==== v7.0A dk CR 142 =====>
<!--==== v8.0 dk RS 01 =====>
<xs:simpleType name="rateLevelType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="SP"/>
        <xs:enumeration value="5B"/>
        <xs:enumeration value="3B"/>
        <xs:enumeration value="AB"/>
        <xs:enumeration value="PSRT"/>
        <xs:enumeration value="5D"/>
        <xs:enumeration value="3D"/>
        <xs:enumeration value="NDC"/>
        <xs:enumeration value="ONDC"/>
        <xs:enumeration value="BP"/>
        <xs:enumeration value="MP"/>
        <xs:enumeration value="AD"/>
        <xs:enumeration value="MD"/>
        <xs:enumeration value="WS"/>
        <xs:enumeration value="HD"/>
        <xs:enumeration value="CR"/>
        <xs:enumeration value="MB"/>
        <xs:enumeration value="FB"/>
        <xs:enumeration value="BB"/>
    </xs:restriction>
</xs:simpleType>

<!-- Rate Level Indicator Type -->
<!--==== v5.0 dk =====>
<xs:simpleType name="rateLevelIndicatorType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="A"/>
        <xs:enumeration value="B"/>
        <xs:enumeration value="C"/>
        <xs:enumeration value="M"/>
        <xs:enumeration value="N"/>
    </xs:restriction>
</xs:simpleType>

<!--==== Rate Type mail.dat =====>

```

```

    <!--==== common rate type values for enumerated use in CPT , MPU)
and TM uspsSummay )====-->
    <!--==== CR 123 Added to support new values in maildat 8.2 dk v3.0
====-->
    <!--====
        J = Priority Mail Flat - Large Box
        K = Priority Mail Flat - Large Box APO/FPO
        W = Science of Agriculture Limited Circulation
        Y = Regular Limited Circulation      ====-->
    <!--==== V9.0 dk add TBD placeholders      ====-->
    <xs:simpleType name="rateType">
        <xs:restriction base="xs:string">
            <xs:enumeration value="R"/>
            <xs:enumeration value="L"/>
            <xs:enumeration value="B"/>
            <xs:enumeration value="C"/>
            <xs:enumeration value="S"/>
            <xs:enumeration value="F"/>
            <xs:enumeration value="A"/>
            <xs:enumeration value="N"/>
            <xs:enumeration value="P"/>
            <xs:enumeration value="T"/>
            <xs:enumeration value="D"/>
            <xs:enumeration value="X"/>
            <xs:enumeration value="H"/>
            <xs:enumeration value="M"/>
            <xs:enumeration value="Z"/>
            <xs:enumeration value="E"/>
            <xs:enumeration value="G"/>
            <xs:enumeration value="1"/>
            <xs:enumeration value="2"/>
            <xs:enumeration value="3"/>
            <xs:enumeration value="4"/>
            <xs:enumeration value="J"/>
            <xs:enumeration value="K"/>
            <xs:enumeration value="W"/>
            <xs:enumeration value="Y"/>
            <xs:enumeration value="TBD_1"/>
            <xs:enumeration value="TBD_2"/>
            <xs:enumeration value="TBD_3"/>
            <xs:enumeration value="TBD_4"/>
            <xs:enumeration value="TBD_5"/>
            <xs:enumeration value="TBD_6"/>
            <xs:enumeration value="TBD_7"/>
            <xs:enumeration value="TBD_8"/>
            <xs:enumeration value="TBD_9"/>
            <xs:enumeration value="TBD_10"/>
        </xs:restriction>
    </xs:simpleType>

    <!--==== Reason Code Type ====-->
    <!--==== v5.0 dk CR 148 ====-->
    <xs:simpleType name="reasonCodeType">
        <xs:restriction base="xs:string">
            <xs:enumeration value="A"/>
            <xs:enumeration value="B"/>

```

```

        <xs:enumeration value="D"/>
        <xs:enumeration value="E"/>
        <xs:enumeration value="I"/>
        <xs:enumeration value="L"/>
        <xs:enumeration value="M"/>
        <xs:enumeration value="N"/>
        <xs:enumeration value="P"/>
        <xs:enumeration value="Q"/>
        <xs:enumeration value="R"/>
        <xs:enumeration value="S"/>
        <xs:enumeration value="U"/>
        <xs:enumeration value="V"/>
        <xs:enumeration value="X"/>
    </xs:restriction>
</xs:simpleType>

<!--==== Recurring Status Type      =====>
<!--==== v7.0 dk GW_01              =====>
<xs:simpleType name="recurringStatusType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Active"/>
        <xs:enumeration value="Pending"/>
        <xs:enumeration value="All"/>
    </xs:restriction>
</xs:simpleType>

<!--==== Reservation Number Type =====>
<!--==== mail.dat element            =====>
<xs:simpleType name="reservationNumberType">
    <xs:restriction base="mailxml_base:s15"/>
</xs:simpleType>

<!--==== Role Type      =====>
<!--==== CR 83 v3.0 dk  =====>
<!--==== v4.1 CR 152 added Logistics Provider and Carrier =====>
<!--==== v5.0 dk added Data Brokering Agent      =====>
<!--==== v6.0A dk added Nixie, StartTheClock, ContainerVisibility,
and DeliveryPointValidation =====>
<!--==== v7.0 dk      =====>
<xs:simpleType name="roleType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Data Update Agent"/>
        <xs:enumeration value="Owner"/>
        <xs:enumeration value="Confirm Subscriber"/>
        <xs:enumeration value="Confirm Data Receiver"/>
        <xs:enumeration value="ACS Data Receiver"/>
        <xs:enumeration value="ACS Subscriber"/>
        <xs:enumeration value="List Owner"/>
        <xs:enumeration value="Mail Creator"/>
        <xs:enumeration value="Addressor"/>
        <xs:enumeration value="Comail"/>
        <xs:enumeration value="CoMingler"/>
        <xs:enumeration value="MLOCR"/>
        <xs:enumeration value="Mail Owner"/>
        <xs:enumeration value="Mail Agent"/>
    </xs:restriction>
</xs:simpleType>

```

```

        <xs:enumeration value="Entry Point Planner"/>
        <xs:enumeration value="Shipment Planner"/>
        <xs:enumeration value="Consolidator"/>
        <xs:enumeration value="Secondary Consolidator"/>
        <xs:enumeration value="Appointment Management
Receiver"/>

        <xs:enumeration value="Consignee/Product Receiver"/>
        <xs:enumeration value="Dispatcher"/>
        <xs:enumeration value="Tracker CONFIRM-scan"/>

        <xs:enumeration value="Tracker CONFIRM-payer"/>
        <xs:enumeration value="Tracker Seed Source"/>
        <xs:enumeration value="Tracker Piece-level-scan"/>
        <xs:enumeration value="Tracker ASN-scan"/>
        <xs:enumeration value="Tracker Induction-scan"/>
        <xs:enumeration value="Tracker Planet-code"/>
        <xs:enumeration value="ACS receiver"/>
        <xs:enumeration value="ACS payer"/>
        <xs:enumeration value="Seamless Acceptance"/>
        <xs:enumeration value="Seamless Verification"/>
        <xs:enumeration value="Security"/>
        <xs:enumeration value="Logistics Provider"/>
        <xs:enumeration value="Carrier"/>
        <xs:enumeration value="Data Brokering Agent"/>
        <xs:enumeration value="Nixie"/>
        <xs:enumeration value="StartTheClock"/>
        <xs:enumeration value="ContainerVisibility"/>
        <xs:enumeration value="DeliveryPointValidation"/>
    </xs:restriction>
</xs:simpleType>

<!--==== Responsible Transportation Party Type  =====>
<!--==== CR 93 v3.0 dk  =====>
<xs:simpleType name="responsibleTransportationPartyType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Shipper"/>
        <xs:enumeration value="Consignee"/>
    </xs:restriction>
</xs:simpleType>

<!--==== Routing Zip Code type from PDR  =====>
<xs:simpleType name="RoutingZipCodeType">
    <xs:restriction base="xs:string">
        <xs:maxLength value="11"/>
        <xs:minLength value="0"/>
    </xs:restriction>
</xs:simpleType>

<!--====simpleType S =====>
<!-- -->

<xs:simpleType name="s01">
    <xs:restriction base="xs:string">

```

```

        <xs:maxLength value="1"/>
        <xs:minLength value="1"/>
        <xs:whiteSpace value="preserve"/>
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s02">
    <xs:restriction base="xs:string">
        <xs:maxLength value="2"/>
        <xs:minLength value="1"/>
        <xs:whiteSpace value="preserve"/>
    </xs:restriction>
</xs:simpleType>

<!--== mail.dat string elements ==-->
<xs:simpleType name="s04">
    <xs:restriction base="xs:string">
        <xs:maxLength value="4"/>
        <xs:minLength value="1"/>
        <xs:whiteSpace value="preserve"/>
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s06">
    <xs:restriction base="xs:string">
        <xs:maxLength value="6"/>
        <xs:minLength value="1"/>
        <xs:whiteSpace value="preserve"/>
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="s07">
    <xs:restriction base="xs:string">
        <xs:maxLength value="7"/>
        <xs:minLength value="1"/>
        <xs:whiteSpace value="preserve"/>
    </xs:restriction>
</xs:simpleType>

<!--== TM string Elements ==-->
<xs:simpleType name="s03">
    <xs:restriction base="xs:string">
        <xs:maxLength value="3"/>
        <xs:minLength value="1"/>
        <xs:whiteSpace value="preserve"/>
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s05">
    <xs:restriction base="xs:string">
        <xs:maxLength value="5"/>
        <xs:minLength value="1"/>
        <xs:whiteSpace value="preserve"/>
    </xs:restriction>
</xs:simpleType>

```

```

<xs:simpleType name="s08">
  <xs:restriction base="xs:string">
    <xs:maxLength value="8"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s09">
  <xs:restriction base="xs:string">
    <xs:maxLength value="9"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="s10">
  <xs:restriction base="xs:string">
    <xs:maxLength value="10"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s11">
  <xs:restriction base="xs:string">
    <xs:maxLength value="11"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="s12">
  <xs:restriction base="xs:string">
    <xs:maxLength value="12"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s15">
  <xs:restriction base="xs:string">
    <xs:maxLength value="15"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s16">
  <xs:restriction base="xs:string">
    <xs:maxLength value="16"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

```

```

<xs:simpleType name="s18">
  <xs:restriction base="xs:string">
    <xs:maxLength value="18"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s20">
  <xs:restriction base="xs:string">
    <xs:maxLength value="20"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="s22">
  <xs:restriction base="xs:string">
    <xs:maxLength value="22"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<!--== V4.0 CR 137 dk ==-->
<xs:simpleType name="s25">
  <xs:restriction base="xs:string">
    <xs:maxLength value="25"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<!--== V4.0 CR 137 dk ==-->
<xs:simpleType name="s28">
  <xs:restriction base="xs:string">
    <xs:maxLength value="28"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s30">
  <xs:restriction base="xs:string">
    <xs:maxLength value="30"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s37">
  <xs:restriction base="xs:string">
    <xs:maxLength value="37"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

```

```
<xs:simpleType name="s40">
  <xs:restriction base="xs:string">
    <xs:maxLength value="40"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s45">
  <xs:restriction base="xs:string">
    <xs:maxLength value="45"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s50">
  <xs:restriction base="xs:string">
    <xs:maxLength value="50"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s60">
  <xs:restriction base="xs:string">
    <xs:maxLength value="60"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s64">
  <xs:restriction base="xs:string">
    <xs:maxLength value="64"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s66">
  <xs:restriction base="xs:string">
    <xs:maxLength value="66"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="s80">
  <xs:restriction base="xs:string">
    <xs:maxLength value="80"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>
```

```

<!-- CR78 v2.1 dk -->
<xs:simpleType name="s256">
  <xs:restriction base="xs:string">
    <xs:maxLength value="256"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="s260">
  <xs:restriction base="xs:string">
    <xs:maxLength value="260"/>
    <xs:minLength value="1"/>
    <xs:whiteSpace value="preserve"/>
  </xs:restriction>
</xs:simpleType>

<!-- Sacking Basis Type -->
<!--==== v5.0 dk =====>
<xs:simpleType name="sackingBasisType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
    <xs:enumeration value="4"/>
  </xs:restriction>
</xs:simpleType>

<!--==== Scheduled Induction Date Type =====>
<!--==== mail.dat element =====>
<xs:simpleType name="scheduledInductionDateType" >
  <xs:restriction base="xs:date"/>
</xs:simpleType>

<!--==== Scheduled Induction Time Type =====>
<!--==== mail.dat element =====>
<xs:simpleType name="scheduledInductionTimeType" >
  <xs:restriction base="xs:time"/>
</xs:simpleType>

<!--==== Scheduled In Home Date Type =====>
<!--==== mail.dat element =====>
<xs:simpleType name="scheduledInHomeDateType" >
  <xs:restriction base="xs:date"/>
</xs:simpleType>

<!--==== Service Level Indicator =====>
<!--==== v5.0 dk =====>
<!--==== F = Full service, B = basic, P = postnet and O = Other
=====>
<xs:simpleType name="serviceLevelIndicatorType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="F"/>
    <xs:enumeration value="B"/>

```

```

        <xs:enumeration value="P"/>
        <xs:enumeration value="O"/>
    </xs:restriction>
</xs:simpleType>

<!-- Service Code Type -->
<!--=== v5.0 dk ===-->
<xs:simpleType name="serviceCodeType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="CM"/>
        <xs:enumeration value="COD"/>
        <xs:enumeration value="COM"/>
        <xs:enumeration value="DC"/>
        <xs:enumeration value="IM"/>
        <xs:enumeration value="PAL"/>
        <xs:enumeration value="RD"/>
        <xs:enumeration value="RM"/>
        <xs:enumeration value="RR"/>
        <xs:enumeration value="RRE"/>
        <xs:enumeration value="RRM"/>
        <xs:enumeration value="SC"/>
        <xs:enumeration value="SH"/>
    </xs:restriction>
</xs:simpleType>

<!--=== Service Type Code from PDR ===-->
<xs:simpleType name="ServiceTypeCodeType">
    <xs:restriction base="mailxml_base:ns03"/>
</xs:simpleType>

<!--=== Sortation Level Type ===-->
<!--=== V9.0 dk add TBD placeholders ===-->
<xs:simpleType name="sortationLevelType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="CRD"/>
        <xs:enumeration value="5DG"/>
        <xs:enumeration value="CR5"/>
        <xs:enumeration value="5DGS"/>
        <xs:enumeration value="CR5S"/>
        <xs:enumeration value="M5D"/>
        <xs:enumeration value="M5DS"/>
        <xs:enumeration value="MET"/>
        <xs:enumeration value="3DG"/>
        <xs:enumeration value="CR3"/>
        <xs:enumeration value="3DGS"/>
        <xs:enumeration value="ADC"/>
        <xs:enumeration value="AADC"/>
        <xs:enumeration value="MADC"/>
        <xs:enumeration value="MAAD"/>
        <xs:enumeration value="SCF"/>
        <xs:enumeration value="PSCF"/>
        <xs:enumeration value="NDC"/>
        <xs:enumeration value="PNDC"/>
        <xs:enumeration value="MNDC"/>
        <xs:enumeration value="ASF"/>
        <xs:enumeration value="OMX"/>
    </xs:restriction>
</xs:simpleType>

```

```

        <xs:enumeration value="PADC"/>
        <xs:enumeration value="MRDC"/>
        <xs:enumeration value="SP"/>
        <xs:enumeration value="MXDS"/>
        <xs:enumeration value="MXDA"/>
        <xs:enumeration value="WORKING"/>
        <xs:enumeration value="SINGLEPIECE"/>
        <xs:enumeration value="SURFACE"/>
        <xs:enumeration value="AIR"/>
        <xs:enumeration value="LOCAL"/>
        <xs:enumeration value="TBD_1"/>
        <xs:enumeration value="TBD_2"/>
        <xs:enumeration value="TBD_3"/>
        <xs:enumeration value="TBD_4"/>
        <xs:enumeration value="TBD_5"/>
    </xs:restriction>
</xs:simpleType>

<!-- Special Service sub Code Type -->
<!--==== v5.0 dk =====>
<xs:simpleType name="serviceSubCodeType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="N"/>
        <xs:enumeration value="E"/>
        <xs:enumeration value="R"/>
        <xs:enumeration value="T"/>
        <xs:enumeration value="B"/>
    </xs:restriction>
</xs:simpleType>

<!--==== State Codes from TM=====>
<!--==== v7.0C dk =====>
<xs:simpleType name="stateCode">
    <xs:restriction base="xs:string">
        <xs:enumeration value="AA"/>
        <xs:enumeration value="AE"/>
        <xs:enumeration value="AP"/>
        <xs:enumeration value="AL"/>
        <xs:enumeration value="AK"/>
        <xs:enumeration value="AS"/>
        <xs:enumeration value="AZ"/>
        <xs:enumeration value="AR"/>
        <xs:enumeration value="CA"/>
        <xs:enumeration value="CO"/>
        <xs:enumeration value="CT"/>
        <xs:enumeration value="DE"/>
        <xs:enumeration value="DC"/>
        <xs:enumeration value="FM"/>
        <xs:enumeration value="FL"/>
        <xs:enumeration value="GA"/>
        <xs:enumeration value="GU"/>
        <xs:enumeration value="HI"/>
        <xs:enumeration value="IL"/>
        <xs:enumeration value="IN"/>
        <xs:enumeration value="IA"/>
        <xs:enumeration value="ID"/>
    </xs:restriction>
</xs:simpleType>

```

```

        <xs:enumeration value="KS"/>
        <xs:enumeration value="KY"/>
        <xs:enumeration value="LA"/>
        <xs:enumeration value="MH"/>
        <xs:enumeration value="MD"/>
        <xs:enumeration value="MA"/>
        <xs:enumeration value="ME"/>
        <xs:enumeration value="MO"/>
        <xs:enumeration value="MI"/>
        <xs:enumeration value="MN"/>
        <xs:enumeration value="MS"/>
        <xs:enumeration value="MT"/>
        <xs:enumeration value="NE"/>
        <xs:enumeration value="NH"/>
        <xs:enumeration value="NV"/>
        <xs:enumeration value="NJ"/>
        <xs:enumeration value="NM"/>
        <xs:enumeration value="NY"/>
        <xs:enumeration value="NC"/>
        <xs:enumeration value="ND"/>
        <xs:enumeration value="MP"/>
        <xs:enumeration value="OH"/>
        <xs:enumeration value="OR"/>
        <xs:enumeration value="OK"/>
        <xs:enumeration value="PW"/>
        <xs:enumeration value="PA"/>
        <xs:enumeration value="PR"/>
        <xs:enumeration value="RI"/>
        <xs:enumeration value="SC"/>
        <xs:enumeration value="SD"/>
        <xs:enumeration value="TN"/>
        <xs:enumeration value="TX"/>
        <xs:enumeration value="UT"/>
        <xs:enumeration value="VT"/>
        <xs:enumeration value="VI"/>
        <xs:enumeration value="VA"/>
        <xs:enumeration value="WA"/>
        <xs:enumeration value="WV"/>
        <xs:enumeration value="WI"/>
        <xs:enumeration value="WY"/>
    </xs:restriction>
</xs:simpleType>

<!--====Status Type  ===-->
<xs:simpleType name="statusType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Accepted"/>
        <xs:enumeration value="Amended"/>
        <xs:enumeration value="Cancelled"/>
        <xs:enumeration value="Counterproposal"/>
        <xs:enumeration value="New"/>
        <xs:enumeration value="NoAction"/>
        <xs:enumeration value="Original"/>
        <xs:enumeration value="PartiallyAccepted"/>
        <xs:enumeration value="Pending"/>
        <xs:enumeration value="Rejected"/>
    
```

```

        <xs:enumeration value="Replaced"/>
    </xs:restriction>
</xs:simpleType>

<!--=== Stop Designator Type ===-->
<!--=== mail.dat element ===-->
<xs:simpleType name="stopDesignatorType">
    <xs:restriction base="mailxml_base:s02"/>
</xs:simpleType>

<!--=== Surcharge type ===-->
<!--=== v9.0 dk added TBD placeholder values ===-->
<xs:simpleType name="surchargeType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="2"/>
        <xs:enumeration value="A"/>
        <xs:enumeration value="D"/>
        <xs:enumeration value="N"/>
        <xs:enumeration value="P"/>
        <xs:enumeration value="E"/>
        <xs:enumeration value="R"/>
        <xs:enumeration value="L"/>
        <xs:enumeration value="TBD_1"/>
        <xs:enumeration value="TBD_2"/>
        <xs:enumeration value="TBD_3"/>
        <xs:enumeration value="TBD_4"/>
        <xs:enumeration value="TBD_5"/>
    </xs:restriction>
</xs:simpleType>

<!--===simpleType T ===-->
<!-- -->
<!-- ===== -->

<!--=== Total Weight Type ===-->
<!--=== mail.dat element ===-->
<xs:simpleType name="totalWeightType">
    <xs:restriction base="mailxml_base:s05"/>
</xs:simpleType>

<!--===Trailer Length Type === from TM-->
<xs:simpleType name="trailerLengthType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="20ft"/>
        <xs:enumeration value="40ft"/>
        <xs:enumeration value="45ft"/>
        <xs:enumeration value="48ft"/>
        <xs:enumeration value="53ft"/>
    </xs:restriction>
</xs:simpleType>

<!--===Transportation Method Type === from TM-->

```

```

<!--==== CR 94 v3.0 dk          =====>
<xs:simpleType name="transportationMethodType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="USPS"/>
    <xs:enumeration value="Mailer"/>
  </xs:restriction>
</xs:simpleType>

<!--==== Trans Ship Bill of Lading Number Type =====>
<!--==== mail.dat element          =====>
<xs:simpleType name="transShipBoLNumberType">
  <xs:restriction base="mailxml_base:s05"/>
</xs:simpleType>

<!--==== Tray Type =====>
<!--==== Added re CR 106 v3.0 dk =====>
<!--==== V6.0 dk standardized on "ft" for "foot" =====>
<xs:simpleType name="trayType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="MixedLengthTrays"/>
    <xs:enumeration value="1ft Tray"/>
    <xs:enumeration value="2ft Tray"/>
    <xs:enumeration value="EMM Tray"/>
    <xs:enumeration value="Flat Tub"/>
  </xs:restriction>
</xs:simpleType>

<!--==== Truck Dispatch Number Type =====>
<!--==== mail.dat element          =====>
<xs:simpleType name="truckDispatchNumberType">
  <xs:restriction base="mailxml_base:s10"/>
</xs:simpleType>

<!--          =====          -->
<!--====simpleType U =====>
<!--          =====          -->
<!--          =====          -->

<!--==== Unit Load Type   from TM=====>

<xs:simpleType name="unitLoadType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="CrossDockPallets"/>
    <xs:enumeration value="WorkingPallets"/>
    <xs:enumeration value="Trailers"/>
  </xs:restriction>
</xs:simpleType>

<!--==== uOM from TM=====>
<xs:simpleType name="uOMType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="AirDryMetricTonne"/>

```

```

<xs:enumeration value="AirDryPercent"/>
<xs:enumeration value="AirDryShortTon"/>
<xs:enumeration value="Bale"/>
<xs:enumeration value="BoardFoot"/>
<xs:enumeration value="BookUnit"/>
<xs:enumeration value="Box"/>
<xs:enumeration value="Bundle"/>
<xs:enumeration value="C-Size"/>
<xs:enumeration value="Centimeter"/>
<xs:enumeration value="Cord"/>
<xs:enumeration value="CubicFoot"/>
<xs:enumeration value="CubicMeter"/>
<xs:enumeration value="Cubit"/>
<xs:enumeration value="Day"/>
<xs:enumeration value="DotsPerInch"/>
<xs:enumeration value="Foot"/>
<xs:enumeration value="Gallon"/>
<xs:enumeration value="Gram"/>
<xs:enumeration value="GramsPerSquareMeter"/>
<xs:enumeration value="Hour"/>
<xs:enumeration value="HundredBoardFeet"/>
<xs:enumeration value="HundredLinealFeet"/>
<xs:enumeration value="HundredPound"/>
<xs:enumeration value="HundredSquareFeet"/>
<xs:enumeration value="Inch"/>
<xs:enumeration value="Kilogram"/>
<xs:enumeration value="KilogramsPerDay"/>
<xs:enumeration value="KilogramsPerWeek"/>
<xs:enumeration value="KnownBreaks"/>
<xs:enumeration value="Layer"/>
<xs:enumeration value="Leaves"/>
<xs:enumeration value="LinearFoot"/>
<xs:enumeration value="LinesPerInch"/>
<xs:enumeration value="Load"/>
<xs:enumeration value="MagazineUnit"/>
<xs:enumeration value="Megabyte"/>
<xs:enumeration value="Meter"/>
<xs:enumeration value="MetricTon"/>
<xs:enumeration value="MetricTonsPerDay"/>
<xs:enumeration value="MetricTonsPerWeek"/>
<xs:enumeration value="Micron"/>
<xs:enumeration value="Millimeter"/>
<xs:enumeration value="Minute"/>
<xs:enumeration value="Month"/>
<xs:enumeration value="None"/>
<xs:enumeration value="Package"/>
<xs:enumeration value="Page"/>
<xs:enumeration value="PagesPerInch"/>
<xs:enumeration value="PalletUnit"/>
<xs:enumeration value="Percentage"/>
<xs:enumeration value="PerThousand"/>
<xs:enumeration value="Picas"/>
<xs:enumeration value="Piece"/>
<xs:enumeration value="PixelsPerInch"/>
<xs:enumeration value="Pound"/>
<xs:enumeration value="PoundsPerDay"/>
<xs:enumeration value="PoundsPerHour"/>

```

```

        <xs:enumeration value="PoundsPerWeek"/>
        <xs:enumeration value="PulpUnit"/>
        <xs:enumeration value="Ream"/>
        <xs:enumeration value="Reel"/>
        <xs:enumeration value="Set"/>
        <xs:enumeration value="Sheet"/>
        <xs:enumeration value="ShortTon"/>
        <xs:enumeration value="ShortTonsPerDay"/>
        <xs:enumeration value="ShortTonsPerHour"/>
        <xs:enumeration value="ShortTonsPerWeek"/>
        <xs:enumeration value="Signature"/>
        <xs:enumeration value="Skid"/>
        <xs:enumeration value="SquareInch"/>
        <xs:enumeration value="SquareFeet"/>
        <xs:enumeration value="SquareMeter"/>
        <xs:enumeration value="ThousandBoardFeet"/>
        <xs:enumeration value="ThousandLinealFeet"/>
        <xs:enumeration value="ThousandPieces"/>
        <xs:enumeration value="ThousandSquareCentimeters"/>
        <xs:enumeration value="ThousandSquareFeet"/>
        <xs:enumeration value="ThousandSquareInch"/>
        <xs:enumeration value="Ton"/>
        <xs:enumeration value="TonsPerHour"/>
        <xs:enumeration value="Unit"/>
        <xs:enumeration value="UnknownBreaks"/>
        <xs:enumeration value="Week"/>
        <xs:enumeration value="Yard"/>
    </xs:restriction>
</xs:simpleType>

<!--=== mail.dat element Unique Container ID ===-->
<xs:simpleType name="uniqueContainerIDType">
    <xs:restriction base="xs:string">
        <xs:maxLength value="12"/>
        <xs:minLength value="1"/>
        <xs:whiteSpace value="preserve"/>
    </xs:restriction>
</xs:simpleType>

<!--=== UserInformationLine 1 Type ===-->
<!--=== mail.dat element ===-->
<xs:simpleType name="userInformationLine1Type">
    <xs:restriction base="mailxml_base:s40"/>
</xs:simpleType>

<!--=== UserInformationLine 2 Type ===-->
<!--=== mail.dat element ===-->
<xs:simpleType name="userInformationLine2Type">
    <xs:restriction base="mailxml_base:s40"/>
</xs:simpleType>

<!--=== mail.dat User License Code element ===-->
<xs:simpleType name="userLicenseCodeType">

```

```

        <xs:restriction base="xs:string">
            <xs:maxLength value="4"/>
            <xs:minLength value="1"/>
            <xs:whiteSpace value="preserve"/>
        </xs:restriction>
    </xs:simpleType>

<!--== USPS Package Unique Characteristic Type ==-->
<!-- V9.0 dk CR 009 added TBD values for future ==-->
<xs:simpleType name="uspsPackageUniqueCharacteristicType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="TBD_1"/>
        <xs:enumeration value="TBD_2"/>
        <xs:enumeration value="TBD_3"/>
        <xs:enumeration value="TBD_4"/>
        <xs:enumeration value="TBD_5"/>
        <xs:enumeration value="TBD_6"/>
        <xs:enumeration value="TBD_7"/>
        <xs:enumeration value="TBD_8"/>
        <xs:enumeration value="TBD_9"/>
        <xs:enumeration value="TBD_10"/>
    </xs:restriction>
</xs:simpleType>

<!--== USPS Pickup Type from TM==-->
<xs:simpleType name="uspsPickupType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Y"/>
        <xs:enumeration value="N"/>
    </xs:restriction>
</xs:simpleType>

<!--== USPS Price Incentive Type ==-->
<!--== dk 9.0 CR 07 ==-->
<xs:simpleType name="USPSPriceIncentiveType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="TBD_1"/>
        <xs:enumeration value="TBD_2"/>
        <xs:enumeration value="TBD_3"/>
        <xs:enumeration value="TBD_4"/>
        <xs:enumeration value="TBD_5"/>
        <xs:enumeration value="TBD_6"/>
        <xs:enumeration value="TBD_7"/>
        <xs:enumeration value="TBD_8"/>
        <xs:enumeration value="TBD_9"/>
        <xs:enumeration value="TBD_10"/>
    </xs:restriction>
</xs:simpleType>

<!--== USPS Price Incentive ID Type ==-->
<!--== dk 9.0 CR 07 ==-->
<xs:simpleType name="USPSPriceIncentiveIDType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="TBD_1"/>
    </xs:restriction>
</xs:simpleType>

```

```

        <xs:enumeration value="TBD_2"/>
        <xs:enumeration value="TBD_3"/>
        <xs:enumeration value="TBD_4"/>
        <xs:enumeration value="TBD_5"/>
        <xs:enumeration value="TBD_6"/>
        <xs:enumeration value="TBD_7"/>
        <xs:enumeration value="TBD_8"/>
        <xs:enumeration value="TBD_9"/>
        <xs:enumeration value="TBD_10"/>
    </xs:restriction>
</xs:simpleType>

<!--=== simpleType V ===-->
<!--      -->
<!--      =====      -->

<!--=== Verification Location Type      ===-->
<!--=== CR 93 v3.0 dk      ===-->
<xs:simpleType name="verificationLocationType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="BMEU"/>
        <xs:enumeration value="DMU"/>
    </xs:restriction>
</xs:simpleType>

<!--=== Verification Report Type      ===-->
<!--=== V7.0      ===-->
<!--=== v7.0A dk IB 07      ===-->
<!--=== V8.0 dk IB 01      ===-->
<xs:simpleType name="verificationReportType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="CSAVerification"/>
        <xs:enumeration
value="ContainerBarcodeVerification"/>
        <xs:enumeration
value="HandlingUnitBarcodeVerification"/>
        <xs:enumeration value="PieceBarcodeVerification"/>
        <xs:enumeration value="ByForConflictVerification"/>
        <xs:enumeration value="ServiceTypeVerification"/>
        <xs:enumeration value="AppointmentVerification"/>
        <xs:enumeration value="MailerIDVerification"/>
        <xs:enumeration value="All"/><!-- All is for the
Query to request all reports -->
        <xs:enumeration value="NoErrors"/><!-- When there are
no errors to report -->
    </xs:restriction>
</xs:simpleType>

<!--=== simpleType W ===-->
<!--      -->

```

```

<!--      =====      -->

<!--==== Wasted Piece Indicator  ===-->
<xs:simpleType name="wastedPieceIndicatorType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="W"/>
    <xs:enumeration value="S"/>
    <xs:enumeration value="X"/>
    <xs:enumeration value="T"/>
  </xs:restriction>
</xs:simpleType>

<!--==== Week Frequency  ===-->
<xs:simpleType name="weekFrequencyType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Weekly"/>
    <xs:enumeration value="Bi-Weekly"/>
    <xs:enumeration value="First"/>
    <xs:enumeration value="Second"/>
    <xs:enumeration value="Third"/>
    <xs:enumeration value="Fourth"/>
    <xs:enumeration value="Fifth"/>
    <xs:enumeration value="Sixth"/>
  </xs:restriction>
</xs:simpleType>

<!--==== Weight Break      ===-->
<!--====      v5.0 dk      ===-->
<xs:simpleType name="weightBreakType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="A"/>
    <xs:enumeration value="B"/>
    <xs:enumeration value="H"/>
    <xs:enumeration value="N"/>
  </xs:restriction>
</xs:simpleType>

<!--      =====      -->
<!--====simpleType Y ===-->
<!--      =====      -->
<!--      =====      -->

<!--==== Yes No ===-->
<xs:simpleType name="yesNo">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Yes"/>
    <xs:enumeration value="No"/>
  </xs:restriction>
</xs:simpleType>

<!--      =====      -->
<!--==== simpleType Z ===-->
<!--      =====      -->
<!--      =====      -->

```

```

<!--====      Zipcode 3 or 5      =====>
<!--====      v5.0 dk      =====>
<!--==== v6.0A dk Errata SM_03      =====>
<!--==== v8.0 dk IB 06      =====>
<xs:simpleType name="zipCodeThreeOrFiveDigit">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]{3}|[0-9]{5}" />
  </xs:restriction>
</xs:simpleType>

<!-- Zone Type -->
<!--====      v5.0 dk      =====>
<!--==== v6.0A dk Errata RS_3      =====>
<!--      N      None
      M      Mixed
      LC      Local
      1      Zone 1 and 2
      3      Zone 3
      4      Zone 4
      5      Zone 5
      6      Zone 6
      7      Zone 7
      8      Zone 8
      ICD      In County DDU
      IC      In County Other
      DDU      Out County DDU
      SCF      Out County DSCF
      ADC      Out County DADC      -->

<!--==== v7.0 dk CR 30      =====>
<xs:simpleType name="zoneICType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="N" />
    <xs:enumeration value="M" />
    <xs:enumeration value="LC" />
    <xs:enumeration value="1" />
    <xs:enumeration value="3" />
    <xs:enumeration value="4" />
    <xs:enumeration value="5" />
    <xs:enumeration value="6" />
    <xs:enumeration value="7" />
    <xs:enumeration value="8" />
    <xs:enumeration value="ICD" />
    <xs:enumeration value="IC" />
    <xs:enumeration value="DDU" />
    <xs:enumeration value="SCF" />
    <xs:enumeration value="ADC" />
  </xs:restriction>
</xs:simpleType>
<!--+++++++>
<!--====      Action Code Type      =====>
<!--====      v5.0 dk      CR 148      =====>
  <xs:simpleType name="onePassOrTwoPassType">

  <xs:annotation><xs:documentation></xs:documentation></xs:annotati
on>

```

```
        <xs:restriction base="xs:string">
            <xs:enumeration value="One"/>
            <xs:enumeration value="Two"/>
        </xs:restriction>
    </xs:simpleType>

</xs:schema>
```

7 mailxml_defs.xsd (Common Definitions)

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:mailxml_defs="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/mailxml_defs"
xmlns:mailxml_base="http://idealliance.org/maildat/Specs/md091/mailxml9
.0/base"
targetNamespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/
mailxml_defs"
elementFormDefault="qualified" attributeFormDefault="qualified"
version="mailxml90060710">

<xs:import
namespace="http://idealliance.org/maildat/Specs/md091/mailxml9.0/base"
schemaLocation="mailxml_base_9DRAFT.xsd"/>

<!--Copyright 2000-2010 International Digital Enterprise Alliance,
Inc. (IDEAlliance). All rights reserved by the Copyright
wner under the laws of the United States. For support, more
information, or to report implementation bugs, please contact
IDEAlliance at
www.idealliance.org.-->

<xs:annotation>
<xs:documentation>
This module contains attribute, element and complex type definitions
that are shared across message modules.
The namespace is mailxml_defs:

+++++
MailXML 8.1 changes are included here: IB_02 thru IB_10: accommodate
the request from PostalOne to enable USPS to support the
industry need for ACS data without requiring job id info
+++++

MailXML 9.0
CR 005: added content placeholder contentType to Document Version Data
for future USPS initiatives
CR 009: Added USPSPackageUniqueCharacteristic placeholder to
ExtraServiceSummaryData, DocumentVersionData, LineItemSummaryData
DA 17: Change CarrierRouteNumber to es4 type
SS 003: Make SortationLevel = containerLevelType
CR 07: Add USPS Price Incentive Element
CR 513: Add Content of Mail for future price incentives
SS 512: Make CSADispatch number optional
</xs:documentation>
</xs:annotation>
```

```
<!--====                      =====                      =====>
<!--====      GLOBAL ATTRIBUTE GROUP DEFINITIONS      =====>
<!--====                      =====                      =====>
<!--====                      =====                      =====>
```

```

        <!--=== Container Group Request Header Info ===-->
        <xs:attributeGroup name="ContainerGroupRequestHeaderInfo">
            <xs:attribute name="SenderContainerGroupID"
type="mailxml_base:s12" use="required"/>
            <xs:attribute name="ReceiverContainerGroupID"
type="mailxml_base:s12" use="optional"/>
        </xs:attributeGroup>

        <!--=== Container Group Response Header Info ===-->
        <xs:attributeGroup name="ContainerGroupResponseHeaderInfo">
            <xs:attribute name="SenderContainerGroupID"
type="mailxml_base:s12" use="required"/>
            <xs:attribute name="ReceiverContainerGroupID"
type="mailxml_base:s12" use="optional"/>
        </xs:attributeGroup>

        <!--=== atts for large transactions ===-->
        <xs:attributeGroup
name="LargeTransactionDividerGroupOptionalType">
            <xs:attribute name="MessageGroupID" type="mailxml_base:s20"
use="optional"/>
            <xs:attribute name="TotalMessageCount"
type="xs:positiveInteger" use="optional"/>
            <xs:attribute name="MessageSerialNumber"
type="xs:positiveInteger" use="optional"/>
            <xs:attribute name="TransmittedRecordCount"
type="xs:positiveInteger" use="optional"/>
            <xs:attribute name="TotalRecordsAcrossMessages"
type="xs:positiveInteger" use="optional"/>
            <xs:attribute name="LastMessage" type="mailxml_base:yesNo"
use="optional" default="No"/>
        </xs:attributeGroup>

        <!--=== atts for large transactions ===-->
        <xs:attributeGroup name="LargeTransactionDividerGroupType">
            <xs:attribute name="MessageGroupID" type="mailxml_base:s20"
use="required"/>
            <xs:attribute name="TotalMessageCount"
type="xs:positiveInteger" use="required"/>
            <xs:attribute name="MessageSerialNumber"
type="xs:positiveInteger" use="required"/>
            <xs:attribute name="TransmittedRecordCount"
type="xs:positiveInteger" use="required"/>
            <xs:attribute name="TotalRecordsAcrossMessages"
type="xs:positiveInteger" use="required"/>
            <xs:attribute name="LastMessage" type="mailxml_base:yesNo"
use="optional" default="No"/>
        </xs:attributeGroup>

        <!--=== for large transactions ===-->
        <xs:attributeGroup
name="MailGroupLargeTransactionDividerGroupType">
            <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>

```

```

        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>
        <xs:attribute name="MessageGroupID" type="mailxml_base:s20"
use="required"/>
        <xs:attribute name="TotalMessageCount"
type="xs:positiveInteger" use="required"/>
        <xs:attribute name="MessageSerialNumber"
type="xs:positiveInteger" use="required"/>
        <xs:attribute name="TransmittedRecordCount"
type="xs:positiveInteger" use="required"/>
        <xs:attribute name="TotalRecordsAcrossMessages"
type="xs:positiveInteger" use="required"/>
        <xs:attribute name="LastMessage" type="mailxml_base:yesNo"
use="optional" default="No"/>
    </xs:attributeGroup>

    <!--== Mail Piece Group Request Header Info ==-->
    <xs:attributeGroup name="MailPieceGroupRequestHeaderInfo">
        <xs:attribute name="SenderMailPieceGroupID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="ReceiverMailPieceGroupID"
type="mailxml_base:s12" use="optional"/>
    </xs:attributeGroup>

    <!--== Mail Piece Group Response Header Info ==-->
    <!--== CR 83 v3.0 dk ==-->
    <xs:attributeGroup name="MailPieceGroupResponseHeaderInfo">
        <xs:attribute name="SenderMailPieceGroupID"
type="mailxml_base:s12" use="required"/>
        <xs:attribute name="ReceiverMailPieceGroupID"
type="mailxml_base:s12" use="required"/>
    </xs:attributeGroup>

    <!--== MailXML Header Info ==-->
    <xs:attributeGroup name="MailXMLHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" />
        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger"/>
        <xs:attribute name="MaildatJobID"
type="mailxml_base:jobIDType" />
        <xs:attribute name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
    </xs:attributeGroup>

    <!--== MailXML Message Header ==-->
    <!--== v5.0 dk ==-->
    <xs:attributeGroup name="MailXMLMessageHeaderInfo">
        <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
        <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>
    </xs:attributeGroup>

```

```

<!--==== MailXML Message Optional Header  ---->
<!--==== v5.0 dk  ---->
<!--==== v6.0A dk Errata sm_15  ---->
<xs:attributeGroup name="MailXMLMessageOptionalHeaderInfo">
  <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25"/>
  <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger"/>
</xs:attributeGroup>

<!--==== Mailing Group Message Header  ---->
<!--==== v5.0 dk  ---->
<xs:attributeGroup name="MailingGroupMessageHeaderInfo">
  <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25"/>
  <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>
</xs:attributeGroup>

<!--==== MailXML Msg Response Header Info  ---->
<!--==== v5.0 DK  ---->
<!--==== v6.0A dk Errata Ib_02  ---->
<!--==== v7.0 dk SM 99  ---->
<xs:attributeGroup name="MailXMLMsgResponseHeaderInfo">
  <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
  <xs:attribute name="MailingGroupID"
type="xs:nonNegativeInteger" use="required"/>
  <!-- <xs:attribute name="TrackingID" type="mailxml_base:s12"/> -
->
  <xs:attribute name="Status"
type="mailxml_base:statusType"/>
</xs:attributeGroup>

<!--==== Mailing Group ID Header Info  ---->
<!--==== v5.0 DK CR 175  ---->
<!--==== v6.0 dk Comment SM13  ---->
<xs:attributeGroup name="MailingGroupIDHeaderInfo">
  <xs:attribute name="CustomerGroupID"
type="mailxml_base:s25" use="required"/>
</xs:attributeGroup>

<!--====AttGroup O ---->
<!-- -->
<!-- ===== -->

<!--====AttGroup P ---->
<!-- -->
<!-- ===== -->

<!--====AttGroup Q ---->
<!-- -->
<!-- ===== -->

```

```

<!--==== Query Message Header====->
<!--==== v6.0B dk errata Ib_04_6.0B ====->
<xs:attributeGroup name="QueryMsgHeaderInfo">
  <xs:attribute name="SchedulerID" type="mailxml_base:s12"
use="required"/>
  <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12" use="required"/>
  <xs:attribute name="ApptType"
type="mailxml_base:apptTypeType" use="required"/>
</xs:attributeGroup>

<!--====AttGroup R ====->
<!-- -->
<!-- ===== -->

<!--==== Request Message Header====->
<!--==== V4.0 dk Comment 16 add PickupOrDelivery attribute to Appt
Requests ====->
<!--==== V7.0A dk GW 01 ====->
<xs:attributeGroup name="RequestMsgHeaderInfo">
  <xs:attribute name="ShipperApptRequestID"
type="mailxml_base:s12" use="required"/>
  <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12"/>
  <xs:attribute name="SchedulerID" type="mailxml_base:s12"/>
  <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12"/>
  <xs:attribute name="SchedulerCRID"
type="mailxml_base:CRIDType"/>
  <xs:attribute name="ShipperMultiStopID"
type="mailxml_base:s12"/>
  <xs:attribute name="ConsigneeMultiStopID"
type="mailxml_base:s12"/>
  <xs:attribute name="ShipperStopNumber"
type="mailxml_base:n06"/>
  <xs:attribute name="ApptType"
type="mailxml_base:apptTypeType" use="required"/>
  <xs:attribute name="PickupOrDelivery"
type="mailxml_base:pickupOrDeliveryType" use="required"/>
  <xs:attribute name="PalletPositionCount"
type="mailxml_base:n02"/>
</xs:attributeGroup>

<!--==== Response Message Header====->
<!--==== v7.0A dk GW01/02 ====->
<xs:attributeGroup name="ResponseMsgHeaderInfo">
  <xs:attribute name="ShipperApptRequestID"
type="mailxml_base:s12" use="required"/>
  <xs:attribute name="ConsigneeApptID"
type="mailxml_base:s12" use="required"/>
  <xs:attribute name="SchedulerID" type="mailxml_base:s12"/>
  <xs:attribute name="SchedulerCorpID"
type="mailxml_base:s12"/>

```

```

        <xs:attribute name="SchedulerCRID"
type="mailxml_base:CRIDType"/>
        <xs:attribute name="ShipperMultiStopID"
type="mailxml_base:s12"/>
        <xs:attribute name="ConsigneeMultiStopID"
type="mailxml_base:s12"/>
        <xs:attribute name="ShipperStopNumber"
type="mailxml_base:n06"/>
        <xs:attribute name="ApptType"
type="mailxml_base:apptTypeType" use="required"/>
        <xs:attribute name="PickupOrDelivery"
type="mailxml_base:pickupOrDeliveryType" use="required"/>
        <xs:attribute name="PalletPositionCount"
type="mailxml_base:n02"/>
    </xs:attributeGroup>

    <!--====AttGroup S ====-->
    <!--          -->
    <!--  =====          -->

    <!--==== Sibling Identifiers  Header Info  ====-->
    <!--==== CR ** v3.0 dk          ====-->
    <!--==== v7.0 dk CR 70          ====-->
    <xs:attributeGroup name="SiblingIdentifierHeaderInfo">
        <xs:annotation>
            <xs:documentation>Group of attributes identifying an
original or sibling container</xs:documentation>
        </xs:annotation>
        <xs:attribute name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType" use="required"/>
        <xs:attribute name="MaildatJobID"
type="mailxml_base:jobIDType" use="required"/>
        <xs:attribute name="ContainerID" type="mailxml_base:s06"
use="required"/>
        <xs:attribute name="UniqueContainerBarcode"
type="mailxml_base:container24CharacterBarcodeType"/>
    </xs:attributeGroup>

    <!--====          =====          ====-->
    <!--====          ELEMENT DEFINITIONS          ====-->
    <!--====          =====          ====-->
    <!--====          =====          ====-->

    <!--==== Container Detail Data          ====-->
    <!--==== V5.0 dk  CR 189          ====-->
    <!--==== V5.0 dk CR 178          ====-->
    <!--==== v6.0 dk RSS14 add MailOwner ====-->
    <!--==== V7.0 DK SM_08, 76,83, DA 07 ====-->

```

```

<!--=== v9.0 dk CR 07          ===-->
<xs:element name="ContainerDetailData">
  <xs:annotation>
    <xs:documentation></xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="MailOwner"
type="mailxml_defs:permitPublicationDataType" minOccurs="0"/>
      <xs:element name="CarrierRouteNumber"
type="mailxml_base:es4" minOccurs="0"/>
      <xs:element name="CumulativePostage"
type="xs:double" minOccurs="0"/>
      <xs:element name="EntryDiscountType"
type="mailxml_base:entryDiscountType"/>
      <xs:element name="MailEndSeqNo"
type="mailxml_base:s50" minOccurs="0"/>
      <xs:element name="MailStartSeqNo"
type="mailxml_base:s50" minOccurs="0"/>
      <xs:element name="Postage" type="xs:double"/>
      <xs:element name="RateLevel"
type="mailxml_base:rateLevelType"/>
      <xs:element name="TotalCopies"
type="xs:nonNegativeInteger"/>
      <xs:element name="TotalPieces"
type="xs:nonNegativeInteger"/>
      <xs:element name="Zone"
type="mailxml_base:zoneICType" minOccurs="0"/>
      <xs:element name="VersionID"
type="mailxml_base:s10" minOccurs="0"/>
      <xs:element name="ZipThreeFive"
type="mailxml_base:zipCodeThreeOrFiveDigit" minOccurs="0"/>
      <xs:element name="InOutCountyIndicator"
type="mailxml_base:inCountyOutCountyIndicatorType" minOccurs="0"/>
      <xs:element name="RateLevelIndicator"
type="mailxml_base:rateLevelIndicatorType" minOccurs="0"/>
      <xs:element
name="ContainerChargeContainerLevel" type="mailxml_base:cccLevelType"
minOccurs="0"/>
      <xs:element name="ActualPieces"
type="xs:nonNegativeInteger" minOccurs="0"/>
      <xs:element name="ServiceLevelIndicator"
type="mailxml_base:serviceLevelIndicatorType"/>
      <xs:element name="USPSPriceIncentiveType"
type="mailxml_base:USPSPriceIncentiveType" minOccurs="0"/>
      <xs:element name="USPSPriceIncentiveID"
type="mailxml_base:USPSPriceIncentiveIDType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<!--=== Container Information Data ===-->
<!--=== V9.0 dk DA 17, SS003          ===-->
<!--=== v9.0 dk CR 07, SS 512          ===-->
  <xs:element name="ContainerInfoData">
    <xs:annotation>
      <xs:documentation></xs:documentation>
    </xs:annotation>
  </xs:element>

```

```

        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="PhysicalPostalCodeEntryPoint"
type="mailxml_base:s06"/>
                <xs:element name="ActualContainerShipDateTime"
type="xs:dateTime" minOccurs="0"/>
                <xs:element name="CSADispatchNumber"
type="mailxml_base:s10" minOccurs="0"/>
                <xs:element name="CSAID"
type="mailxml_base:s10" minOccurs="0"/>
                <xs:element name="CSADispatchTime"
type="xs:time" minOccurs="0"/>
                <xs:element name="CarrierRouteNumber"
type="mailxml_base:es4" minOccurs="0"/>
                <xs:element name="CinCode"
type="mailxml_base:s03" minOccurs="0"/>
                <xs:element name="ContainerBarcode"
type="mailxml_base:container24CharacterBarcodeType" minOccurs="0"/>
                <xs:element
ref="mailxml_defs:ContainerDetailData" minOccurs="0"
maxOccurs="unbounded"/>
                <xs:element name="ContainerDisplayName"
type="mailxml_base:s50" minOccurs="0"/>
                <xs:element name="ContainerType"
type="mailxml_base:mailXMLContainerType"/>
                <xs:element name="IncludedInOtherDoc"
type="mailxml_base:includedInOtherDocType" minOccurs="0"/>
                <xs:element name="ContainerID"
type="mailxml_base:s06"/>
                <xs:element name="ParentContainerID"
type="mailxml_base:s06" minOccurs="0"/>
                <xs:element name="DestinationZip"
type="mailxml_base:zipCodeThreeOrFiveDigit"/>
                <xs:element name="EntryPointFacilityType"
type="mailxml_base:entryFacilityType"/>
                <xs:element name="EntryPointZip"
type="mailxml_base:zipCodeThreeOrFiveDigit"/>
                <xs:element name="EntryLocaleKey"
type="mailxml_base:localeKeyType" minOccurs="0"/>
                <xs:element name="SiblingContainerID"
type="mailxml_base:s06" minOccurs="0"/>
                <xs:element name="ProcessingCategory"
type="mailxml_base:processingCategoryType"/>
                <xs:element name="SortationLevel"
type="mailxml_base:containerLevelType"/>
                <xs:element name="OverflowIndicator"
type="mailxml_base:yesNo" minOccurs="0"/>
                <xs:element name="ScheduledInductionDateTime"
type="xs:dateTime" minOccurs="0"/>
                <xs:element name="ScheduledShipDateTime"
type="xs:dateTime" minOccurs="0"/>
                <xs:element name="USPSPickup"
type="mailxml_base:yesNo"/>
                <xs:element name="MailOwnerCRID"
type="mailxml_base:CRIDType" minOccurs="0"/>
            

```

```

        <xs:element name="ConsigneeContentID"
type="mailxml_base:s09" minOccurs="0"/>
        <xs:element name="ConsigneeApptID"
type="mailxml_base:s10" minOccurs="0"/>
        <xs:element name="PostageStatementMailingDate"
type="xs:date" minOccurs="0"/>
        <xs:element name="ContainerAcceptanceDate"
type="xs:date" minOccurs="0"/>
        <xs:element name="ContainerAcceptanceTime"
type="xs:time" minOccurs="0"/>
        <xs:element name="CarrierID"
type="mailxml_base:s15" minOccurs="0"/>
        <xs:element name="TruckAndDispatchNumber"
type="mailxml_base:s10" minOccurs="0"/>
        <xs:element name="TotalWeightOfContainer"
type="xs:double" minOccurs="0"/>
        <xs:element name="AdditionalTrayPostageAmount"
type="xs:double" minOccurs="0" maxOccurs="1"/>
        <xs:element name="USPSPriceIncentiveType"
type="mailxml_base:USPSPriceIncentiveType" minOccurs="0"/>
        <xs:element name="USPSPriceIncentiveID"
type="mailxml_base:USPSPriceIncentiveIDType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--====Element D====>
<!--      -->
<!--  =====  -->

<!--==== Data Recipient      =====>
<xs:element name="DataRecipient">
<xs:complexType>
    <xs:sequence>
        <xs:element name="CRID" type="mailxml_base:CRIDType"
/>
        <xs:element name="Role"
type="mailxml_base:roleType"/>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--==== Document Version Data With Permit =====>
<!--==== v9.0 dk CR 07      =====>
<xs:element name="DocumentVersionDataWithPermit">
    <xs:annotation>
        <xs:documentation></xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="VersionID" type="mailxml_base:s10"
/>
            <xs:element name="VersionName"
type="mailxml_base:s12" />
            <xs:element name="VersionDescription"
type="mailxml_base:s30" minOccurs="0"/>

```

```

        <xs:element name="PieceWeight" type="xs:double"
minOccurs="0"/>
        <xs:element name="AdPercent"
type="mailxml_base:percentageType" minOccurs="0"/>
        <xs:element name="RateAffixed" type="xs:double"
minOccurs="0"/>
        <xs:element name="PermitPublicationData"
type="mailxml_defs:permitPublicationDataType" minOccurs="0"/>
        <xs:element name="TotalCopies"
type="xs:nonNegativeInteger"/>
        <xs:element name="TotalPieces"
type="xs:nonNegativeInteger"/>
        <xs:element name="USPSPriceIncentiveType"
type="mailxml_base:USPSPriceIncentiveType" minOccurs="0"/>
        <xs:element name="USPSPriceIncentiveID"
type="mailxml_base:USPSPriceIncentiveIDType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
</xs:element>

    <!--==== Document Version Data ====-->
    <!--==== v9.0 dk added content placeholder contentType, CR 07, CR
513  ====-->
        <xs:element name="DocumentVersionData">
            <xs:annotation>
                <xs:documentation></xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="VersionID"
type="mailxml_base:s10" />
                    <xs:element name="VersionName"
type="mailxml_base:s12" />
                    <xs:element name="VersionDescription"
type="mailxml_base:s30" minOccurs="0"/>
                    <xs:element name="PieceWeight"
type="xs:double" />
                    <xs:element name="AdPercent"
type="mailxml_base:percentageType" minOccurs="0"/>
                    <xs:element name="RateAffixed"
type="xs:double" minOccurs="0"/>
                    <xs:element name="ContentOfMailType"
type="mailxml_base:contentOfMailType" minOccurs="0"/>
                    <xs:element name="USPSPriceIncentiveType"
type="mailxml_base:USPSPriceIncentiveType" minOccurs="0"/>
                    <xs:element name="USPSPriceIncentiveID"
type="mailxml_base:USPSPriceIncentiveIDType" minOccurs="0"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>

    <!--====Element E====-->
    <!--      -->
    <!--  =====  -->

```

```

<!--=== Extra Service Data ===-->
<xs:element name="ExtraServiceData">
  <xs:annotation>
    <xs:documentation></xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ServiceCode"
type="mailxml_base:serviceCodeType" />
      <xs:element name="ServiceRate" type="xs:double"
minOccurs="0"/>
      <xs:element name="ServiceSubCode"
type="mailxml_base:serviceSubCodeType" />
      <xs:element name="ServiceValue" type="xs:double" />
      <xs:element name="TotalAmount" type="xs:double"
minOccurs="0"/>
      <xs:element name="TotalPieces"
type="xs:nonNegativeInteger" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

<!--=== Extra Service Summary Data ===-->
<!-- Simple Data Holder for extraServiceSummaryDataType elements
-->
<!--=== v9.0 dk CR 009, 07 ===-->
<xs:element name="ExtraServiceSummaryData">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LineLabel" type="mailxml_base:s80"
minOccurs="0"/>
      <xs:element name="LineNumber" type="mailxml_base:s03"
minOccurs="0"/>
      <xs:element name="Section" type="mailxml_base:s01"
minOccurs="0"/>
      <xs:element name="ServiceCode"
type="mailxml_base:serviceCodeType" />
      <xs:element name="TotalAmount" type="xs:double" />
      <xs:element name="TotalPieces"
type="xs:nonNegativeInteger" />
      <xs:element name="USPSPackageUniqueCharacteristic"
type="mailxml_base:uspsPackageUniqueCharacteristicType" minOccurs="0"/>
      <xs:element name="USPSPriceIncentiveType"
type="mailxml_base:USPSPriceIncentiveType" minOccurs="0"/>
      <xs:element name="USPSPriceIncentiveID"
type="mailxml_base:USPSPriceIncentiveIDType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<!--===Element L===-->
<!-- -->
<!-- ===== -->

```

```

<!--==Large Transaction Divider==-->
<xs:element name="LargeTransactionDivider">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TrackingID"
type="mailxml_base:s12"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<!--==Large Transaction Divider Result==-->
<xs:element name="LargeTransactionDividerResult">
  <xs:complexType>
    <xs:sequence>
      <xs:element
ref="mailxml_defs:LargeTransactionDivider" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<!--== Line Item Summary Data ==-->
<!--== V9.0 DK CR 009 07 ==-->
<xs:element name="LineItemSummaryData">
  <xs:annotation>
    <xs:documentation></xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ProcessingCategory"
type="mailxml_base:processingCategoryType" minOccurs="0"/>
      <xs:element name="BarcodeRate"
type="mailxml_base:barcodeRateType" />
      <xs:element name="EntryDiscount"
type="mailxml_base:entryDiscountType" />
      <xs:element name="LineLabel" type="mailxml_base:s80"
minOccurs="0"/>
      <xs:element name="LineNumber" type="mailxml_base:s03"
minOccurs="0"/>
      <xs:element name="PiecePostage" type="xs:double"
minOccurs="0"/>
      <xs:element name="PieceRate" type="xs:double"
minOccurs="0"/>
      <xs:element name="PostageAmount" type="xs:double"/>
      <xs:element name="PoundPostage" type="xs:double"
minOccurs="0"/>
      <xs:element name="PoundRate" type="xs:double"
minOccurs="0"/>
      <xs:element name="PreparedAsSM"
type="mailxml_base:yesNo" />
      <xs:element name="RateCategory"
type="mailxml_base:rateCategoryType" minOccurs="0" />
      <xs:element name="Section" type="mailxml_base:s01"
minOccurs="0"/>
      <xs:element name="SurchargeType"
type="mailxml_base:surchargeType" />

```

```

        <xs:element name="TotalPieces"
type="xs:nonNegativeInteger" />
        <xs:element name="TotalWeight" type="xs:double"
minOccurs="0"/>
        <xs:element name="WeightBreakType"
type="mailxml_base:weightBreakType" minOccurs="0"/>
        <xs:element name="Zone"
type="mailxml_base:zoneICType" minOccurs="0"/>
        <xs:element name="FlatRateIndicator"
type="mailxml_base:flatRateIndicatorType" minOccurs="0"/>
        <xs:element name="USPSPackageUniqueCharacteristic"
type="mailxml_base:uspsPackageUniqueCharacteristicType" minOccurs="0"/>
        <xs:element name="USPSPriceIncentiveType"
type="mailxml_base:USPSPriceIncentiveType" minOccurs="0"/>
        <xs:element name="USPSPriceIncentiveID"
type="mailxml_base:USPSPriceIncentiveIDType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
</xs:element>

<!--====Element Q====>
<!--      -->
<!--  =====  -->
<!--==== Query Error  ---->
<xs:element name="QueryError">
<xs:annotation>
    <xs:documentation>Error issued when the query data cannot
be provided.</xs:documentation>
</xs:annotation>
    <xs:complexType>
        <xs:sequence><xs:element name="ReturnInfo"
type="mailxml_defs:basicReturnInfoType"/></xs:sequence>
    </xs:complexType>
</xs:element>

<!--====ComplexType A====>
<!--      -->
<!--  =====  -->

<!--==== Address Type ---->
<xs:complexType name="addressType">
    <xs:sequence>
        <xs:element name="Address1" type="mailxml_base:s64"/>
        <xs:element name="Address2" type="mailxml_base:s64"
minOccurs="0"/>
        <xs:element name="Address3" type="mailxml_base:s40"
minOccurs="0"/>
        <xs:element name="Address4" type="mailxml_base:s40"
minOccurs="0"/>
        <xs:element name="City" type="mailxml_base:s45"/>
        <xs:element name="County" type="mailxml_base:s45"
minOccurs="0"/>
        <xs:element name="State"
type="mailxml_base:stateCode"/>

```

```

        <xs:element name="ZipCode"
type="mailxml_defs:zipCode"/>
        <xs:element name="GPSCoordinates"
type="mailxml_defs:gpSCoordinates" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="CommunicationRole"
type="mailxml_base:communicationRoleType"/>
</xs:complexType>

<!--=== Actual Bedload type ===-->
<!--=== V5.0 dk ===-->
<xs:complexType name="actualBedloadType">
    <xs:sequence>
        <xs:choice>
            <xs:element name="ActualBedloadPercent"
type="xs:nonNegativeInteger"/>
            <xs:element name="ActualBedloadCount"
type="xs:nonNegativeInteger"/>
        </xs:choice>
    </xs:sequence>
    <xs:attribute name="HandlingUnit"
type="mailxml_base:palletHandlingUnitType" use="required"/>
</xs:complexType>

<!--=== Actual Pallet Type ===-->
<!--=== V5.0 dk ===-->
<xs:complexType name="actualPalletType">
    <xs:sequence>
        <xs:element name="ActualPalletCount"
type="xs:nonNegativeInteger"/>
    </xs:sequence>
    <xs:attribute name="HandlingUnit"
type="mailxml_base:palletHandlingUnitType" use="required"/>
</xs:complexType>

<!--=== Address Correction Address Type ===-->
<!--=== v9.0 dk DA 15 ===-->
<xs:complexType name="addressCorrectionAddressType">
    <xs:sequence>
        <xs:element name="AddressType"
type="mailxml_base:addressType" minOccurs="0"/>
        <xs:element name="UrbanizationName"
type="mailxml_base:s28" minOccurs="0"/>
        <xs:element name="PrimaryNumber"
type="mailxml_base:s10" minOccurs="0"/>
        <xs:element name="PreDirectional"
type="mailxml_base:s02" minOccurs="0"/>
        <xs:element name="StreetName" type="mailxml_base:s28"
minOccurs="0"/>
        <xs:element name="StreetSuffix"
type="mailxml_base:s04" minOccurs="0"/>
        <xs:element name="PostDirectional"
type="mailxml_base:s02" minOccurs="0"/>

```

```

        <xs:element name="UnitDesignator"
type="mailxml_base:s04" minOccurs="0"/>
        <xs:element name="SecondaryNumber"
type="mailxml_base:s10" minOccurs="0"/>
        <xs:element name="City" type="mailxml_base:s28"
minOccurs="0"/>
        <xs:element name="State"
type="mailxml_base:stateCode" minOccurs="0"/>
        <xs:choice minOccurs="0">
            <xs:sequence>
                <xs:element name="ZipCode"
type="mailxml_base:ns05" />
                <xs:element name="ZipCodePlus4"
type="mailxml_base:ns04" minOccurs="0"/>
            </xs:sequence>
            <xs:element
name="DeliveryPoint11DigitZip" type="mailxml_base:ns11"/>
        </xs:choice>
    </xs:sequence>
</xs:complexType>

<!--====ComplexType B====-->
<!--          -->
<!--          ===== -->

<!--==== Basic Return Info Type =====>
<!--==== Added CR 88, v3.0 dk =====>
    <xs:complexType name="basicReturnInfoType">
        <xs:sequence>
            <xs:sequence minOccurs="0"
maxOccurs="unbounded">
                <xs:element name="ReturnCode"
type="mailxml_base:ns04" minOccurs="0"/>
                <xs:element name="ReturnDescription"
type="mailxml_base:s260"/>
            </xs:sequence>
        </xs:sequence>
    </xs:complexType>

<!--==== Bundle Record Type =====>
<!--==== V5.0 DK =====>
<!--==== v7.0 dk RS 11 =====>
    <xs:complexType name="bundleRecordType">
        <xs:sequence>
            <!-- <xs:element name="PublicationNumber"
type="mailxml_base:s08"/> -->
            <xs:element name="PublicationInfo"
type="mailxml_defs:permitPublicationDataType"/>
            <xs:element name="PublicationTitle"
type="mailxml_base:s60" minOccurs="0"/>
            <xs:element name="PostageStatementLineNumber"
type="mailxml_base:postageStatementLineNumber3Type" minOccurs="0"/>
            <xs:element name="ChargeableContainerLevel"
type="mailxml_base:chargeableContainerLevelType"/>

```

```

        <xs:element name="ChargeableBundleLevel"
type="mailxml_base:chargeableBundleLevelType"/>
        <xs:element name="Bundles" type="xs:double"/>
        <xs:element name="IssueDate" type="xs:date"/>
        <xs:element name="IssueNumber"
type="mailxml_base:s06" minOccurs="0"/>
        <xs:element name="VolumeNumber"
type="mailxml_base:s05" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--=== Bundle Record Type      ===-->
<!--=== V5.0 DK                  ===-->
<!--=== v7.0 dk sp 52, RS 11    ===-->
<xs:complexType name="bundleVersionRecordType">
    <xs:sequence>
        <xs:element ref="mailxml_defs:DocumentVersionData" />
        <xs:element name="PublicationInfo"
type="mailxml_defs:permitPublicationDataType"/>
        <xs:element name="PublicationTitle"
type="mailxml_base:s60" minOccurs="0"/>
        <xs:element name="PostageStatementLineNumber"
type="mailxml_base:postageStatementLineNumber3Type" minOccurs="0"/>
        <xs:element name="ChargeableContainerLevel"
type="mailxml_base:chargeableContainerLevelType"/>
        <xs:element name="ChargeableBundleLevel"
type="mailxml_base:chargeableBundleLevelType"/>
        <xs:element name="Bundles" type="xs:double"/>
        <xs:element name="IssueDate" type="xs:date"/>
        <xs:element name="IssueNumber"
type="mailxml_base:s06" minOccurs="0"/>
        <xs:element name="VolumeNumber"
type="mailxml_base:s05" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--===complexType C===-->
<!--      -->
<!--      =====      -->

<!--=== Certification Data Type      ===-->
<!--=== v5.0 dk                      ===-->
<!--=== v6.0 dk comment 5106        ===-->
<xs:complexType name="certificationDataType">
    <xs:sequence>
        <xs:element name="ContactName"
type="mailxml_base:s40" />
        <xs:element name="PhoneAreaCode"
type="mailxml_base:es3" />
        <xs:element name="PhoneLast4" type="mailxml_base:es4"
/>
        <xs:element name="PhonePrefix"
type="mailxml_base:es3" />
    </xs:sequence>
</xs:complexType>

```

```

<!--=== Common Contact Type === DK V2.1 CR68-->
<xs:complexType name="commonContactType">
  <xs:sequence>
    <xs:element name="ContactName"
type="mailxml_base:s60"/>
    <xs:element name="Telephone"
type="mailxml_base:phoneNumberType" minOccurs="0"/>
    <xs:element name="MobilePhone"
type="mailxml_base:phoneNumberType" minOccurs="0"/>
    <xs:element name="Email"
type="mailxml_base:emailType" minOccurs="0"/>
    <xs:element name="Fax"
type="mailxml_base:phoneNumberType" minOccurs="0"/>
    <xs:element name="GPSCoordinates"
type="mailxml_defs:gpSCoordinates" minOccurs="0"/>
    <xs:element name="ContactID"
type="mailxml_defs:contactIDType" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="ContactType"
type="mailxml_base:contactType" use="required"/>
</xs:complexType>

```

```

<!--=== Contact ID Type === DK V2.1 CR68-->
<xs:complexType name="contactIDType">
  <xs:sequence>
    <xs:element name="IDValue" type="mailxml_base:s30"/>
    <xs:element name="IDValueType"
type="mailxml_base:IDType"/>
  </xs:sequence>
</xs:complexType>

```

```

<!--=== Container Count Type =====>
<xs:complexType name="containerCountType">
  <xs:sequence>
    <xs:element name="OtherType"
type="xs:nonNegativeInteger" minOccurs="0"/>
    <xs:element name="Pallets"
type="xs:nonNegativeInteger" minOccurs="0"/>
    <xs:element name="Sacks" type="xs:nonNegativeInteger"
minOccurs="0"/>
    <xs:element name="Trays1mm"
type="xs:nonNegativeInteger" minOccurs="0"/>
    <xs:element name="Trays2emm"
type="xs:nonNegativeInteger" minOccurs="0"/>
    <xs:element name="Trays2mm"
type="xs:nonNegativeInteger" minOccurs="0"/>
    <xs:element name="TraysFlat"
type="xs:nonNegativeInteger" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>

```

```

<!--== Consignee Facility Type ==-->
<xs:complexType name="consigneeFacilityType">
  <xs:sequence>
    <xs:element name="CompanyName"
type="mailxml_base:s40"/>
    <xs:choice>
      <xs:sequence>
        <xs:element name="FacilityNumber"
type="mailxml_base:s15"/>
        <xs:element name="FacilityAddress"
type="mailxml_defs:addressType" minOccurs="0"/>
      </xs:sequence>
      <xs:element name="FacilityAddress"
type="mailxml_defs:addressType"/>
    </xs:choice>
    <xs:element name="FacilityName"
type="mailxml_base:s40" minOccurs="0"/>
    <xs:element name="FacilityType"
type="mailxml_base:s15" minOccurs="0"/>
    <xs:element name="URL" type="xs:anyURI"
minOccurs="0"/>
    <xs:element name="CommonContact"
type="mailxml_defs:commonContactType" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>

```

```

<!--== Container ID Type ==-->
<!--== V5.0 CR 124 dk ==-->
<xs:complexType name="containerIDType">
  <xs:choice>
    <xs:element name="MaildatContainer"
type="mailxml_defs:maildatContainerIDType"/>
    <xs:element name="MailXMLContainer"
type="mailxml_defs:MailXMLContainerIDType"/>
  </xs:choice>
</xs:complexType>

```

```

<!--== Container Induction Type ==-->
<!--== V7.0A dk SP 2 ==-->
<xs:complexType name="containerInductionInfoType">
  <xs:sequence>
    <xs:element name="ContainerType"
type="mailxml_base:mailXMLContainerType" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>

```

```

<!--== Container Postage Type ==-->
<!--== V7.0A dk CR 141 ==-->
<xs:complexType name="containerPostageType">
  <xs:sequence>
    <xs:element name="ContainerID" type="mailxml_base:s06" />
    <xs:element name="Pieces" type="xs:nonNegativeInteger" />
  </xs:sequence>
</xs:complexType>

```

```

        <xs:element name="Copies" type="xs:nonNegativeInteger" />
    </xs:sequence>
</xs:complexType>

<!--====complexType D====>
<!--          -->
<!--          =====          -->

<!--====complexType E====>
<!--          -->
<!--          =====          -->

<!--====complexType F====>
<!--          -->
<!--          =====          -->

<!--==== Foreign Address Type  ---->
<xs:complexType name="foreignAddressType">
    <xs:sequence>
        <xs:element name="AddressLine1"
type="mailxml_base:s37" minOccurs="0"/>
        <xs:element name="AddressLine2"
type="mailxml_base:s37" minOccurs="0"/>
        <xs:element name="AddressLine3"
type="mailxml_base:s37" minOccurs="0"/>
        <xs:element name="CountryCode"
type="mailxml_base:s03" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--==== Full Container ID Type          ---->
<xs:complexType name="fullContainerIDType">
    <xs:sequence>
        <xs:choice>
            <xs:sequence>
                <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
                <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
            </xs:sequence>
            <xs:sequence>
                <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
                <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
            </xs:sequence>
        </xs:choice>
        <xs:element name="ContainerID"
type="mailxml_base:s06" maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>

```

```

        <xs:element name="UniqueContainerBarcode"
type="mailxml_base:container24CharacterBarcodeType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--====complexType G====->
<!--      -->
<!--      =====      -->

<!--==== GPS Coordinates ====->
<xs:complexType name="gpsCoordinates">
    <xs:sequence>
        <xs:element name="Latitude" type="mailxml_base:dec18-
8"/>
        <xs:element name="Longitude"
type="mailxml_base:dec18-8"/>
        <xs:element name="Height"
type="mailxml_defs:measurementType" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="GPSSystem"
type="mailxml_base:gpssystemType" default="MSL"/>
</xs:complexType>

<!--====complexType H====->
<!--      -->
<!--      =====      -->

<!--====complexType I====->
<!--      -->
<!--      =====      -->

<!--==== Intelligent Barcode Type ====->
<xs:complexType name="intelligentMailBarcodeType">
    <xs:sequence>
        <xs:element name="BarcodeID"
type="mailxml_base:iMBarcodeIDType" minOccurs="0"/>
        <xs:choice minOccurs="0">
            <xs:element name="ServiceTypeCode"
type="mailxml_base:ServiceTypeCodeType"/>
            <xs:element name="MailClass"
type="mailxml_base:mailClassType"/>
        </xs:choice>
        <xs:choice>
            <xs:sequence>
                <xs:element name="MailerID6"
type="mailxml_base:mailerID6Type"/>
                <xs:element name="SerialNumber9"
type="mailxml_base:iMBSerialNumber9Type"/>
            </xs:sequence>
            <xs:sequence>
                <xs:element name="MailerID9"
type="mailxml_base:mailerID9Type"/>
            </xs:sequence>
        </xs:choice>
    </xs:sequence>
</xs:complexType>

```

```

        <xs:element name="SerialNumber6"
type="mailxml_base:iMBSerialNumber6Type"/>
        </xs:sequence>
    </xs:choice>
    <xs:element name="DeliveryPointZIP"
type="mailxml_base:RoutingZipCodeType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--=== Maildat Summary Type===-->
<!--=== Added SchedulerContentID attribute in V2.0 ===-->
<xs:complexType name="maildatSummaryType">
    <xs:sequence>
        <xs:element name="UserLicenseCode"
type="mailxml_base:userLicenseCodeType"/>
        <xs:element name="MaildatJobID"
type="mailxml_base:jobIDType"/>
        <xs:element name="DatabaseContainerID"
type="mailxml_base:databaseContainerIDType"/>
        <xs:element name="UniqueContainerBarcode"
type="mailxml_base:container24CharacterBarcodeType" minOccurs="0"/>
        <xs:element name="VerificationZip4"
type="mailxml_base:ns09" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute name="IncludedInSummarizationBlock"
type="mailxml_base:yesNo" default="No"/>
    <xs:attribute name="SchedulerContentID"
type="mailxml_base:s12"/>
</xs:complexType>

<!--=== MailXML Container Type ===-->
<!--=== v6.0 dk Comment 5109 ===-->
<!--=== v7.0 dk SM_03, SP 24 ===-->
<!--=== v7.0A dk CR 139 ===-->
<xs:complexType name="MailXMLContainerIDType">
    <xs:sequence>
        <xs:element name="MailingGroupID"
type="xs:nonNegativeInteger"/>
        <xs:element name="CustomerGroupID"
type="mailxml_base:s25"/>
        <xs:element name="ContainerID"
type="mailxml_base:s06"/>
        <xs:element name="ContainerBarcode"
type="mailxml_base:container24CharacterBarcodeType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--=== Measurement Type ===-->
<xs:complexType name="measurementType">
    <xs:sequence>
        <xs:element name="Value">
            <xs:complexType>
                <xs:simpleContent>
                    <xs:extension
base="mailxml_base:dec18-8">

```

```

                                <xs:attribute name="UOM"
type="mailxml_base:uOMType" use="required"/>
                                </xs:extension>
                                </xs:simpleContent>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="RangeMin" minOccurs="0">
                                    <xs:complexType>
                                        <xs:simpleContent>
                                            <xs:extension
base="mailxml_base:dec18-8">
                                                <xs:attribute name="UOM"
type="mailxml_base:uOMType" use="required"/>
                                                </xs:extension>
                                                </xs:simpleContent>
                                                </xs:complexType>
                                            </xs:element>
                                            <xs:element name="RangeMax" minOccurs="0">
                                                <xs:complexType>
                                                    <xs:simpleContent>
                                                        <xs:extension
base="mailxml_base:dec18-8">
                                                            <xs:attribute name="UOM"
type="mailxml_base:uOMType" use="required"/>
                                                            </xs:extension>
                                                            </xs:simpleContent>
                                                            </xs:complexType>
                                                        </xs:element>
                                                    </xs:sequence>
                                                </xs:complexType>
                                            </xs:element>
                                </xs:sequence>
                                </xs:complexType>

                                <!--=== maildat Container ID Type ===-->
                                <xs:complexType name="maildatContainerIDType">
                                    <xs:attributeGroup
ref="mailxml_defs:SiblingIdentifierHeaderInfo"/>
                                </xs:complexType>

                                <!--=== Mailer Data Type ===-->
                                <xs:complexType name="mailerDataType">
                                    <xs:sequence>
                                        <xs:element name="Address1" type="mailxml_base:s64"/>
                                        <xs:element name="Address2" type="mailxml_base:s64"
minOccurs="0"/>
                                        <xs:element name="City" type="mailxml_base:s45"
minOccurs="0"/>
                                        <xs:element name="Country" type="mailxml_base:s45"
minOccurs="0"/>
                                        <xs:element name="DunsNumber" type="mailxml_base:s20"
minOccurs="0"/>
                                        <xs:element name="Email"
type="mailxml_base:emailType" minOccurs="0"/>
                                        <xs:element name="MID" type="mailxml_defs:MIDType"
minOccurs="0"/>
                                        <xs:element name="CRID" type="mailxml_base:CRIDType"
minOccurs="0"/>

```

```

        <xs:element name="ContactName"
type="mailxml_base:s60"/>
        <xs:element name="PermitPublicationData"
type="mailxml_defs:permitPublicationDataType" minOccurs="0"/>
        <xs:element name="PhoneAreaCode"
type="mailxml_base:es3"/>
        <xs:element name="PhoneExtension"
type="mailxml_base:s05" minOccurs="0"/>
        <xs:element name="PhoneLast4"
type="mailxml_base:es4"/>
        <xs:element name="PhonePrefix"
type="mailxml_base:es3"/>
        <xs:element name="State"
type="mailxml_base:stateCode" minOccurs="0"/>
        <xs:element name="ZipCode"
type="mailxml_defs:zipCode"/>
        <xs:element name="ZipCode4" type="mailxml_base:es4"
minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

```

```

<!--=== Mailer Data Request Type          =====>
<!--=== V5.0 dk                          =====>
<xs:complexType name="mailerDataRequestType">
    <xs:sequence>
        <xs:element name="MID" type="mailxml_defs:MIDType"
minOccurs="0"/>
        <xs:element name="ContactName"
type="mailxml_base:s60"/>
        <xs:element name="PermitPublicationData"
type="mailxml_defs:permitPublicationDataType" />
    </xs:sequence>
</xs:complexType>

```

```

<!--===== Mail Grouping Data Type      =====>
<xs:complexType name="mailingGroupDataType">
    <xs:sequence>
        <xs:element name="CustomerDescription"
type="mailxml_base:s50" minOccurs="0"/>
        <xs:element name="SubmitterCRID"
type="mailxml_base:CRIDType" />
        <xs:element name="PermitPublicationData"
type="mailxml_defs:permitPublicationDataType" />
        <xs:element name="PostOfficeOfMailingZip"
type="mailxml_base:es5" />
        <xs:element name="MailingFacility"
type="mailxml_base:CRIDType" minOccurs="0"/>
        <xs:element name="MailXMLPresentationCategory"
type="mailxml_base:mailXMLPresentationCategoryType"/>
        <xs:element name="MailerID" type="xs:string"
minOccurs="0"/>
        <xs:element name="FullServiceParticipationIndicator"
type="mailxml_base:fspiType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

```

```

        <xs:element name="MailAgreementType"
type="mailxml_base:mailAgreementTypeType" minOccurs="0"/>
        <xs:element name="ContractNumber"
type="mailxml_base:s20" minOccurs="0"/>
        <xs:element name="OnePassIndicator"
type="mailxml_base:yesNo" minOccurs="0"/>
        <xs:element name="LogicalPhysicalContainerIndicator"
type="mailxml_base:logicalPhysicalContainerIndicatorType"
minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--=== Mail Owner Block Type ===-->
<xs:complexType name="mailOwnerBlockType">
    <xs:sequence>
        <xs:element name="CRID" type="mailxml_base:CRIDType"
minOccurs="0"/>
        <xs:element name="SchedulerID" type="mailxml_base:s12"
minOccurs="0"/>
        <xs:element name="MaildatUserLicense"
type="mailxml_base:userLicenseCodeType" minOccurs="0"/>
        <xs:element name="PermitPublicationData"
type="mailxml_defs:permitPublicationDataType" minOccurs="0"/>
        <xs:choice minOccurs="0">
            <xs:element name="MailOwnerMID6"
type="mailxml_base:ns06"/>
            <xs:element name="MailOwnerMID9"
type="mailxml_base:ns09"/>
        </xs:choice>
    </xs:sequence>
</xs:complexType>

<!--=== Mail Piece Block Group Type ===-->
<xs:complexType name="mailPieceBlockGroupType">
    <xs:sequence>
        <xs:element name="ContainerID"
type="mailxml_base:s06"/>
        <xs:element name="BundleID" type="mailxml_base:s12"
minOccurs="0"/>
        <xs:element name="MailPieceBlock"
type="mailxml_defs:mailPieceBlockType" minOccurs="1"
maxOccurs="unbounded"/>
    </xs:sequence>
</xs:complexType>

<!--=== Mail Piece Block Type ===-->
<!--=== V5.0 dk CR 172 ===-->
<!--=== v6.0B dk Errata PT_01 ===-->
<!--=== V7.0 DK SM_04 SM_06, 44, 82 ===-->
<xs:complexType name="mailPieceBlockType">
    <xs:sequence>
        <xs:element name="ServiceLevelIndicator"
type="mailxml_base:serviceLevelIndicatorType"/>
        <xs:choice minOccurs="0">
            <xs:sequence>

```

```

        <xs:element
name="LOTSequenceDirectionCode" type="mailxml_base:s01"/>
        <xs:element name="LOTSequenceNumber"
type="mailxml_base:ns04"/>
        </xs:sequence>
        <xs:element name="WalkSequenceNumber"
type="mailxml_base:ns05"/>
        </xs:choice>
        <xs:choice minOccurs="0">
            <xs:element name="IMB"
type="mailxml_defs:intelligentMailBarcodeType"/>
            <xs:sequence>
                <xs:element name="PlanetCode"
type="mailxml_base:planetCodeType" minOccurs="0"/>
                <xs:element name="DeliveryPointZIP"
type="mailxml_base:RoutingZipCodeType"/>
            </xs:sequence>
            <xs:sequence>
                <xs:element name="DeliveryContainerID"
type="mailxml_base:ns22"/>
                <xs:element name="DeliveryPointZIP"
type="mailxml_base:RoutingZipCodeType"/>
            </xs:sequence>
        </xs:choice>
        <xs:element name="PieceID" type="mailxml_base:s22"/>
        <xs:element name="WastedPieceIndicator"
type="mailxml_base:wastedPieceIndicatorType" minOccurs="0"/>
        <xs:element name="MLOCRrateANDpostageMarking"
type="mailxml_base:s07" minOccurs="0"/>
        <xs:element name="MoveComplianceUpdateMethod"
type="mailxml_base:moveUpdateMethodType" minOccurs="0"/>
        <xs:element name="MailOwner"
type="mailxml_defs:mailOwnerBlockType" minOccurs="0"/>
        <xs:element name="BarCodeApplicator"
type="mailxml_defs:participantIDType" minOccurs="0"/>
        <xs:element name="MachineID" type="mailxml_base:s04"
minOccurs="0"/>
        <xs:element name="ACSKeyline" type="mailxml_base:s16"
minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

```

```

<!--=== Mail Piece ID Type ===-->
<!--=== CR 83 v3.0 dk ===-->
<xs:complexType name="mailPieceIDType">
    <xs:choice minOccurs="0">
        <xs:element name="IMB"
type="mailxml_defs:intelligentMailBarcodeType"/>
        <xs:sequence>
            <xs:element name="PlanetCode"
type="mailxml_base:planetCodeType" minOccurs="0"/>
            <xs:element name="DeliveryPointZIP"
type="mailxml_base:RoutingZipCodeType"/>
        </xs:sequence>
    </xs:choice>
</xs:complexType>

```

```

        <xs:sequence>
            <xs:element name="DeliveryContainerID"
type="mailxml_base:ns22"/>
            <xs:element name="DeliveryPointZIP"
type="mailxml_base:RoutingZipCodeType"/>
        </xs:sequence>
    </xs:choice>
</xs:complexType>

<!--== MID Type ==-->
<xs:complexType name="MIDType">
<xs:choice>
    <xs:element name="MID6" type="mailxml_base:mailerID6Type"/>
    <xs:element name="MID9" type="mailxml_base:mailerID9Type"/>
</xs:choice>
</xs:complexType>

<!--==complexType N==-->
<!-- -->
<!-- ===== -->

<!--== New Address Correction Address Type ==-->
<xs:complexType name="newAddressCorrectionAddressType">
    <xs:choice>
        <xs:element name="NewDomesticAddress"
type="mailxml_defs:addressCorrectionAddressType"/>
        <xs:element name="NewForeignAddress"
type="mailxml_defs:foreignAddressType"/>
    </xs:choice>
</xs:complexType>

<!--==complexType O==-->
<!-- -->
<!-- ===== -->

<!--==complexType P==-->
<!-- -->
<!-- ===== -->

<!--== Pallet Container Record ==-->
<!--== v5.0 dk ==-->
<!--== v7.0 dk RS 11 ==-->
<xs:complexType name="palletContainerRecordType">
    <xs:sequence>
        <!-- <xs:element name="PublicationNumber"
type="mailxml_base:s08"/> -->
        <xs:element name="PublicationInfo"
type="mailxml_defs:permitPublicationDataType"/>
        <xs:element name="PublicationTitle"
type="mailxml_base:s60" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

```

```

        <xs:element name="PostageStatementLineNumber"
type="mailxml_base:postageStatementLineNumber1Type" minOccurs="0"/>
        <xs:element name="ChargeableContainerLevel"
type="mailxml_base:chargeableContainerLevelType"/>
        <xs:element name="ChargeableEntryLevel"
type="mailxml_base:chargeableEntryLevelType"/>
        <xs:element name="Containers" type="xs:double"/>
        <xs:element name="IssueNumber"
type="mailxml_base:s06" minOccurs="0"/>
        <xs:element name="VolumeNumber"
type="mailxml_base:s05" minOccurs="0"/>
        <xs:element name="IssueDate" type="xs:date"/>
    </xs:sequence>
</xs:complexType>

<!--=== Pallet Container Version Record Type ===-->
<!--=== v7.0 dk SP 52 ===-->
<!--=== v7.0A dk DA 10 ===-->
<xs:complexType name="palletContainerVersionRecordType">
    <xs:sequence>
        <xs:element ref="mailxml_defs:DocumentVersionData" />
        <xs:element name="PublicationInfo"
type="mailxml_defs:permitPublicationDataType"/>
        <xs:element name="PublicationTitle"
type="mailxml_base:s60" minOccurs="0"/>
        <xs:element name="PostageStatementLineNumber"
type="mailxml_base:postageStatementLineNumber1Type" minOccurs="0"/>
        <xs:element name="ChargeableContainerLevel"
type="mailxml_base:chargeableContainerLevelType"/>
        <xs:element name="ChargeableEntryLevel"
type="mailxml_base:chargeableEntryLevelType"/>
        <xs:element name="Containers" type="xs:double"/>
        <xs:element name="IssueNumber"
type="mailxml_base:s06" minOccurs="0"/>
        <xs:element name="VolumeNumber"
type="mailxml_base:s05" minOccurs="0"/>
        <xs:element name="IssueDate" type="xs:date"/>
    </xs:sequence>
</xs:complexType>

<!--=== Participant ID Type ===-->
<!--=== CR 83 v3.0 dk sync with PDRxml ===-->
<!--=== dk 4.0 added maildat User Code per comment resolution
===-->
<!--=== V6.0B dk errata Ib_02_6.0b ===-->
<xs:complexType name="participantIDType">

    <xs:attribute name="MailerID6"
type="mailxml_base:mailerID6Type"/>
    <xs:attribute name="MailerID9"
type="mailxml_base:mailerID9Type"/>
    <xs:attribute name="CRID" type="mailxml_base:CRIDType"/>
    <xs:attribute name="SchedulerID" type="mailxml_base:s12"/>

```

```

        <xs:attribute name="MaildatUserLicense"
type="mailxml_base:userLicenseCodeType"/>
    </xs:complexType>

    <!--=== PDR Mail Piece Block Type    ===-->
    <!--=== V5.0 dk CR 172                ===-->
    <xs:complexType name="PDRMailPieceBlockType">
        <xs:sequence>
            <xs:element name="PackageID"
type="mailxml_base:packageIDType"/>
            <xs:element name="CQTDatabaseID"
type="mailxml_base:CQTdatabaseIDType"/>
            <xs:element name="MailPieceBlock"
type="mailxml_defs:mailPieceBlockType"/>
        </xs:sequence>
    </xs:complexType>

    <!--===== Permit Pubication Data Type    =====>
    <!--=== v5.0 DK    per review comments    ===-->
    <!--=== v7.0 dk SM 32                ===-->
    <xs:complexType name="permitPublicationDataType">
        <xs:choice>
            <xs:sequence>
                <xs:element name="PermitNumber"
type="mailxml_base:s08"/>
                <xs:element name="PermitType"
type="mailxml_base:permitTypeType"/>
                <xs:element name="PermitZip4"
type="mailxml_base:ns09"/>
            </xs:sequence>
            <xs:element name="PublicationNumber"
type="mailxml_base:s08"/>
        </xs:choice>
    </xs:complexType>

    <!--=== Piece Range Block Type    ===-->
    <!--=== V5.0 dk CR 172                ===-->
    <!--=== v6.0 dk standardized on "iMB" comment 5112    ===-->
    <!--=== v7.0 dk SP 09                ===-->
    <!--=== v7.0A dk CR 136                ===-->
    <xs:complexType name="pieceRangeBlockType">
        <xs:sequence>
            <xs:element name="PieceRangeID"
type="mailxml_base:s22" />
            <xs:element name="IMbarcodeLowerSerialization">
                <xs:complexType>
                    <xs:choice>
                        <xs:sequence>
                            <xs:element name="MailerID6"
type="mailxml_base:mailerID6Type"/>

```

```

                                <xs:element
name="SerialNumber9" type="mailxml_base:iMBSerialNumber9Type"/>
                                </xs:sequence>
                                <xs:sequence>
                                    <xs:element name="MailerID9"
type="mailxml_base:mailerID9Type"/>
                                <xs:element
name="SerialNumber6" type="mailxml_base:iMBSerialNumber6Type"/>
                                </xs:sequence>
                                </xs:choice>
                                </xs:complexType>
                            </xs:element>
                            <xs:element name="IMbarcodeUpperSerialization">
                                <xs:complexType>
                                    <xs:choice>
                                        <xs:sequence>
                                            <xs:element name="MailerID6"
type="mailxml_base:mailerID6Type"/>
                                        <xs:element
name="SerialNumber9" type="mailxml_base:iMBSerialNumber9Type"/>
                                        </xs:sequence>
                                        <xs:sequence>
                                            <xs:element name="MailerID9"
type="mailxml_base:mailerID9Type"/>
                                        <xs:element
name="SerialNumber6" type="mailxml_base:iMBSerialNumber6Type"/>
                                        </xs:sequence>
                                    </xs:choice>
                                </xs:complexType>
                            </xs:element>
                            <xs:element name="MailPreparer"
type="mailxml_defs:participantIDType" minOccurs="0"/>
                            <xs:element name="MailOwner"
type="mailxml_defs:participantIDType" minOccurs="0"/>
                            <xs:choice>
                                <xs:element name="ServiceTypeCode"
type="mailxml_base:ServiceTypeCodeType"/>
                                <xs:element name="MailClass"
type="mailxml_base:mailClassType" />
                            </xs:choice>
                            <xs:element name="ServiceLevelIndicator"
type="mailxml_base:serviceLevelIndicatorType"/>
                            <xs:element name="Pieces"
type="xs:nonNegativeInteger" maxOccurs="unbounded"/>
                            <xs:element name="Copies"
type="xs:nonNegativeInteger" maxOccurs="unbounded"/>
                            </xs:sequence>
                        </xs:complexType>

<!--== Presort Type ==-->
<xs:complexType name="presortType">
    <xs:attribute name="MaildatCode"
type="mailxml_base:containerLevelType" use="required"/>
    <xs:attribute name="Count" type="xs:nonNegativeInteger"
use="required"/>

```

```

</xs:complexType>

<!--====complexType Q====->
<!--      -->
<!--      =====      -->

<!--==== Qualification Preparer Data Type =====>
<!--==== v7.0 dk SP 04 =====>
<xs:complexType name="qualificationPreparerDataType">
  <xs:sequence>
    <xs:choice>
      <xs:sequence>
        <xs:element name="PermitNumber"
type="mailxml_base:s08"/>
        <xs:element name="PermitType"
type="mailxml_base:permitTypeType"/>
        <xs:element name="PermitZip4"
type="mailxml_base:ns09"/>
      </xs:sequence>
      <xs:element name="PublicationNumber"
type="mailxml_base:s08"/>
    </xs:choice>
    <xs:choice>
      <xs:element name="MailerID6"
type="mailxml_base:mailerID6Type" minOccurs="0"/>
      <xs:element name="MailerID9"
type="mailxml_base:mailerID9Type" minOccurs="0"/>
    </xs:choice>
    <xs:element name="CRID" type="mailxml_base:CRIDType"
minOccurs="0"/>
  </xs:sequence>
</xs:complexType>

<!--==== Query Error Type =====>
<xs:complexType name="queryErrorType">
  <xs:sequence><xs:element name="ReturnInfo"
type="mailxml_defs:returnInfoType"/></xs:sequence>
</xs:complexType>

<!--====complexType R====->
<!--      -->
<!--      =====      -->

<!--==== Return Info Type =====>
<!--==== ReturnCode / ReturnDescription now 0 to many V1.1 =====>
<xs:complexType name="returnInfoType">
  <xs:sequence>
    <xs:element name="ConsigneeFacility"
type="mailxml_defs:consigneeFacilityType" minOccurs="0"/>
    <xs:sequence minOccurs="0" maxOccurs="unbounded">

```

```

        <xs:element name="ReturnCode"
type="mailxml_base:ns04"/>
        <xs:element name="ReturnDescription"
type="mailxml_base:s260"/>
    </xs:sequence>
</xs:sequence>
</xs:complexType>

<!--====complexType S====->
<!--      -->
<!--      =====      -->

<!--==== Sack Tray Container Record =====>
<!--==== v5.0 dk      =====>
<!--==== V7.0 DK SP 23      =====>
<xs:complexType name="sackTrayContainerRecordType">
    <xs:sequence>
        <xs:element name="PublicationInfo"
type="mailxml_defs:permitPublicationDataType"/>
        <xs:element name="PublicationTitle"
type="mailxml_base:s60" minOccurs="0"/>
        <xs:element name="PostageStatementLineNumber"
type="mailxml_base:postageStatementLineNumber2Type" minOccurs="0"/>
        <xs:element name="ChargeableContainerLevel"
type="mailxml_base:chargeableContainerLevelType"/>
        <xs:element name="ChargeableEntryLevel"
type="mailxml_base:chargeableEntryLevelType"/>
        <xs:element name="Containers" type="xs:double"/>
        <xs:element name="IssueDate" type="xs:date"/>
        <xs:element name="IssueNumber"
type="mailxml_base:s06" minOccurs="0"/>
        <xs:element name="VolumeNumber"
type="mailxml_base:s05" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--==== Sack Tray Container Version Record =====>
<!--==== v7.0 dk SP 52      =====>
<!--==== v5.0 dk      =====>
<!--==== V7.0 dk RS 11      =====>
<xs:complexType name="sackTrayContainerVersionRecordType">
    <xs:sequence>
        <xs:element ref="mailxml_defs:DocumentVersionData" />
        <xs:element name="PublicationInfo"
type="mailxml_defs:permitPublicationDataType"/>
        <xs:element name="PublicationTitle"
type="mailxml_base:s60" minOccurs="0"/>
        <xs:element name="PostageStatementLineNumber"
type="mailxml_base:postageStatementLineNumber2Type" minOccurs="0"/>
        <xs:element name="ChargeableContainerLevel"
type="mailxml_base:chargeableContainerLevelType"/>
        <xs:element name="ChargeableEntryLevel"
type="mailxml_base:chargeableEntryLevelType"/>
        <xs:element name="Containers" type="xs:double"/>
        <xs:element name="IssueDate" type="xs:date"/>
    </xs:sequence>
</xs:complexType>

```

```

        <xs:element name="IssueNumber"
type="mailxml_base:s06" minOccurs="0"/>
        <xs:element name="VolumeNumber"
type="mailxml_base:s05" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

<!--=== Submitting Software ===-->
<!--=== V5.0 dk CR 158 ===-->
<xs:complexType name="submittingSoftwareType">
    <xs:attribute name="SoftwareName" type="xs:string"
use="required"/>
    <xs:attribute name="Vendor" type="xs:string"
use="required"/>
    <xs:attribute name="Version" type="xs:string"
use="required"/>
    <xs:attribute name="ApprovalDate" type="xs:date"/>
    <xs:attribute name="ApprovalKey" type="xs:string"/>
</xs:complexType>

<!--===complexType T===-->
<!-- -->
<!-- ===== -->

<!--===complexType U===-->
<!-- -->
<!-- ===== -->

<!--=== USPS Detail Type === CR 72 and CR 78 v2.1 dk -->
<!--=== v5.0 dk removed rating type during comment period ===-->
<xs:complexType name="uspsDetailType">
    <xs:sequence>
        <xs:element name="USPSMultiApptID"
type="mailxml_base:s12" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="USPSClosedBySV"
type="mailxml_defs:uspsClosedBySVType" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
<!--=== USPS Closed By Surface Visibilitiy Type ===-->
<!--=== Added element in V2.1 CR 72===-->
<xs:complexType name="uspsClosedBySVType">
    <xs:sequence>
        <xs:element name="AutoScan"
type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:element name="ManualScan"
type="xs:nonNegativeInteger" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

```

```

<!--====complexType V====->
<!--          -->
<!--          =====          -->

<!--==== Verification Error Type      ---->
<!--==== V7.0                        ---->
    <xs:complexType name="verificationErrorType">
        <xs:sequence minOccurs="0"
maxOccurs="unbounded">
            <xs:element name="VerificationErrorCode"
type="mailxml_base:ns04" />
            <xs:element
name="VerificationErrorDescription" type="mailxml_base:s260"
minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>

<!--====complexType W====->
<!--          -->
<!--          =====          -->

<!--====complexType X====->
<!--          -->
<!--          =====          -->
<!--====complexType Y====->
<!--          -->
<!--          =====          -->
<!--====complexType Z====->
<!--          -->
<!--          =====          -->
<!--==== Zip Code ---->
<xs:complexType name="zipCode">
    <xs:simpleContent>
        <xs:extension base="mailxml_base:ns09"/>
    </xs:simpleContent>
</xs:complexType>

</xs:schema>

```