



ICAO

International Civil Aviation Organization

Sixteenth Meeting of the Asia/Pacific Air Traffic Flow Management Steering Group (ATFM/SG/16)

Bangkok, Thailand, 06 April – 10 April 2026

Agenda Item 6: Regional ATFM Framework, A-CDM Plan and related Guidance Material

ATFM FIXM MESSAGE DATA ATTRIBUTES AND ASSOCIATED MESSAGE TEMPLATES BASED ON FIXM VERSION 4.3 AS ASIA/PACIFIC REGIONAL STANDARD

(Presented by Hong Kong China, Singapore, and Thailand)

SUMMARY

This paper presents the work on identification, mapping, and development of ATFM FIXM message data attributes and associated message templates based on FIXM version 4.3 to support cross-border ATFM operations, A-CDM, ATFM/A-CDM integration, and traffic synchronization in a SWIM environment in the Asia/Pacific region. This work aims to ensure the consistency, completeness, and readiness of ATFM FIXM message exchanges, in alignment with *Conclusion APANPIRG/35/4*, which agreed on the adoption of FIXM version 4.3 as the regional standard format for cross-broader ATFM operations. Additionally, this paper proposes that the ATFM FIXM message templates outlined herein be adopted as regional standard templates, effective Q1/2027.

1. INTRODUCTION

1.1 The Asia/Pacific Regional Framework for Collaborative Air Traffic Flow Management (ATFM), version 4, identified FIXM version 4.2 (or later), extended where necessary, as the agreed information exchange model for ATFM data exchange between ATFM systems in the Asia/Pacific region.

1.2 With the introduction of Flight and Flow Information for a Collaborative Environment Release 1 (FF-ICE/R1) and following the recommendation of the ICAO ATM Requirements and Performance Panel (ATMRPP) to use FIXM version 4.3 for the FF-ICE/R1 services implementation, FIXM version 4.3 was formalised as the regionally agreed information exchange model for information exchange between operational ATFM systems. This was agreed at ATFM/SG/14 and ATM/SG/12 and subsequently endorsed by APANPIRG/35 through *Conclusion APANPIRG/35/4*.

1.3 In support of cross-border ATFM operations and ATFM/A-CDM integration, successive regional FIXM Extension was developed collaboratively by the ATFM SG and the SWIM Task Force (SWIM TF) and adopted by APANPIRG/36 through *Conclusion APANPIRG/36/12*.

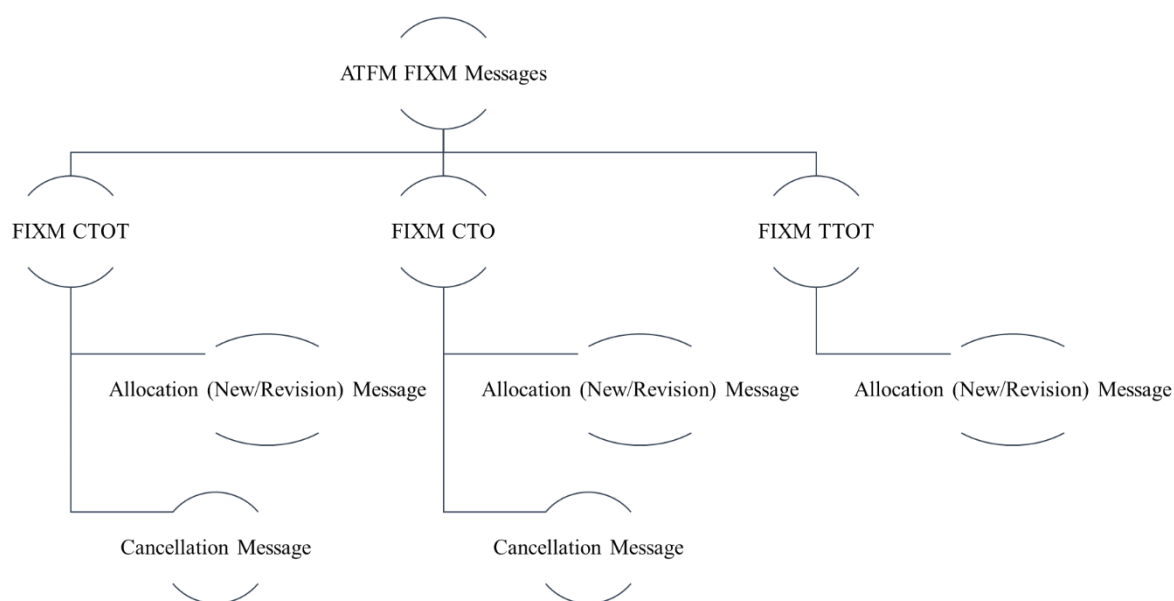
1.4 This provides the foundation for related developments to support harmonised implementation of cross-border ATFM operations, A-CDM, ATFM/A-CDM integration, and traffic synchronisation in a SWIM environment in the Asia/Pacific region. This working paper provides update on the identification, mapping, and development of ATFM FIXM messages data attributes and associated message templates, in FIXM version 4.3, with an aim for adoption as regional standard templates, effective Q1/2027.

2. DISCUSSION

2.1 In line with *Conclusion APANPIRG/35/4* and to ensure readiness of the implementation of ATFM FIXM information exchange, the Technical Sub-Group (TSG) of the Asia-Pacific Cross-Border Multi-Nodal ATFM Collaboration (AMNAC), in collaboration with members of the SWIM TF, identified the ATFM FIXM message data attributes, mapped them to the FIXM version 4.3 Core and Extension, and developed the associated message templates.

2.2 As a follow-up to ATFM/SG/15 WP07 “*Update On FIXM V4.3 Extension Development for Asia/Pacific Region*”, the TSG identified the initial set of ATFM FIXM messages to be exchanged, as follows.

- 2.2.1 “FIXM_CTOT_ALLOCATION” for the exchange of information on newly allocated or revised CTOT;
- 2.2.2 “FIXM_CTOT_CANCELLATION” for the exchange of information on CTOT cancellation;
- 2.2.3 “FIXM_CTO_ALLOCATION” for the exchange of information on newly allocated or revised CTO;
- 2.2.4 “FIXM_CTO_CANCELLATION” for the exchange of information on CTO cancellation; and
- 2.2.5 “FIXM_TTOT_ALLOCATION” for the exchange of information on TTOT.



2.3 The TSG identified the data attributes required for these messages, taking into account alignment with the Asia/Pacific Region AFTN/AMHS-Based Interface Control Document (ICD) for Air Traffic Flow Management. **Appendix A** provides the list of data attributes for the five identified ATFM FIXM messages.

2.4 For purpose of ATFM operations, certain data attributes required are not included in the FIXM version 4.3 Core. Accordingly, an Extension to FIXM version 4.3 was proposed in ATFM/SG/15 WP07 “*Update on FIXM V4.3 Extension Development for Asia/Pacific Region*” and subsequently adopted as the APAC Regional FIXM version 4.3 Extension through *Conclusion APANPIRG/36/12*. **Appendix B** provides the mapping of data attributes to the FIXM version 4.3 Core and the APAC Extension.

2.5 Based on the identified data attributes and their mapping to the FIXM version 4.3, the TSG developed the associated ATFM FIXM message templates (**Appendix C**) to support harmonised and automated message validation.

2.6 As a next step, the TSG targets to develop or update ATFM systems capable of generating and processing these ATFM FIXM messages to support cross-broader ATFM information exchange via SWIM.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) review of ATFM FIXM messages data attributes, mapping, and the associated message templates based on FIXM version 4.3 Core and Extension as shown in Appendix A, B and C;
- c) agree to the adoption of the identified ATFM FIXM messages data attributes, mapping, and the associated message templates, based on FIXM version 4.3, as regional standard templates effective Q1/2027; and
- d) discuss any relevant matters as appropriate.

Draft Conclusion ATFM/SG/16: Adoption of ATFM FIXM Message Data Attributes and Associated Message Templates Based on FIXM Version 4.3 as Asia/Pacific Regional Standard	
<p>What: Adopt the ATFM FIXM message data attributes and associated message templates (Appendix A, B, and C), based on FIXM Version 4.3, as Asia/Pacific regional standard templates effective Q1/2027 to support cross-border ATFM information exchange via SWIM.</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Ops/Technical</p>
<p>Why: To support harmonised and automated message validation for cross-border ATFM system to system data exchanges, in alignment with Conclusion APANPIRG/35/4</p>	<p>Follow-up: <input type="checkbox"/> Required from States</p>
<p>When: 10-Apr-26</p>	<p>Status: Draft to be adopted by Subgroup</p>
<p>Who: <input checked="" type="checkbox"/> Subgroups <input checked="" type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input checked="" type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: SWIM TF</p>	

Appendix A

ATFM Messaged Data Attributes

Data Field	Core/ Ext	FIXM CTOT Allocation	FIXM CTOT Cancellation	FIXM CTO Allocation	FIXM CTO Cancellation	FIXM TTOT Allocation
GUFI	Core	Optional (FIXM/ eFPL)	Optional (FIXM/ eFPL)	Optional (FIXM/ eFPL)	Optional (FIXM/ eFPL)	Optional (FIXM/ eFPL)
ACID	Core	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
ADEP	Core	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
ADES	Core	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
EOBD	Core	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
EOBT	Core	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
CTOT	Core	Mandatory				
CTO	Core			Mandatory		
Flight Level	Core			Optional		
TaxiTime	Ext	Mandatory		Optional		
REGCAUSE	Ext	Mandatory		Mandatory		
REGUL	Ext	Optional		Optional		
REASON	Ext	Optional		Optional		
COMMENT	Ext	Optional		Optional		
TIBT	Ext					Optional
TOBT	Ext					Optional
TSAT	Ext					Optional
TTOT	Ext					Mandatory

Appendix B

ATFM Messaged Data Attributes Mapping based on FIXM version 4.3

Data Attributes	Extension
CTOT	FlightType.routeTrajectoryGroup.negotiating.element.constraint.time.timeSpecification.timeValue = (CTOT) FlightType.routeTrajectoryGroup.negotiating.element.point4D.pointProperty.propertyType = WHEELS_OFF FlightType.routeTrajectoryGroup.negotiating.element.elementStartPoint.aerodromReferencePoint.locationIndicator = FlightType.departure.aerodrome.locationIndicator
CTO	FlightType.routeTrajectoryGroup.negotiating.element.constraint.time.timeSpecification.timeValue = (CTO) FlightType.routeTrajectoryGroup.negotiating.element.elementStartPoint = (point at which CTO is specified)
Flight Level (FL)	FlightType.routeTrajectoryGroup.negotiating.element.constraint.level.level.flightLevel = (FL at the constraint point)
TaxiTime	FlightType.departure.extension.taxiTime = (TaxiTime)
REGCAUSE	
- ATFM Measure Code	FlightType.routeTrajectoryGroup.negotiating.element.constraint.extension.regulationCause.atfmMeasureCode = (ATFM Measure Code)
- ATFM Measure Location	FlightType.routeTrajectoryGroup.negotiating.element.constraint.extension.regulationCause.atfmMeasureLocation = (ATFM Measure Location)
- IATA Delay Code	FlightType.routeTrajectoryGroup.negotiating.element.constraint.extension.regulationCause.iataDelayCode = (IATA Delay Code)
REGUL	4 char = constraint area; 5 char = constraint location; 5 char = DDMMM; 2 char = version number
- Effective Date	FlightType.routeTrajectoryGroup.negotiating.element.constraint.extension.regulationId.effectiveDate = (Effective Date)
- Version	FlightType.routeTrajectoryGroup.negotiating.element.constraint.extension.regulationId.version = (Version)
- Constraint Area	FlightType.routeTrajectoryGroup.negotiating.element.constraint.extension.regulationId.constraintArea = (Constraint Area)
- Constraint Location	FlightType.routeTrajectoryGroup.negotiating.element.constraint.extension.regulationId.constraintLocation = (Constraint Location)

REASON	FlightType.routeTrajectoryGroup.negotiating.element.constraint.extension.reason = (REASON)
COMMENT	FlightType.routeTrajectoryGroup.negotiating.element.constraint.extension.comment = (COMMENT)
TTOT	FlightType.departure.extension.targetTakeOffTime = (TTOT)

Data Attributes	CORE
EOBT	FlightType.departure.estimatedOffBlockTime = (EOBT)
ETO	FlightType.routeTrajectoryGroup.desired.element.point4D.time = (ETO) FlightType.routeTrajectoryGroup.desired.element.elementStartPoint = (point at which ETO is specified)
ELDT	FlightType.routeTrajectoryGroup.desired.element.point4D.time = (ELDT) FlightType.routeTrajectoryGroup.desired.element.point4D.pointProperty.propertyType = WHEELS_ON FlightType.routeTrajectoryGroup.desired.element.elementStartPoint.aerodromReferencePoint.locationIndicator = FlightType.arrival.destinationAerodrome.locationIndicator
EIBT	FlightType.routeTrajectoryGroup.desired.element.point4D.time = (EIBT) FlightType.routeTrajectoryGroup.desired.element.point4D.pointProperty.propertyType = IN_BLOCKS FlightType.routeTrajectoryGroup.desired.element.elementStartPoint.aerodromReferencePoint.locationIndicator = FlightType.arrival.destinationAerodrome.locationIndicator
CLDT	FlightType.routeTrajectoryGroup.negotiating.element.constraint.time.timeSpecification.timeValue = (CLDT) FlightType.routeTrajectoryGroup.negotiating.element.point4D.pointProperty.propertyType = WHEELS_ON FlightType.routeTrajectoryGroup.negotiating.element.elementStartPoint.aerodromReferencePoint.locationIndicator = FlightType.arrival.destinationAerodrome.locationIndicator

Appendix C

ATFM Messages Templates based on FIXM version 4.3

Filename: /ApacAtfmAcdmMessage.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:apacatfmacdm="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3"
elementFormDefault="qualified" version="1.0.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>Define the metadata of information to be used for exchange ATFM and A-CDM in APAC region</xs:documentation>
```

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

```
  <xs:import namespace="http://www.fixm.aero/flight/4.3" schemaLocation="../../core/flight/Flight.xsd"/>
```

```
  <xs:element name="ApacAtfmAcdmMessage" type="apacatfmacdm:ApacAtfmAcdmMessageType">
```

```
    <xs:annotation>
```

```
      <xs:documentation>This ApacAtfmAcdmMessage element is the entry point to the APAC ATFM A-CDM application.</xs:documentation>
```

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

```
  </xs:element>
```

```
  <xs:simpleType name="ApacAtfmAcdmMessageType">
```

```
    <xs:annotation>
```

```
        <xs:documentation>The list of available APAC ATFM A-CDM message type.</xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
        <xs:enumeration value="FIXM_CTO_ALLOCATION"/>
        <xs:enumeration value="FIXM_CTO_CANCELLATION"/>
        <xs:enumeration value="FIXM_CTOT_ALLOCATION"/>
        <xs:enumeration value="FIXM_CTOT_CANCELLATION"/>
        <xs:enumeration value="FIXM_TTOT_ALLOCATION"/>
    </xs:restriction>
</xs:simpleType>
<xs:complexType name="ApacAtfmAcdmMessageType">
    <xs:annotation>
        <xs:documentation>The message for delivering ATFM A-CDM information.</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="type" type="apacatfmacdm:ApacAtfmAcdmMessageTypeType" minOccurs="0" maxOccurs="1"/>
        <xs:element name="flight" type="fx:FlightType" minOccurs="0" maxOccurs="1"/>
    </xs:sequence>
```

</xs:complexType>

</xs:schema>

Filename: /apacatfmacdmmessage templates/ApacAtfmAcdmApacExtension.xsd

<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3" elementFormDefault="qualified" version="4.3.0">

<xs:annotation>

<xs:documentation>Helper schema intended to gather all APAC ATFM A-CDM template schemas for the APAC Extension package namespace into a single import.</xs:documentation>

</xs:annotation>

<xs:include schemaLocation="./calculatedTakeOffTimeAllocation/apacextension/ApacAtfmAcdmCtotAllocation_ApacExtension.xsd"/>

<xs:include schemaLocation="./calculatedTimeOverAllocation/apacextension/ApacAtfmAcdmCtoAllocation_ApacExtension.xsd"/>

<xs:include schemaLocation="./targetTakeOffTimeAllocation/apacextension/ApacAtfmAcdmTtotAllocation_ApacExtension.xsd"/>

</xs:schema>

Filename: /apacatfmacdmmessage templates/ApacAtfmAcdmBase.xsd

```
<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/base/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fb="http://www.fixm.aero/base/4.3"
elementFormDefault="qualified" version="4.3.0">

    <xs:annotation>

        <xs:documentation>Helper schema intended to gather all APAC ATFM A-CDM template schemas for the Base package namespace into a single
import.</xs:documentation>

    </xs:annotation>

    <xs:include schemaLocation="./calculatedTimeOverAllocation/base/ApacAtfmAcdmCtoAllocation_Base.xsd"/>

    <xs:include schemaLocation="./calculatedTimeOverCancellation/base/ApacAtfmAcdmCtoCancellation_Base.xsd"/>

</xs:schema>
```

Filename: /apacatfmacdmmessage templates/ApacAtfmAcdmFlight.xsd

```
<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
elementFormDefault="qualified" version="4.3.0">
```

```
<xs:annotation>
    <xs:documentation>Helper schema intended to gather all APAC ATFM A-CDM template schemas for the Flight package namespace into a single
import.</xs:documentation>
</xs:annotation>
<xs:include schemaLocation="./calculatedTakeOffTimeAllocation/flight/ApacAtfmAcdmCtotAllocation_Flight.xsd"/>
<xs:include schemaLocation="./calculatedTakeOffTimeCancellation/flight/ApacAtfmAcdmCtotCancellation_Flight.xsd"/>
<xs:include schemaLocation="./calculatedTimeOverAllocation/flight/ApacAtfmAcdmCtoAllocation_Flight.xsd"/>
<xs:include schemaLocation="./calculatedTimeOverCancellation/flight/ApacAtfmAcdmCtoCancellation_Flight.xsd"/>
<xs:include schemaLocation="./targetTakeOffTimeAllocation/flight/ApacAtfmAcdmTtotAllocation_Flight.xsd"/>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/ApacAtfmAcdmMessageTemplates.xsd

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema targetNamespace="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:apacatfmacdm="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:apac="http://www.fixm.aero/ext/apac/4.3" xmlns:fb="http://www.fixm.aero/base/4.3"
xmlns:fx="http://www.fixm.aero/flight/4.3" elementFormDefault="qualified" version="1.0.0">
    <xs:annotation>
```

```
<xs:documentation>APAC ATFM A-CDM Message Templates</xs:documentation>
```

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

```
<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="./ApacAtfmAcdmBase.xsd"/>
```

```
<xs:import namespace="http://www.fixm.aero/flight/4.3" schemaLocation="./ApacAtfmAcdmFlight.xsd"/>
```

```
<xs:import namespace="http://www.fixm.aero/ext/apac/4.3" schemaLocation="./ApacAtfmAcdmApacExtension.xsd"/>
```

```
<xs:include schemaLocation="./calculatedTakeOffTimeAllocation/apacatfmacdmmessage/ApacAtfmAcdmCtotAllocation_ApacAtfmAcdmMessage.xsd"/>
```

```
<xs:include  
schemaLocation="./calculatedTakeOffTimeCancellation/apacatfmacdmmessage/ApacAtfmAcdmCtotCancellation_ApacAtfmAcdmMessage.xsd"/>
```

```
<xs:include schemaLocation="./calculatedTimeOverAllocation/apacatfmacdmmessage/ApacAtfmAcdmCtoAllocation_ApacAtfmAcdmMessage.xsd"/>
```

```
<xs:include schemaLocation="./calculatedTimeOverCancellation/apacatfmacdmmessage/ApacAtfmAcdmCtoCancellation_ApacAtfmAcdmMessage.xsd"/>
```

```
<xs:include schemaLocation="./targetTakeOffTimeAllocation/apacatfmacdmmessage/ApacAtfmAcdmTtotAllocation_ApacAtfmAcdmMessage.xsd"/>
```

```
</xs:schema>
```

Filename: /apacatfmacdmmessage/templates/calculatedTakeOffTimeAllocation/CalculatedTakeOffTimeAllocation.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:apacatfmacdm="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:apac="http://www.fixm.aero/ext/apac/4.3" xmlns:fb="http://www.fixm.aero/base/4.3"
xmlns:fx="http://www.fixm.aero/flight/4.3" elementFormDefault="qualified" version="1.0.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>A Calculated Take-Off Time Allocation message template.</xs:documentation>
```

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

```
</xs:schema>
```

Filename:

/apacatfmacdmmessage/templates/calculatedTakeOffTimeAllocation/apacatfmacdmmessage/ApacAtfmAcdmCtotAllocation_ApacAtfmAcdmMessage.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:apacatfmacdm="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:fx="http://www.fixm.aero/flight/4.3" elementFormDefault="qualified" version="1.0.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>A Calculated Take-Off Time Allocation message template for the ApacAtfmAcdmMessage package.</xs:documentation>
```

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

```
  <xs:import namespace="http://www.fixm.aero/flight/4.3" schemaLocation="../flight/ApacAtfmAcdmCtotAllocation_Flight.xsd"/>
```

```
  <xs:include schemaLocation="../../ApacAtfmAcdmMessage.xsd"/>
```

```
<xs:simpleType name="ApacAtfmAcdmCtotAllocation_ApacAtfmAcdmMessageTypeType">
  <xs:restriction base="apacatfmacdm:ApacAtfmAcdmMessageTypeType">
    <xs:enumeration value="FIXM_CTOT_ALLOCATION"/>
  </xs:restriction>
</xs:simpleType>
<xs:complexType name="ApacAtfmAcdmCtotAllocation_ApacAtfmAcdmMessageType">
  <xs:complexContent>
    <xs:restriction base="apacatfmacdm:ApacAtfmAcdmMessageType">
      <xs:sequence>
        <xs:element name="type" type="apacatfmacdm:ApacAtfmAcdmCtotAllocation_ApacAtfmAcdmMessageTypeType"
minOccurs="1" maxOccurs="1"/>
        <xs:element name="flight" type="fx:ApacAtfmAcdmCtotAllocation_FlightType" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeAllocation/apacextension/ApacAtfmAcdmCtotAllocation_ApacExtension.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>A Calculated Take-Off Time Allocation message for the ApacExtension package.</xs:documentation>
```

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

```
  <xs:include schemaLocation="./apacdeparture/ApacAtfmAcdmCtotAllocation_ApacDeparture.xsd"/>
```

```
  <xs:include schemaLocation="./ApacRouteTrajectoryConstraint/ApacAtfmAcdmCtotAllocation_ApacRouteTrajectoryConstraint.xsd"/>
```

```
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeAllocation/apacextension/ApacDeparture/ApacAtfmAcdmCtotAllocation_ApacDeparture.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
<xs:annotation>
  <xs:documentation>The Calculated Take-Off Time Allocation message for the ApacAtfmAcdmMessage package.</xs:documentation>
</xs:annotation>
<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
<xs:include schemaLocation="../../../../../../extensions/apac/Apac.xsd"/>
<xs:complexType name="ApacAtfmAcdmCtotAllocation_ApacDepartureType">
  <xs:complexContent>
    <xs:restriction base="apac:ApacDepartureType">
      <xs:sequence>
        <xs:element name="taxiTime" type="fb:DurationType" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename:

/apacatfmacdmmessage templates/calculatedTakeOffTimeAllocation/apacextension/ApacRouteTrajectoryConstraint/ApacAtfmAcdmCtotAllocation_ApacRouteTrajectoryConstraint.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>The Calculated Take-Off Time Allocation message for the ApacAtfmAcdmMessage package.</xs:documentation>
```

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

```
  <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
```

```
  <xs:include schemaLocation="../../../../../../extensions/apac/Apac.xsd"/>
```

```
  <xs:complexType name="ApacAtfmAcdmCtotAllocation_ApacRouteTrajectoryConstraintType">
```

```
    <xs:complexContent>
```

```
      <xs:restriction base="apac:ApacRouteTrajectoryConstraintType">
```

```
        <xs:sequence>
```

```
          <xs:element name="comment" type="fb:CharacterStringType" minOccurs="0" maxOccurs="1"/>
```

```
          <xs:element name="reason" type="fb:CharacterStringType" minOccurs="0" maxOccurs="1"/>
```

```
          <xs:element name="regulationCause" type="apac:ApacRegulationCauseType" minOccurs="1" maxOccurs="1"/>
```

```
          <xs:element name="regulationId" type="apac:ApacRegulationIdType" minOccurs="0" maxOccurs="2000"/>
```

```
        </xs:sequence>
    </xs:restriction>
</xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeAllocation/flight/ApacAtfmAcdmCtotAllocation_Flight.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
elementFormDefault="qualified" version="4.3.0">
```

```
    <xs:annotation>
```

```
        <xs:documentation>A Calculated Take-Off Time Allocation message for the Flight package.</xs:documentation>
```

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

```
    <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
```

```
    <xs:include schemaLocation="./flightdata/ApacAtfmAcdmCtotAllocation_FlightData.xsd"/>
```

```
    <xs:include schemaLocation="./departure/ApacAtfmAcdmCtotAllocation_Departure.xsd"/>
```

```
<xs:include schemaLocation="./arrival/ApacAtfmAcdmCtotAllocation_Arrival.xsd"/>
```

```
<xs:include schemaLocation="./flightroutetrajectory/ApacAtfmAcdmCtotAllocation_FlightRouteTrajectory.xsd"/>
```

```
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeAllocation/flight/arrival/ApacAtfmAcdmCtotAllocation_Arrival.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="1.0.0">
```

```
<xs:annotation>
```

```
<xs:documentation>A Calculated Take-Off Time Allocation message Arrival template.</xs:documentation>
```

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

```
<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
```

```
<xs:include schemaLocation="../../../../../../core/flight/arrival/Arrival.xsd"/>
```

```
<xs:complexType name="ApacAtfmAcdmCtotAllocation_ArrivalType">
```

```
<xs:complexContent>
```

```
<xs:restriction base="fx:ArrivalType">
```

```
<xs:sequence>
```

```
<xs:element name="destinationAerodrome" type="fb:AerodromeReferenceType" minOccurs="1" maxOccurs="1">
```

```
<xs:annotation>
```

```
<xs:documentation>The aerodrome of intended landing. [ICAO Doc 4444 - extracted from the definition of
```

Destination Alternate]

```
This is the aerodrome at which the flight is scheduled to arrive. [FIXM]</xs:documentation>
```

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

```
</xs:element>
```

```
</xs:sequence>
```

```
</xs:restriction>
```

```
</xs:complexContent>
```

```
</xs:complexType>
```

```
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeAllocation/flight/departure/ApacAtfmAcdmCtotAllocation_Departure.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="1.0.0">

  <xs:annotation>

    <xs:documentation>A Calculated Take-Off Time Allocation message Departure template.</xs:documentation>

  </xs:annotation>

  <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../../../core/base/Base.xsd"/>

  <xs:include schemaLocation="../../../../../../../../core/flight/departure/Departure.xsd"/>

  <xs:complexType name="ApacAtfmAcdmCtotAllocation_DepartureType">

    <xs:complexContent>

      <xs:restriction base="fx:DepartureType">

        <xs:sequence>

          <xs:choice minOccurs="1" maxOccurs="1">

            <xs:element name="departureAerodrome" type="fb:AerodromeReferenceType" minOccurs="1" maxOccurs="1">

              <xs:annotation>

                <xs:documentation>The aerodrome from which the flight departs. [FIXM]</xs:documentation>

              </xs:annotation>

            </xs:element>

          </xs:choice>

        </xs:sequence>

      </xs:restriction>

    </xs:complexContent>

  </xs:complexType>

</xs:schema>
```

```
<xs:choice minOccurs="1" maxOccurs="1">
  <xs:element name="estimatedOffBlockTime" type="fb:DateTimeUtcType" minOccurs="1" maxOccurs="1">
    <xs:annotation>
      <xs:documentation>The estimated time at which the aircraft will commence movement associated
with departure. [ICAO Doc 4444]</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:choice>
<xs:element name="extension" type="fb:DepartureExtensionType" minOccurs="1" maxOccurs="1">
  <xs:annotation>
    <xs:documentation>An extension hook for attaching extension (non-core) classes.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:restriction>
</xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeAllocation/flight/flightdata/ApacAtfmAcdmCtotAllocation_FlightData.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>A Calculated Take-Off Time Allocation message FlightData template.</xs:documentation>
```

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

```
  <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../../../core/base/Base.xsd"/>
```

```
  <xs:include schemaLocation="./flightroutetrajectory/ApacAtfmAcdmCtotAllocation_RouteTrajectory.xsd"/>
```

```
  <xs:include schemaLocation="./arrival/ApacAtfmAcdmCtotAllocation_Arrival.xsd"/>
```

```
  <xs:include schemaLocation="./departure/ApacAtfmAcdmCtotAllocation_Departure.xsd"/>
```

```
  <xs:include schemaLocation="../../../../../../../../core/flight/flightdata/FlightData.xsd"/>
```

```
  <xs:complexType name="ApacAtfmAcdmCtotAllocation_FlightType">
```

```
    <xs:complexContent>
```

```
      <xs:restriction base="fx:FlightType">
```

```

                <xs:sequence>
                    <xs:element name="arrival" type="fx:ApacAtfmAcdmCtotAllocation_ArrivalType" minOccurs="1" maxOccurs="1"/>
                    <xs:element name="departure" type="fx:ApacAtfmAcdmCtotAllocation_DepartureType" minOccurs="1" maxOccurs="1"/>
                    <xs:element name="flightIdentification" type="fx:ApacAtfmAcdmCtotAllocation_FlightIdentificationType" minOccurs="1"
maxOccurs="1"/>
                    <xs:element name="routeTrajectoryGroup" type="fx:ApacAtfmAcdmCtotAllocation_RouteTrajectoryGroupContainerType"
minOccurs="1" maxOccurs="1"/>
                </xs:sequence>
            </xs:restriction>
        </xs:complexContent>
    </xs:complexType>
    <xs:complexType name="ApacAtfmAcdmCtotAllocation_FlightIdentificationType">
        <xs:complexContent>
            <xs:restriction base="fx:FlightIdentificationType">
                <xs:sequence>
                    <xs:element name="aircraftIdentification" type="fb:AircraftIdentificationType" minOccurs="1" maxOccurs="1"
nillable="true">
                        <xs:annotation>
```

<xs:documentation>A group of letters, figures or a combination thereof which is either identical to, or the coded equivalent of, the aircraft call sign to be used in air-ground communications, and which is used to identify the aircraft in ground-ground air traffic services communications. [ICAO Doc 4444]</xs:documentation>

</xs:annotation>

</xs:element>

<xs:choice minOccurs="0" maxOccurs="1">

<xs:element name="gufi" type="fb:GloballyUniqueFlightIdentifierType" minOccurs="1" maxOccurs="1"

nillable="true">

<xs:annotation>

<xs:documentation>A single reference for FF-ICE information pertinent to a flight that is unique globally. [ICAO Doc 9965]

This is a reference that uniquely identifies a specific flight and is independent of any particular system. [FIXM]</xs:documentation>

</xs:annotation>

</xs:element>

</xs:choice>

</xs:sequence>

</xs:restriction>

</xs:complexContent>

</xs:complexType>

<xs:complexType name="ApacAtfmAcdmCtotAllocation_RouteTrajectoryGroupContainerType">

```
<xs:complexContent>
  <xs:restriction base="fx:RouteTrajectoryGroupContainerType">
    <xs:sequence>
      <xs:element name="negotiating" type="fx:ApacAtfmAcdmCtot_RouteTrajectoryGroupType" minOccurs="1"
maxOccurs="1"/>
    </xs:sequence>
  </xs:restriction>
</xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeAllocation/flight/flightroutetrajectory/ApacAtfmAcdmCtotAllocation_Constraints.xsd

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
  <xs:annotation>
    <xs:documentation>A Calculated Take-Off Time Allocation message Constraint template.</xs:documentation>
```

```
</xs:annotation>

<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>

<xs:include schemaLocation="../../../../../../core/flight/flightroutetrajectory/Constraints.xsd"/>

<xs:complexType name="ApacAtfmAcadmCtotAllocation_RouteTrajectoryConstraintType">
  <xs:complexContent>
    <xs:restriction base="fx:RouteTrajectoryConstraintType">
      <xs:sequence>
        <xs:element name="extension" type="fb:RouteTrajectoryConstraintExtensionType" minOccurs="1" maxOccurs="1">
          <xs:annotation>
            <xs:documentation>An extension hook for attaching extension (non-core) classes.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="time" type="fx:ApacAtfmAcadmCtotAllocation_TimeConstraintType" minOccurs="1"
maxOccurs="1"/>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
```

```
<xs:complexType name="ApacAtfmAcdmCtotAllocation_TimeConstraintType">
  <xs:complexContent>
    <xs:restriction base="fx:TimeConstraintType">
      <xs:sequence>
        <xs:element name="timeSpecification" type="fb:TimeChoiceType" minOccurs="1" maxOccurs="1" nillable="true">
          <xs:annotation>
            <xs:documentation>Date and time associated with the constraint.</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename:

/apacatfmacdmmessage templates/calculatedTakeOffTimeAllocation/flight/flightroutetrajectory/ApacAtfmAcdmCtotAllocation_FlightRouteTrajectory.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>A Calculated Take-Off Time Allocation message FlightRouteTrajectory template.</xs:documentation>
```

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

```
  <xs:include schemaLocation="./ApacAtfmAcdmCtotAllocation_Constraints.xsd"/>
```

```
  <xs:include schemaLocation="./ApacAtfmAcdmCtotAllocation_RouteTrajectory.xsd"/>
```

```
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeAllocation/flight/flightroutetrajectory/ApacAtfmAcdmCtotAllocation_RouteTrajectory.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
  <xs:annotation>
```

```
<xs:documentation>A Calculated Take-Off Time Allocation message RouteTrajectory template.</xs:documentation>

</xs:annotation>

<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>

<xs:include schemaLocation="ApacAtfmAcdmCtotAllocation_Constraints.xsd"/>

<xs:include schemaLocation="../../../../../../core/flight/flightroutetrajectory/RouteTrajectory.xsd"/>

<xs:simpleType name="ApacAtfmAcdmCtot_TrajectoryPointPropertyTypeType">

  <xs:restriction base="fx:TrajectoryPointPropertyTypeType">

    <xs:enumeration value="WHEELS_OFF"/>

  </xs:restriction>

</xs:simpleType>

<xs:complexType name="ApacAtfmAcdmCtot_RouteTrajectoryElementType">

  <xs:complexContent>

    <xs:restriction base="fx:RouteTrajectoryElementType">

      <xs:sequence>

        <xs:element name="constraint" type="fx:ApacAtfmAcdmCtotAllocation_RouteTrajectoryConstraintType" minOccurs="1"

maxOccurs="1"/>

        <xs:element name="elementStartPoint" type="fb:SignificantPointChoiceType" minOccurs="0" maxOccurs="1"

nillable="true"/>

      </xs:sequence>

    </xs:restriction>

  </xs:complexContent>

</xs:complexType>

</xs:annotation>
```

<xs:documentation>A specified geographical location used in defining the flight route or expanded route.

[FIXM]</xs:documentation>

</xs:annotation>

</xs:element>

<xs:element name="extension" type="fb:RouteTrajectoryElementExtensionType" minOccurs="0" maxOccurs="2000"

nillable="true">

<xs:annotation>

<xs:documentation>An extension hook for attaching extension (non-core) classes.</xs:documentation>

</xs:annotation>

</xs:element>

<xs:element name="point4D" type="fx:ApacAtfmAcdmCtot_TrajectoryPoint4DType" minOccurs="1" maxOccurs="1"/>

</xs:sequence>

</xs:restriction>

</xs:complexContent>

</xs:complexType>

<xs:complexType name="ApacAtfmAcdmCtot_RouteTrajectoryGroupType">

<xs:complexContent>

<xs:restriction base="fx:RouteTrajectoryGroupType">

<xs:sequence>

```
maxOccurs="1"/>
    <xs:element name="element" type="fx:ApacAtfmAcdmCtot_RouteTrajectoryElementType" minOccurs="1"
    </xs:sequence>
    </xs:restriction>
    </xs:complexContent>
</xs:complexType>
<xs:complexType name="ApacAtfmAcdmCtot_TrajectoryPoint4DType">
    <xs:complexContent>
        <xs:restriction base="fx:TrajectoryPoint4DType">
            <xs:sequence>
                <xs:element name="pointProperty" type="fx:ApacAtfmAcdmCtot_TrajectoryPointPropertyType" minOccurs="0"
maxOccurs="2000"/>
            </xs:sequence>
        </xs:restriction>
    </xs:complexContent>
</xs:complexType>
<xs:complexType name="ApacAtfmAcdmCtot_TrajectoryPointPropertyType">
    <xs:complexContent>
        <xs:restriction base="fx:TrajectoryPointPropertyType">
```

```
<xs:sequence>
    <xs:element name="propertyType" type="fx:ApacAtfmAcdmCtot_TrajectoryPointPropertyType" minOccurs="1"
maxOccurs="1"/>
</xs:sequence>
</xs:restriction>
</xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeCancellation/CalculatedTakeOffTimeCancellation.xsd

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema targetNamespace="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:apacatfmacdm="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3"
xmlns:apac="http://www.fixm.aero/ext/apac/4.3" elementFormDefault="qualified" version="1.0.0">
    <xs:annotation>
        <xs:documentation>A Calculated Take-Off Time Cancellation message template.</xs:documentation>
    </xs:annotation>
```

```
<xs:include
schemaLocation="./calculatedTakeOffTimeCancellation/apacatfmacdmmessage/ApacAtfmAcdmCtotCancellation_ApacAtfmAcdmMessage.xsd"/>
</xs:schema>
```

Filename:

/apacatfmacdmmessage/templates/calculatedTakeOffTimeCancellation/apacatfmacdmmessage/ApacAtfmAcdmCtotCancellation_ApacAtfmAcdmMessage.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:apacatfmacdm="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:fx="http://www.fixm.aero/flight/4.3" elementFormDefault="qualified" version="1.0.0">
```

```
<xs:annotation>
```

```
<xs:documentation>A Calculated Take-Off Time Cancellation message template for the ApacAtfmAcdmMessage package.</xs:documentation>
```

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

```
<xs:import namespace="http://www.fixm.aero/flight/4.3" schemaLocation="../flight/ApacAtfmAcdmCtotCancellation_Flight.xsd"/>
```

```
<xs:include schemaLocation="../../ApacAtfmAcdmMessage.xsd"/>
```

```
<xs:simpleType name="ApacAtfmAcdmCtotCancellation_ApacAtfmAcdmMessageTypeType">
```

```
<xs:restriction base="apacatfmacdm:ApacAtfmAcdmMessageTypeType">
```

```
<xs:enumeration value="FIXM_CTOT_CANCELLATION"/>
```

```
</xs:restriction>
</xs:simpleType>
<xs:complexType name="ApacAtfmAcdmCtotCancellation_ApacAtfmAcdmMessageType">
  <xs:complexContent>
    <xs:restriction base="apacatfmacdm:ApacAtfmAcdmMessageType">
      <xs:sequence>
        <xs:element name="type" type="apacatfmacdm:ApacAtfmAcdmCtotCancellation_ApacAtfmAcdmMessageTypeType"
minOccurs="1" maxOccurs="1"/>
        <xs:element name="flight" type="fx:ApacAtfmAcdmCtotCancellation_FlightType" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeCancellation/apacextension/ApacAtfmAcdmCtotCancellation_ApacExtension.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>A Calculated Take-Off Time Cancellation message for the ApacExtension package.</xs:documentation>
```

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

```
  <xs:include schemaLocation="./apacdeparture/ApacAtfmAcdmCtotCancellation_ApacDeparture.xsd"/>
```

```
</xs:schema>
```

Filename:

/apacatfmacdmmessage templates/calculatedTakeOffTimeCancellation/apacextension/ApacDeparture/ApacAtfmAcdmCtotCancellation_ApacDeparture.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>The Calculated Take-Off Time Cancellation message for the ApacAtfmAcdmMessage package.</xs:documentation>
```

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

```
<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
<xs:include schemaLocation="../../../../../../extensions/apac/Apac.xsd"/>
<xs:complexType name="ApacAtfmAcdmCtot_ApacDepartureType">
  <xs:complexContent>
    <xs:restriction base="apac:ApacDepartureType">
      <xs:sequence>
        <xs:element name="taxiTime" type="fb:DurationType" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeCancellation/flight/ApacAtfmAcdmCtotCancellation_Flight.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
elementFormDefault="qualified" version="4.3.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>A Calculated Take-Off Time Cancellation message for the Flight package.</xs:documentation>
```

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

```
  <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
```

```
  <xs:include schemaLocation="./flightdata/ApacAtfmAcdmCtotCancellation_FlightData.xsd"/>
```

```
  <xs:include schemaLocation="./departure/ApacAtfmAcdmCtotCancellation_Departure.xsd"/>
```

```
  <xs:include schemaLocation="./arrival/ApacAtfmAcdmCtotCancellation_Arrival.xsd"/>
```

```
  <xs:include schemaLocation="./flightroutetrajectory/ApacAtfmAcdmCtotCancellation_FlightRouteTrajectory.xsd"/>
```

```
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeCancellation/flight/arrival/ApacAtfmAcdmCtotCancellation_Arrival.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="1.0.0">
```

```
  <xs:annotation>
```

```
<xs:documentation>A Calculated Take-Off Time Cancellation message Arrival template.</xs:documentation>
```

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

```
<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
```

```
<xs:include schemaLocation="../../../../../../core/flight/arrival/Arrival.xsd"/>
```

```
<xs:complexType name="ApacAtfmAcdmCtotCancellation_ArrivalType">
```

```
<xs:complexContent>
```

```
<xs:restriction base="fx:ArrivalType">
```

```
<xs:sequence>
```

```
<xs:element name="destinationAerodrome" type="fb:AerodromeReferenceType" minOccurs="1" maxOccurs="1">
```

```
<xs:annotation>
```

```
<xs:documentation>The aerodrome of intended landing. [ICAO Doc 4444 - extracted from the definition of
```

Destination Alternate]

```
This is the aerodrome at which the flight is scheduled to arrive. [FIXM]</xs:documentation>
```

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

```
</xs:element>
```

```
</xs:sequence>
```

```
</xs:restriction>
```

```
</xs:complexContent>
```

</xs:complexType>

</xs:schema>

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeCancellation/flight/departure/ApacAtfmAcdmCtotCancellation_Departure.xsd

<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="1.0.0">

<xs:annotation>

<xs:documentation>A Calculated Take-Off Time Cancellation message Departure template.</xs:documentation>

</xs:annotation>

<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>

<xs:include schemaLocation="../../../../../../core/flight/departure/Departure.xsd"/>

<xs:complexType name="ApacAtfmAcdmCtotCancellation_DepartureType">

<xs:complexContent>

<xs:restriction base="fx:DepartureType">

<xs:sequence>

```
<xs:choice minOccurs="1" maxOccurs="1">
  <xs:element name="departureAerodrome" type="fb:AerodromeReferenceType" minOccurs="1" maxOccurs="1">
    <xs:annotation>
      <xs:documentation>The aerodrome from which the flight departs. [FIXM]</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:choice>
<xs:choice minOccurs="1" maxOccurs="1">
  <xs:element name="estimatedOffBlockTime" type="fb:DateTimeUtcType" minOccurs="1" maxOccurs="1">
    <xs:annotation>
      <xs:documentation>The estimated time at which the aircraft will commence movement associated
with departure. [ICAO Doc 4444]</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:choice>
</xs:sequence>
</xs:restriction>
</xs:complexContent>
```

</xs:complexType>

</xs:schema>

Filename: /apacatfmacdmmessage templates/calculatedTakeOffTimeCancellation/flight/flightdata/ApacAtfmAcdmCtotCancellation_FlightData.xsd

<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">

<xs:annotation>

<xs:documentation>A Calculated Take-Off Time Cancellation message FlightData template.</xs:documentation>

</xs:annotation>

<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>

<xs:include schemaLocation="../../flighttroutetrajectory/ApacAtfmAcdmCtotCancellation_RouteTrajectory.xsd"/>

<xs:include schemaLocation="../../arrival/ApacAtfmAcdmCtotCancellation_Arrival.xsd"/>

<xs:include schemaLocation="../../departure/ApacAtfmAcdmCtotCancellation_Departure.xsd"/>

<xs:include schemaLocation="../../../../../../core/flight/flightdata/FlightData.xsd"/>

<xs:complexType name="ApacAtfmAcdmCtotCancellation_FlightType">

```
<xs:complexContent>
  <xs:restriction base="fx:FlightType">
    <xs:sequence>
      <xs:element name="arrival" type="fx:ApacAtfmAcdmCtotCancellation_ArrivalType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="departure" type="fx:ApacAtfmAcdmCtotCancellation_DepartureType" minOccurs="1"
maxOccurs="1"/>
      <xs:element name="flightIdentification" type="fx:ApacAtfmAcdmCtotCancellation_FlightIdentificationType"
minOccurs="1" maxOccurs="1"/>
      <xs:element name="routeTrajectoryGroup"
type="fx:ApacAtfmAcdmCtotCancellation_RouteTrajectoryGroupContainerType" minOccurs="0" maxOccurs="1"/>
    </xs:sequence>
  </xs:restriction>
</xs:complexContent>
</xs:complexType>
<xs:complexType name="ApacAtfmAcdmCtotCancellation_FlightIdentificationType">
  <xs:complexContent>
    <xs:restriction base="fx:FlightIdentificationType">
      <xs:sequence>
        <xs:element name="aircraftIdentification" type="fb:AircraftIdentificationType" minOccurs="1" maxOccurs="1"
nillable="true"/>

```

<xs:annotation>

<xs:documentation>A group of letters, figures or a combination thereof which is either identical to, or the coded equivalent of, the aircraft call sign to be used in air-ground communications, and which is used to identify the aircraft in ground-ground air traffic services communications. [ICAO Doc 4444]</xs:documentation>

</xs:annotation>

</xs:element>

<xs:choice minOccurs="0" maxOccurs="1">

<xs:element name="gufi" type="fb:GloballyUniqueFlightIdentifierType" minOccurs="1" maxOccurs="1" nillable="true">

<xs:annotation>

<xs:documentation>A single reference for FF-ICE information pertinent to a flight that is unique globally. [ICAO Doc 9965]

This is a reference that uniquely identifies a specific flight and is independent of any particular system. [FIXM]</xs:documentation>

</xs:annotation>

</xs:element>

</xs:choice>

</xs:sequence>

</xs:restriction>

</xs:complexContent>

</xs:complexType>

```
<xs:complexType name="ApacAtfmAcdmCtotCancellation_RouteTrajectoryGroupContainerType">
  <xs:complexContent>
    <xs:restriction base="fx:RouteTrajectoryGroupContainerType">
      <xs:sequence>
        <xs:element name="negotiating" type="fx:ApacAtfmAcdmCtotCancellation_RouteTrajectoryGroupType" minOccurs="1"
maxOccurs="1"/>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename:

/apacatfmacdmmessage templates/calculatedTakeOffTimeCancellation/flight/flightroutetrajectory/ApacAtfmAcdmCtotCancellation_FlightRouteTrajectory.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
elementFormDefault="qualified" version="4.3.0">
```

```
<xs:annotation>
    <xs:documentation>A Calculated Take-Off Time Cancellation message FlightRouteTrajectory template.</xs:documentation>
</xs:annotation>
<xs:include schemaLocation="./ApacAtfmAcdmCtotCancellation_RouteTrajectory.xsd"/>
</xs:schema>
```

Filename:
/apacatfmacdmmessage templates/calculatedTakeOffTimeCancellation/flight/flightroutetrajectory/ApacAtfmAcdmCtotCancellation_RouteTrajectory.xsd

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
    <xs:annotation>
        <xs:documentation>A Calculated Take-Off Time Cancellation message RouteTrajectory template.</xs:documentation>
    </xs:annotation>
    <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
    <xs:include schemaLocation="../../../../../../core/flight/flightroutetrajectory/RouteTrajectory.xsd"/>
    <xs:simpleType name="ApacAtfmAcdmCtotCancellation_TrajectoryPointPropertyType">
```

```
<xs:restriction base="fx:TrajectoryPointPropertyType">
    <xs:enumeration value="WHEELS_OFF"/>
</xs:restriction>
</xs:simpleType>
<xs:complexType name="ApacAtfmAcdmCtotCancellation_RouteTrajectoryElementType">
    <xs:complexContent>
        <xs:restriction base="fx:RouteTrajectoryElementType">
            <xs:sequence>
                <xs:element name="elementStartPoint" type="fb:SignificantPointChoiceType" minOccurs="0" maxOccurs="1"
nillable="true">
                    <xs:annotation>
                        <xs:documentation>A specified geographical location used in defining the flight route or expanded route.
[FXM]</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="extension" type="fb:RouteTrajectoryElementExtensionType" minOccurs="0" maxOccurs="2000"
nillable="true">
                    <xs:annotation>
                        <xs:documentation>An extension hook for attaching extension (non-core) classes.</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:restriction>
    </xs:complexContent>
</xs:complexType>
```

```

                </xs:annotation>
            </xs:element>
            <xs:element name="point4D" type="fx:ApacAtfmAcdmCtotCancellation_TrajectoryPoint4DType" minOccurs="1"
maxOccurs="1"/>
        </xs:sequence>
    </xs:restriction>
</xs:complexContent>
</xs:complexType>
<xs:complexType name="ApacAtfmAcdmCtotCancellation_RouteTrajectoryGroupType">
    <xs:complexContent>
        <xs:restriction base="fx:RouteTrajectoryGroupType">
            <xs:sequence>
                <xs:element name="element" type="fx:ApacAtfmAcdmCtotCancellation_RouteTrajectoryElementType" minOccurs="1"
maxOccurs="1"/>
            </xs:sequence>
        </xs:restriction>
    </xs:complexContent>
</xs:complexType>
<xs:complexType name="ApacAtfmAcdmCtotCancellation_TrajectoryPoint4DType">
```

```
<xs:complexContent>
  <xs:restriction base="fx:TrajectoryPoint4DType">
    <xs:sequence>
      <xs:element name="pointProperty" type="fx:ApacAtfmAcdmCtotCancellation_TrajectoryPointPropertyType"
minOccurs="0" maxOccurs="2000"/>
    </xs:sequence>
  </xs:restriction>
</xs:complexContent>
</xs:complexType>
<xs:complexType name="ApacAtfmAcdmCtotCancellation_TrajectoryPointPropertyType">
  <xs:complexContent>
    <xs:restriction base="fx:TrajectoryPointPropertyType">
      <xs:sequence>
        <xs:element name="propertyType" type="fx:ApacAtfmAcdmCtotCancellation_TrajectoryPointPropertyTypeType"
minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
```

</xs:schema>

Filename: /apacatfmacdmmessage/templates/calculatedTimeOverAllocation/CalculatedTimeOverAllocation.xsd

<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:apacatfmacdm="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3">

 <xs:annotation>

 <xs:documentation>A Calculated Time Over Allocation message template.</xs:documentation>

 </xs:annotation>

 <xs:include schemaLocation="./calculatedTimeOverAllocation/apacatfmacdmmessage/ApacAtfmAcdmCtoAllocation_ApacAtfmAcdmMessage.xsd"/>

</xs:schema>

Filename: /apacatfmacdmmessage/templates/calculatedTimeOverAllocation/apacatfmacdmmessage/ApacAtfmAcdmCtoAllocation_ApacAtfmAcdmMessage.xsd

<?xml version="1.0" encoding="utf-8"?>

```
<xs:schema targetNamespace="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:apacatfmacdm="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:fx="http://www.fixm.aero/flight/4.3" elementFormDefault="qualified" version="1.0.0">

  <xs:annotation>

    <xs:documentation>A Calculated Time Over Allocation message template for the ApacAtfmAcdmMessage package.</xs:documentation>

  </xs:annotation>

  <xs:import namespace="http://www.fixm.aero/flight/4.3" schemaLocation="../flight/ApacAtfmAcdmCtoAllocation_Flight.xsd"/>

  <xs:include schemaLocation="../../ApacAtfmAcdmMessage.xsd"/>

  <xs:simpleType name="ApacAtfmAcdmCtoAllocation_ApacAtfmAcdmMessageTypeType">

    <xs:restriction base="apacatfmacdm:ApacAtfmAcdmMessageTypeType">

      <xs:enumeration value="FIXM_CTO_ALLOCATION"/>

    </xs:restriction>

  </xs:simpleType>

  <xs:complexType name="ApacAtfmAcdmCtoAllocation_ApacAtfmAcdmMessageType">

    <xs:complexContent>

      <xs:restriction base="apacatfmacdm:ApacAtfmAcdmMessageType">

        <xs:sequence>

          <xs:element name="type" type="apacatfmacdm:ApacAtfmAcdmCtoAllocation_ApacAtfmAcdmMessageTypeType"
minOccurs="1" maxOccurs="1"/>

          <xs:element name="flight" type="fx:ApacAtfmAcdmCtoAllocation_FlightType" minOccurs="1" maxOccurs="1"/>

        </xs:sequence>

      </xs:restriction>

    </xs:complexContent>

  </xs:complexType>

</xs:schema>
```

```
                </xs:sequence>
            </xs:restriction>
        </xs:complexContent>
    </xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessageemplates/calculatedTimeOverAllocation/apacextension/ApacAtfmAcdmCtoAllocation_ApacExtension.xsd

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3"
elementFormDefault="qualified" version="4.3.0">
    <xs:annotation>
        <xs:documentation>A Calculated Time Over Allocation message for the ApacExtension package.</xs:documentation>
    </xs:annotation>
    <xs:include schemaLocation="./apacdeparture/ApacAtfmAcdmCtoAllocation_ApacDeparture.xsd"/>
    <xs:include schemaLocation="./ApacRouteTrajectoryConstraint/ApacAtfmAcdmCtoAllocation_ApacRouteTrajectoryConstraint.xsd"/>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverAllocation/apacextension/ApacDeparture/ApacAtfmAcdmCtoAllocation_ApacDeparture.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>The Calculated Time Over Allocation message for the ApacAtfmAcdmMessage package.</xs:documentation>
```

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

```
  <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
```

```
  <xs:include schemaLocation="../../../../../../extensions/apac/Apac.xsd"/>
```

```
  <xs:complexType name="ApacAtfmAcdmCtoAllocation_ApacDepartureType">
```

```
    <xs:complexContent>
```

```
      <xs:restriction base="apac:ApacDepartureType">
```

```
        <xs:sequence>
```

```
          <xs:element name="taxiTime" type="fb:DurationType" minOccurs="1" maxOccurs="1"/>
```

```
        </xs:sequence>
```

```
        </xs:restriction>
    </xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename:

/apacatfmacdmmessage templates/calculatedTimeOverAllocation/apacextension/ApacRouteTrajectoryConstraint/ApacAtfmAcdmCtoAllocation_ApacRouteTrajectoryConstraint.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
    <xs:annotation>
```

```
        <xs:documentation>The Calculated Time Over Allocation message for the ApacAtfmAcdmMessage package.</xs:documentation>
```

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

```
    <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
```

```
    <xs:include schemaLocation="../../../../../../extensions/apac/Apac.xsd"/>
```

```
    <xs:complexType name="ApacAtfmAcdmCtoAllocation_ApacRouteTrajectoryConstraintType">
```

```
<xs:complexContent>
  <xs:restriction base="apac:ApacRouteTrajectoryConstraintType">
    <xs:sequence>
      <xs:element name="comment" type="fb:CharacterStringType" minOccurs="0" maxOccurs="1"/>
      <xs:element name="reason" type="fb:CharacterStringType" minOccurs="0" maxOccurs="1"/>
      <xs:element name="regulationCause" type="apac:ApacRegulationCauseType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="regulationId" type="apac:ApacRegulationIdType" minOccurs="0" maxOccurs="2000"/>
    </xs:sequence>
  </xs:restriction>
</xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverAllocation/base/ApacAtfmAcdmCtoAllocation_Base.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/base/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fb="http://www.fixm.aero/base/4.3"
elementFormDefault="qualified" version="1.0.0">

    <xs:annotation>

        <xs:documentation>A Calculated Take-Off Time Allocation message template for the Base package.</xs:documentation>

    </xs:annotation>

    <xs:include schemaLocation="./ApacAtfmAcdmCtoAllocation_RangesAndChoices.xsd"/>

</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverAllocation/base/ApacAtfmAcdmCtoAllocation_RangesAndChoices.xsd

```
<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/base/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fb="http://www.fixm.aero/base/4.3"
elementFormDefault="qualified" version="1.0.0">

    <xs:annotation>

        <xs:documentation>This package contains combinations and choices comprised of various measure elements.</xs:documentation>

    </xs:annotation>

    <xs:include schemaLocation="../../../../../../core/base/Measures.xsd"/>

    <xs:include schemaLocation="../../../../../../core/base/RangesAndChoices.xsd"/>
```

```
<xs:complexType name="ApacAtfmAcdmCtoAllocation_FlightLevelOrAltitudeOrRangeChoiceType">
  <xs:complexContent>
    <xs:restriction base="fb:FlightLevelOrAltitudeOrRangeChoiceType">
      <xs:choice>
        <xs:element name="flightLevel" type="fb:FlightLevelType" minOccurs="1" maxOccurs="1">
          <xs:annotation>
            <xs:documentation>Flight Level specification.</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:choice>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
</xs:schema>
```

```
<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
elementFormDefault="qualified" version="4.3.0">

    <xs:annotation>

        <xs:documentation>A Calculated Time Over Allocation message for the Flight package.</xs:documentation>

    </xs:annotation>

    <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>

    <xs:include schemaLocation="./flightdata/ApacAtfmAcdmCtoAllocation_FlightData.xsd"/>

    <xs:include schemaLocation="./departure/ApacAtfmAcdmCtoAllocation_Departure.xsd"/>

    <xs:include schemaLocation="./arrival/ApacAtfmAcdmCtoAllocation_Arrival.xsd"/>

    <xs:include schemaLocation="./flightroutetrajectory/ApacAtfmAcdmCtoAllocation_FlightRouteTrajectory.xsd"/>

</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverAllocation/flight/arrival/ApacAtfmAcdmCtoAllocation_Arrival.xsd

```
<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="1.0.0">
```

```
<xs:annotation>
  <xs:documentation>A Calculated Time Over Allocation message Arrival template.</xs:documentation>
</xs:annotation>
<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
<xs:include schemaLocation="../../../../../../core/flight/arrival/Arrival.xsd"/>
<xs:complexType name="ApacAtfmAcdmCtoAllocation_ArrivalType">
  <xs:complexContent>
    <xs:restriction base="fx:ArrivalType">
      <xs:sequence>
        <xs:element name="destinationAerodrome" type="fb:AerodromeReferenceType" minOccurs="1" maxOccurs="1">
          <xs:annotation>
            <xs:documentation>The aerodrome of intended landing. [ICAO Doc 4444 - extracted from the definition of
Destination Alternate]
This is the aerodrome at which the flight is scheduled to arrive. [FIXM]</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
```

</xs:complexContent>

</xs:complexType>

</xs:schema>

Filename: /apacatfmacdmmessage templates/calculatedTimeOverAllocation/flight/departure/ApacAtfmAcdmCtoAllocation_Departure.xsd

<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="1.0.0">

<xs:annotation>

<xs:documentation>A Calculated Time Over Allocation message Departure template.</xs:documentation>

</xs:annotation>

<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../../../core/base/Base.xsd"/>

<xs:include schemaLocation="../../../../../../../../core/flight/departure/Departure.xsd"/>

<xs:complexType name="ApacAtfmAcdmCtoAllocation_DepartureType">

<xs:complexContent>

<xs:restriction base="fx:DepartureType">

```
<xs:sequence>
  <xs:choice minOccurs="1" maxOccurs="1">
    <xs:element name="departureAerodrome" type="fb:AerodromeReferenceType" minOccurs="1" maxOccurs="1">
      <xs:annotation>
        <xs:documentation>The aerodrome from which the flight departs. [FIXM]</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:choice>
  <xs:choice minOccurs="1" maxOccurs="1">
    <xs:element name="estimatedOffBlockTime" type="fb:DateTimeUtcType" minOccurs="1" maxOccurs="1">
      <xs:annotation>
        <xs:documentation>The estimated time at which the aircraft will commence movement associated
with departure. [ICAO Doc 4444]</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:choice>
  <xs:element name="extension" type="fb:DepartureExtensionType" minOccurs="0" maxOccurs="1">
    <xs:annotation>
```

```
                <xs:documentation>An extension hook for attaching extension (non-core) classes.</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:restriction>
</xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverAllocation/flight/flightdata/ApacAtfmAcdmCtoAllocation_FlightData.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
    <xs:annotation>
```

```
        <xs:documentation>A Calculated Time Over Allocation message FlightData template.</xs:documentation>
```

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

```
<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
<xs:include schemaLocation="../../flightroutetrajectory/ApacAtfmAcdmCtoAllocation_RouteTrajectory.xsd"/>
<xs:include schemaLocation="../../arrival/ApacAtfmAcdmCtoAllocation_Arrival.xsd"/>
<xs:include schemaLocation="../../departure/ApacAtfmAcdmCtoAllocation_Departure.xsd"/>
<xs:include schemaLocation="../../../../../../core/flight/flightdata/FlightData.xsd"/>
<xs:complexType name="ApacAtfmAcdmCtoAllocation_FlightType">
  <xs:complexContent>
    <xs:restriction base="fx:FlightType">
      <xs:sequence>
        <xs:element name="arrival" type="fx:ApacAtfmAcdmCtoAllocation_ArrivalType" minOccurs="1" maxOccurs="1"/>
        <xs:element name="departure" type="fx:ApacAtfmAcdmCtoAllocation_DepartureType" minOccurs="1" maxOccurs="1"/>
        <xs:element name="flightIdentification" type="fx:ApacAtfmAcdmCtoAllocation_FlightIdentificationType" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="routeTrajectoryGroup" type="fx:ApacAtfmAcdmCtoAllocation_RouteTrajectoryGroupContainerType"
minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
```

```
<xs:complexType name="ApacAtfmAcdmCtoAllocation_FlightIdentificationType">
  <xs:complexContent>
    <xs:restriction base="fx:FlightIdentificationType">
      <xs:sequence>
        <xs:element name="aircraftIdentification" type="fb:AircraftIdentificationType" minOccurs="1" maxOccurs="1"
nillable="true">
          <xs:annotation>
            <xs:documentation>A group of letters, figures or a combination thereof which is either identical to, or the
coded equivalent of, the aircraft call sign to be used in air-ground communications, and which is used to identify the aircraft in ground-ground air traffic services
communications. [ICAO Doc 4444]</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:choice minOccurs="0" maxOccurs="1">
          <xs:element name="gufi" type="fb:GloballyUniqueFlightIdentifierType" minOccurs="1" maxOccurs="1"
nillable="true">
            <xs:annotation>
              <xs:documentation>A single reference for FF-ICE information pertinent to a flight that is unique
globally. [ICAO Doc 9965]
This is a reference that uniquely identifies a specific flight and is independent of any particular system. [FIXM]</xs:documentation>
            </xs:annotation>
```

```

        </xs:element>
    </xs:choice>
</xs:sequence>
</xs:restriction>
</xs:complexContent>
</xs:complexType>
<xs:complexType name="ApacAtfmAcadmCtoAllocation_RouteTrajectoryGroupContainerType">
    <xs:complexContent>
        <xs:restriction base="fx:RouteTrajectoryGroupContainerType">
            <xs:sequence>
                <xs:element name="negotiating" type="fx:ApacAtfmAcadmCtoAllocation_RouteTrajectoryGroupType" minOccurs="1"
maxOccurs="1"/>
            </xs:sequence>
        </xs:restriction>
    </xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverAllocation/flight/flightroutetrajectory/ApacAtfmAcdmCtoAllocation_Constraints.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>A Calculated Time Over Allocation message Constraint template.</xs:documentation>
```

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

```
  <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../base/ApacAtfmAcdmCtoAllocation_Base.xsd"/>
```

```
  <xs:include schemaLocation="../../../../../../core/flight/flightroutetrajectory/Constraints.xsd"/>
```

```
  <xs:complexType name="ApacAtfmAcdmCtoAllocation_LevelConstraintType">
```

```
    <xs:complexContent>
```

```
      <xs:restriction base="fx:LevelConstraintType">
```

```
        <xs:sequence>
```

```
          <xs:element name="level" type="fb:ApacAtfmAcdmCtoAllocation_FlightLevelOrAltitudeOrRangeChoiceType"
```

```
            minOccurs="1" maxOccurs="1"/>
```

```
        </xs:sequence>
```

```
      </xs:restriction>
```

```
        </xs:complexContent>
    </xs:complexType>
    <xs:complexType name="ApacAtfmAcadmCtoAllocation_RouteTrajectoryConstraintType">
        <xs:complexContent>
            <xs:restriction base="fx:RouteTrajectoryConstraintType">
                <xs:sequence>
                    <xs:element name="extension" type="fb:RouteTrajectoryConstraintExtensionType" minOccurs="1" maxOccurs="1"
nillable="true">
                        <xs:annotation>
                            <xs:documentation>An extension hook for attaching extension (non-core) classes.</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element name="level" type="fx:ApacAtfmAcadmCtoAllocation_LevelConstraintType" minOccurs="0"
maxOccurs="1"/>
                    <xs:element name="time" type="fx:ApacAtfmAcadmCtoAllocation_TimeConstraintType" minOccurs="1" maxOccurs="1"/>
                </xs:sequence>
            </xs:restriction>
        </xs:complexContent>
    </xs:complexType>
```

```
<xs:complexType name="ApacAtfmAcdmCtoAllocation_TimeConstraintType">
  <xs:complexContent>
    <xs:restriction base="fx:TimeConstraintType">
      <xs:sequence>
        <xs:element name="timeSpecification" type="fb:TimeChoiceType" minOccurs="1" maxOccurs="1" nillable="true">
          <xs:annotation>
            <xs:documentation>Date and time associated with the constraint.</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
</xs:schema>
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>A Calculated Time Over Allocation message FlightRouteTrajectory template.</xs:documentation>
```

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

```
  <xs:include schemaLocation="./ApacAtfmAcdmCtoAllocation_Constraints.xsd"/>
```

```
  <xs:include schemaLocation="./ApacAtfmAcdmCtoAllocation_RouteTrajectory.xsd"/>
```

```
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverAllocation/flight/flightroutetrajectory/ApacAtfmAcdmCtoAllocation_RouteTrajectory.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>A Calculated Time Over Allocation message RouteTrajectory template.</xs:documentation>
```

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

```
<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../base/ApacAtfmAcdmCtoAllocation_Base.xsd"/>
<xs:include schemaLocation="ApacAtfmAcdmCtoAllocation_Constraints.xsd"/>
<xs:include schemaLocation="../../../../../../core/flight/flightroutetrajectory/RouteTrajectory.xsd"/>
<xs:complexType name="ApacAtfmAcdmCtoAllocation_RouteTrajectoryElementType">
  <xs:complexContent>
    <xs:restriction base="fx:RouteTrajectoryElementType">
      <xs:sequence>
        <xs:element name="constraint" type="fx:ApacAtfmAcdmCtoAllocation_RouteTrajectoryConstraintType" minOccurs="1"
maxOccurs="1"/>
        <xs:element name="elementStartPoint" type="fb:SignificantPointChoiceType" minOccurs="0" maxOccurs="1"
nillable="true">
          <xs:annotation>
            <xs:documentation>A specified geographical location used in defining the flight route or expanded route.
[FXM]</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="extension" type="fb:RouteTrajectoryElementExtensionType" minOccurs="0" maxOccurs="2000"
nillable="true">
          <xs:annotation>
            <xs:documentation>An extension hook for attaching extension (non-core) classes.</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
```

```

        </xs:annotation>
    </xs:element>
</xs:sequence>
</xs:restriction>
</xs:complexContent>
</xs:complexType>
<xs:complexType name="ApacAtfmAcdmCtoAllocation_RouteTrajectoryGroupType">
    <xs:complexContent>
        <xs:restriction base="fx:RouteTrajectoryGroupType">
            <xs:sequence>
                <xs:element name="element" type="fx:ApacAtfmAcdmCtoAllocation_RouteTrajectoryElementType" minOccurs="1"
maxOccurs="1"/>
            </xs:sequence>
        </xs:restriction>
    </xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage/templates/calculatedTimeOverCancellation/CalculatedTimeOverCancellation.xsd

```
<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:apacatfmacdm="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3">

    <xs:annotation>

        <xs:documentation>A Calculated Time Over Cancellation message template.</xs:documentation>

    </xs:annotation>

    <xs:include schemaLocation="./calculatedTimeOverCancellation/apacatfmacdmmessage/ApacAtfmAcdmCtoCancellation_ApacAtfmAcdmMessage.xsd"/>

</xs:schema>
```

Filename: /apacatfmacdmmessage/templates/calculatedTimeOverCancellation/apacatfmacdmmessage/ApacAtfmAcdmCtoCancellation_ApacAtfmAcdmMessage.xsd

```
<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:apacatfmacdm="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:fx="http://www.fixm.aero/flight/4.3" elementFormDefault="qualified" version="1.0.0">
```

```
<xs:annotation>
  <xs:documentation>A Calculated Time Over Cancellation message template for the ApacAtfmAcdmMessage package.</xs:documentation>
</xs:annotation>
<xs:import namespace="http://www.fixm.aero/flight/4.3" schemaLocation="../flight/ApacAtfmAcdmCtoCancellation_Flight.xsd"/>
<xs:include schemaLocation="../../ApacAtfmAcdmMessage.xsd"/>
<xs:simpleType name="ApacAtfmAcdmCtoCancellation_ApacAtfmAcdmMessageTypeType">
  <xs:restriction base="apacatfmacdm:ApacAtfmAcdmMessageTypeType">
    <xs:enumeration value="FIXM_CTO_CANCELLATION"/>
  </xs:restriction>
</xs:simpleType>
<xs:complexType name="ApacAtfmAcdmCtoCancellation_ApacAtfmAcdmMessageType">
  <xs:complexContent>
    <xs:restriction base="apacatfmacdm:ApacAtfmAcdmMessageType">
      <xs:sequence>
        <xs:element name="type" type="apacatfmacdm:ApacAtfmAcdmCtoCancellation_ApacAtfmAcdmMessageTypeType"
minOccurs="1" maxOccurs="1"/>
        <xs:element name="flight" type="fx:ApacAtfmAcdmCtoCancellation_FlightType" minOccurs="1" maxOccurs="1"/>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
</xs:include>
</xs:import>
```

```
        </xs:restriction>
    </xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverCancellation/apacextension/ApacAtfmAcdmCtoCancellation_ApacExtension.xsd

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3"
elementFormDefault="qualified" version="4.3.0">
    <xs:annotation>
        <xs:documentation>A Calculated Time Over Cancellation message for the ApacExtension package.</xs:documentation>
    </xs:annotation>
    <xs:include schemaLocation="./apacdeparture/ApacAtfmAcdmCtoCancellation_ApacDeparture.xsd"/>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverCancellation/apacextension/ApacDeparture/ApacAtfmAcdmCtoCancellation_ApacDeparture.xsd

```
<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">

    <xs:annotation>

        <xs:documentation>The Calculated Time Over Cancellation message for the ApacAtfmAcdmMessage package.</xs:documentation>

    </xs:annotation>

    <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>

    <xs:include schemaLocation="../../../../../../extensions/apac/Apac.xsd"/>

    <xs:complexType name="ApacAtfmAcdmCtoCancellation_ApacDepartureType">

        <xs:complexContent>

            <xs:restriction base="apac:ApacDepartureType">

                <xs:sequence>

                    <xs:element name="taxiTime" type="fb:DurationType" minOccurs="1" maxOccurs="1"/>

                </xs:sequence>

            </xs:restriction>

        </xs:complexContent>

    </xs:complexType>


```

```
</xs:complexType>
```

```
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverCancellation/base/ApacAtfmAcdmCtoCancellation_Base.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/base/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="1.0.0">
```

```
<xs:annotation>
```

```
<xs:documentation>A Calculated Take-Off Time Cancellation message template for the Base package.</xs:documentation>
```

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

```
<xs:include schemaLocation="./ApacAtfmAcdmCtoCancellation_RangesAndChoices.xsd"/>
```

```
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverCancellation/base/ApacAtfmAcdmCtoCancellation_RangesAndChoices.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/base/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="1.0.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>This package contains combinations and choices comprised of various measure elements.</xs:documentation>
```

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

```
  <xs:include schemaLocation="../../../../../../core/base/Measures.xsd"/>
```

```
  <xs:include schemaLocation="../../../../../../core/base/RangesAndChoices.xsd"/>
```

```
  <xs:complexType name="ApacAtfmAcdmCtoCancellation_FlightLevelOrAltitudeOrRangeChoiceType">
```

```
    <xs:complexContent>
```

```
      <xs:restriction base="fb:FlightLevelOrAltitudeOrRangeChoiceType">
```

```
        <xs:choice>
```

```
          <xs:element name="flightLevel" type="fb:FlightLevelType" minOccurs="1" maxOccurs="1">
```

```
            <xs:annotation>
```

```
              <xs:documentation>Flight Level specification.</xs:documentation>
```

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

```
          </xs:element>
```

```
        </xs:choice>
```

</xs:restriction>

</xs:complexContent>

</xs:complexType>

</xs:schema>

Filename: /apacatfmacdmmessage templates/calculatedTimeOverCancellation/flight/ApacAtfmAcdmCtoCancellation_Flight.xsd

<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" elementFormDefault="qualified" version="4.3.0">

<xs:annotation>

<xs:documentation>A Calculated Time Over Cancellation message for the Flight package.</xs:documentation>

</xs:annotation>

<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>

<xs:include schemaLocation="./flightdata/ApacAtfmAcdmCtoCancellation_FlightData.xsd"/>

<xs:include schemaLocation="./departure/ApacAtfmAcdmCtoCancellation_Departure.xsd"/>

<xs:include schemaLocation="./arrival/ApacAtfmAcdmCtoCancellation_Arrival.xsd"/>

```
<xs:include schemaLocation="./flightroutetrajectory/ApacAtfmAcdmCtoCancellation_FlightRouteTrajectory.xsd"/>
```

```
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverCancellation/flight/arrival/ApacAtfmAcdmCtoCancellation_Arrival.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="1.0.0">
```

```
<xs:annotation>
```

```
<xs:documentation>A Calculated Time Over Cancellation message Arrival template.</xs:documentation>
```

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

```
<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
```

```
<xs:include schemaLocation="../../../../../../core/flight/arrival/Arrival.xsd"/>
```

```
<xs:complexType name="ApacAtfmAcdmCtoCancellation_ArrivalType">
```

```
<xs:complexContent>
```

```
<xs:restriction base="fx:ArrivalType">
```

```
<xs:sequence>
```

```
<xs:element name="destinationAerodrome" type="fb:AerodromeReferenceType" minOccurs="1" maxOccurs="1">
```

```
  <xs:annotation>
```

```
    <xs:documentation>The aerodrome of intended landing. [ICAO Doc 4444 - extracted from the definition of
```

Destination Alternate]

```
This is the aerodrome at which the flight is scheduled to arrive. [FIXM]</xs:documentation>
```

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

```
</xs:element>
```

```
</xs:sequence>
```

```
</xs:restriction>
```

```
</xs:complexContent>
```

```
</xs:complexType>
```

```
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverCancellation/flight/departure/ApacAtfmAcdmCtoCancellation_Departure.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="1.0.0">
```

```
<xs:annotation>
  <xs:documentation>A Calculated Time Over Cancellation message Departure template.</xs:documentation>
</xs:annotation>
<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../../../core/base/Base.xsd"/>
<xs:include schemaLocation="../../../../../../../../core/flight/departure/Departure.xsd"/>
<xs:complexType name="ApacAtfmAcdmCtoCancellation_DepartureType">
  <xs:complexContent>
    <xs:restriction base="fx:DepartureType">
      <xs:sequence>
        <xs:choice minOccurs="1" maxOccurs="1">
          <xs:element name="departureAerodrome" type="fb:AerodromeReferenceType" minOccurs="1" maxOccurs="1">
            <xs:annotation>
              <xs:documentation>The aerodrome from which the flight departs. [FIXM]</xs:documentation>
            </xs:annotation>
          </xs:element>
        </xs:choice>
        <xs:choice minOccurs="1" maxOccurs="1">
          <xs:element name="estimatedOffBlockTime" type="fb:DateTimeUtcType" minOccurs="1" maxOccurs="1">
```

```

                                <xs:annotation>
                                    <xs:documentation>The estimated time at which the aircraft will commence movement associated
with departure. [ICAO Doc 4444]</xs:documentation>
                                </xs:annotation>
                            </xs:element>
                        </xs:choice>
                    </xs:sequence>
                </xs:restriction>
            </xs:complexContent>
        </xs:complexType>
    </xs:schema>

```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverCancellation/flight/flightdata/ApacAtfmAcdmCtoCancellation_FlightData.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
    <xs:annotation>
```

```

        <xs:documentation>A Calculated Time Over Cancellation message FlightData template.</xs:documentation>
    </xs:annotation>
    <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../../../core/base/Base.xsd"/>
    <xs:include schemaLocation="../../flightroutetrajectory/ApacAtfmAcdmCtoCancellation_RouteTrajectory.xsd"/>
    <xs:include schemaLocation="../../arrival/ApacAtfmAcdmCtoCancellation_Arrival.xsd"/>
    <xs:include schemaLocation="../../departure/ApacAtfmAcdmCtoCancellation_Departure.xsd"/>
    <xs:include schemaLocation="../../../../../../../../core/flight/flightdata/FlightData.xsd"/>
    <xs:complexType name="ApacAtfmAcdmCtoCancellation_FlightType">
        <xs:complexContent>
            <xs:restriction base="fx:FlightType">
                <xs:sequence>
                    <xs:element name="arrival" type="fx:ApacAtfmAcdmCtoCancellation_ArrivalType" minOccurs="1" maxOccurs="1"/>
                    <xs:element name="departure" type="fx:ApacAtfmAcdmCtoCancellation_DepartureType" minOccurs="1"
maxOccurs="1"/>
                    <xs:element name="flightIdentification" type="fx:ApacAtfmAcdmCtoCancellation_FlightIdentificationType"
minOccurs="1" maxOccurs="1"/>
                    <xs:element name="routeTrajectoryGroup"
type="fx:ApacAtfmAcdmCtoCancellation_RouteTrajectoryGroupContainerType" minOccurs="1" maxOccurs="1"/>
                </xs:sequence>
            </xs:restriction>
        </xs:complexContent>
    </xs:complexType>

```

```
        </xs:restriction>
    </xs:complexContent>
</xs:complexType>
<xs:complexType name="ApacAtfmAcdmCtoCancellation_FlightIdentificationType">
    <xs:complexContent>
        <xs:restriction base="fx:FlightIdentificationType">
            <xs:sequence>
                <xs:element name="aircraftIdentification" type="fb:AircraftIdentificationType" minOccurs="1" maxOccurs="1"
nillable="true">
                    <xs:annotation>
                        <xs:documentation>A group of letters, figures or a combination thereof which is either identical to, or the
coded equivalent of, the aircraft call sign to be used in air-ground communications, and which is used to identify the aircraft in ground-ground air traffic services
communications. [ICAO Doc 4444]</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:choice minOccurs="0" maxOccurs="1">
                    <xs:element name="gufi" type="fb:GloballyUniqueFlightIdentifierType" minOccurs="1" maxOccurs="1"
nillable="true">
                        <xs:annotation>
```

<xs:documentation>A single reference for FF-ICE information pertinent to a flight that is unique globally. [ICAO Doc 9965]

This is a reference that uniquely identifies a specific flight and is independent of any particular system. [FIXM]</xs:documentation>

</xs:annotation>

</xs:element>

</xs:choice>

</xs:sequence>

</xs:restriction>

</xs:complexContent>

</xs:complexType>

<xs:complexType name="ApacAtfmAcadmCtoCancellation_RouteTrajectoryGroupContainerType">

<xs:complexContent>

<xs:restriction base="fx:RouteTrajectoryGroupContainerType">

<xs:sequence>

<xs:element name="negotiating" type="fx:ApacAtfmAcadmCtoCancellation_RouteTrajectoryGroupType" minOccurs="1" maxOccurs="1"/>

</xs:sequence>

</xs:restriction>

</xs:complexContent>

```
</xs:complexType>
```

```
</xs:schema>
```

Filename:

/apacatfmacdmmessage templates/calculatedTimeOverCancellation/flight/flightroutetrajectory/ApacAtfmAcdmCtoCancellation_FlightRouteTrajectory.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
<xs:annotation>
```

```
<xs:documentation>A Calculated Time Over Cancellation message FlightRouteTrajectory template.</xs:documentation>
```

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

```
<xs:include schemaLocation="./ApacAtfmAcdmCtoCancellation_RouteTrajectory.xsd"/>
```

```
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/calculatedTimeOverCancellation/flight/flightroutetrajectory/ApacAtfmAcdmCtoCancellation_RouteTrajectory.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
  <xs:annotation>
```

```
    <xs:documentation>A Calculated Time Over Cancellation message RouteTrajectory template.</xs:documentation>
```

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

```
  <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
```

```
  <xs:include schemaLocation="../../../../../../core/flight/flightroutetrajectory/RouteTrajectory.xsd"/>
```

```
  <xs:complexType name="ApacAtfmAcdmCtoCancellation_RouteTrajectoryElementType">
```

```
    <xs:complexContent>
```

```
      <xs:restriction base="fx:RouteTrajectoryElementType">
```

```
        <xs:sequence>
```

```
          <xs:element name="elementStartPoint" type="fb:SignificantPointChoiceType" minOccurs="0" maxOccurs="1"
```

```
nillable="true">
```

```
            <xs:annotation>
```

```
              <xs:documentation>A specified geographical location used in defining the flight route or expanded route.
```

```
[FIXM]</xs:documentation>
```

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

```
          </xs:element>
```

```
nillable="true">
    <xs:element name="extension" type="fb:RouteTrajectoryElementExtensionType" minOccurs="0" maxOccurs="2000"
        <xs:annotation>
            <xs:documentation>An extension hook for attaching extension (non-core) classes.</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:sequence>
</xs:restriction>
</xs:complexContent>
</xs:complexType>
<xs:complexType name="ApacAtfmAcdmCtoCancellation_RouteTrajectoryGroupType">
    <xs:complexContent>
        <xs:restriction base="fx:RouteTrajectoryGroupType">
            <xs:sequence>
                <xs:element name="element" type="fx:ApacAtfmAcdmCtoCancellation_RouteTrajectoryElementType" minOccurs="1"
maxOccurs="1"/>
            </xs:sequence>
        </xs:restriction>
    </xs:complexContent>
```

</xs:complexType>

</xs:schema>

Filename: /apacatfmacdmmessage/templates/targetTakeOffTimeAllocation/TargetTakeOffTimeAllocation.xsd

<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:apacatfmacdm="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:fx="http://www.fixm.aero/flight/4.3" xmlns:fb="http://www.fixm.aero/base/4.3">

<xs:annotation>

<xs:documentation>A Target Take-Off Time Allocation message template.</xs:documentation>

</xs:annotation>

<xs:include schemaLocation="./calculatedTakeOffTimeAllocation/apacatfmacdmmessage/ApacAtfmAcdmCtotAllocation_ApacAtfmAcdmMessage.xsd"/>

</xs:schema>

Filename: /apacatfmacdmmessage/templates/targetTakeOffTimeAllocation/apacatfmacdmmessage/ApacAtfmAcdmTtotAllocation_ApacAtfmAcdmMessage.xsd

```
<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:apacatfmacdm="http://www.fixm.aero/app/apacatfmacdm/1.0" xmlns:fx="http://www.fixm.aero/flight/4.3" elementFormDefault="qualified" version="1.0.0">

    <xs:annotation>

        <xs:documentation>A Target Take-Off Time Allocation message template for the ApacAtfmAcdmMessage package.</xs:documentation>

    </xs:annotation>

    <xs:import namespace="http://www.fixm.aero/flight/4.3" schemaLocation="../flight/ApacAtfmAcdmTtotAllocation_Flight.xsd"/>

    <xs:include schemaLocation="../../ApacAtfmAcdmMessage.xsd"/>

    <xs:simpleType name="ApacAtfmAcdmTtotAllocation_ApacAtfmAcdmMessageTypeType">

        <xs:restriction base="apacatfmacdm:ApacAtfmAcdmMessageTypeType">

            <xs:enumeration value="FIXM_TTOT_ALLOCATION"/>

        </xs:restriction>

    </xs:simpleType>

    <xs:complexType name="ApacAtfmAcdmTtotAllocation_ApacAtfmAcdmMessageType">

        <xs:complexContent>

            <xs:restriction base="apacatfmacdm:ApacAtfmAcdmMessageType">

                <xs:sequence>

                    <xs:element name="type" type="apacatfmacdm:ApacAtfmAcdmTtotAllocation_ApacAtfmAcdmMessageTypeType"

minOccurs="1" maxOccurs="1"/>

                </xs:sequence>

            </xs:restriction>

        </xs:complexContent>

    </xs:complexType>

</xs:schema>
```

```
<xs:element name="flight" type="fx:ApacAtfmAcdmTtotAllocation_FlightType" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
    </xs:restriction>
      </xs:complexContent>
        </xs:complexType>
      </xs:schema>
```

Filename: /apacatfmacdmmessage/templates/targetTakeOffTimeAllocation/apacextension/ApacArrival/ApacAtfmAcdmTtotAllocation_ApacArrival.xsd

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
  <xs:annotation>
    <xs:documentation>The Target Take-Off Time Allocation message for the ApacAtfmAcdmMessage package.</xs:documentation>
  </xs:annotation>
  <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
  <xs:include schemaLocation="../../../../../../extensions/apac/Apac.xsd"/>
```

```
<xs:complexType name="ApacAtfmAcdmTtotAllocation_ApacArrivalType">
  <xs:complexContent>
    <xs:restriction base="apac:ApacArrivalType">
      <xs:sequence>
        <xs:element name="targetInBlockTime" type="fb:DateTimeUtcType" minOccurs="0" maxOccurs="1" nillable="true"/>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/targetTakeOffTimeAllocation/apacextension/ApacAtfmAcdmTtotAllocation_ApacExtension.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3"
elementFormDefault="qualified" version="4.3.0">
```

```
<xs:annotation>
```

```
<xs:documentation>A Target Take-Off Time Allocation message for the ApacExtension package.</xs:documentation>

</xs:annotation>

<xs:include schemaLocation="./apacdeparture/ApacAtfmAcdmTtotAllocation_ApacDeparture.xsd"/>

<xs:include schemaLocation="./ApacArrival/ApacAtfmAcdmTtotAllocation_ApacArrival.xsd"/>

</xs:schema>
```

Filename: /apacatfmacdmmessage templates/targetTakeOffTimeAllocation/apacextension/ApacDeparture/ApacAtfmAcdmTtotAllocation_ApacDeparture.xsd

```
<?xml version="1.0" encoding="utf-8"?>

<xs:schema targetNamespace="http://www.fixm.aero/ext/apac/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:apac="http://www.fixm.aero/ext/apac/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">

  <xs:annotation>

    <xs:documentation>The Target Take-Off Time Allocation message for the ApacAtfmAcdmMessage package.</xs:documentation>

  </xs:annotation>

  <xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../../../core/base/Base.xsd"/>

  <xs:include schemaLocation="../../../../../../../../extensions/apac/Apac.xsd"/>

  <xs:complexType name="ApacAtfmAcdmTtotAllocation_ApacDepartureType">
```

```
<xs:complexContent>
  <xs:restriction base="apac:ApacDepartureType">
    <xs:sequence>
      <xs:element name="targetOffBlockTime" type="fb:DateTimeUtcType" minOccurs="0" maxOccurs="1" nillable="true"/>
      <xs:element name="targetStartupApprovalTime" type="fb:DateTimeUtcType" minOccurs="0" maxOccurs="1"
nillable="true"/>
      <xs:element name="targetTakeOffTime" type="fb:DateTimeUtcType" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
  </xs:restriction>
</xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/targetTakeOffTimeAllocation/flight/ApacAtfmAcdmTtotAllocation_Flight.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
elementFormDefault="qualified" version="4.3.0">
```

```
<xs:annotation>
  <xs:documentation>A Target Take-Off Time Allocation message for the Flight package.</xs:documentation>
</xs:annotation>
<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
<xs:include schemaLocation="../flightdata/ApacAtfmAcdmTtotAllocation_FlightData.xsd"/>
<xs:include schemaLocation="../departure/ApacAtfmAcdmTtotAllocation_Departure.xsd"/>
<xs:include schemaLocation="../arrival/ApacAtfmAcdmTtotAllocation_Arrival.xsd"/>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/targetTakeOffTimeAllocation/flight/arrival/ApacAtfmAcdmTtotAllocation_Arrival.xsd

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="1.0.0">
  <xs:annotation>
    <xs:documentation>A Target Take-Off Time Allocation message Arrival template.</xs:documentation>
  </xs:annotation>
```

```
<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
<xs:include schemaLocation="../../../../../../core/flight/arrival/Arrival.xsd"/>
<xs:complexType name="ApacAtfmAcdmTtotAllocation_ArrivalType">
  <xs:complexContent>
    <xs:restriction base="fx:ArrivalType">
      <xs:sequence>
        <xs:element name="destinationAerodrome" type="fb:AerodromeReferenceType" minOccurs="1" maxOccurs="1">
          <xs:annotation>
            <xs:documentation>The aerodrome of intended landing. [ICAO Doc 4444 - extracted from the definition of
Destination Alternate]
This is the aerodrome at which the flight is scheduled to arrive. [FIXM]</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="extension" type="fb:ArrivalExtensionType" minOccurs="0" maxOccurs="1" nillable="true">
          <xs:annotation>
            <xs:documentation>An extension hook for attaching extension (non-core) classes.</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:restriction>
  </xs:complexContent>
</xs:complexType>
```

```
</xs:sequence>
</xs:restriction>
</xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/targetTakeOffTimeAllocation/flight/departure/ApacAtfmAcdmTtotAllocation_Departure.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="1.0.0">
```

```
<xs:annotation>
```

```
<xs:documentation>A Target Take-Off Time Allocation message Departure template.</xs:documentation>
```

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

```
<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>
```

```
<xs:include schemaLocation="../../../../../../core/flight/departure/Departure.xsd"/>
```

```
<xs:complexType name="ApacAtfmAcdmTtotAllocation_DepartureType">
```

<xs:complexContent>

<xs:restriction base="fx:DepartureType">

<xs:sequence>

<xs:choice minOccurs="1" maxOccurs="1">

<xs:element name="departureAerodrome" type="fb:AerodromeReferenceType" minOccurs="1" maxOccurs="1">

<xs:annotation>

<xs:documentation>The aerodrome from which the flight departs. [FIXM]</xs:documentation>

</xs:annotation>

</xs:element>

</xs:choice>

<xs:choice minOccurs="1" maxOccurs="1">

<xs:element name="estimatedOffBlockTime" type="fb:DateTimeUtcType" minOccurs="1" maxOccurs="1">

<xs:annotation>

<xs:documentation>The estimated time at which the aircraft will commence movement associated with departure. [ICAO Doc 4444]</xs:documentation>

</xs:annotation>

</xs:element>

</xs:choice>

```
<xs:element name="extension" type="fb:DepartureExtensionType" minOccurs="0" maxOccurs="1">
  <xs:annotation>
    <xs:documentation>An extension hook for attaching extension (non-core) classes.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:restriction>
</xs:complexContent>
</xs:complexType>
</xs:schema>
```

Filename: /apacatfmacdmmessage templates/targetTakeOffTimeAllocation/flight/flightdata/ApacAtfmAcdmTtotAllocation_FlightData.xsd

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<xs:schema targetNamespace="http://www.fixm.aero/flight/4.3" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:fx="http://www.fixm.aero/flight/4.3"
xmlns:fb="http://www.fixm.aero/base/4.3" elementFormDefault="qualified" version="4.3.0">
```

```
<xs:annotation>
```

```
<xs:documentation>A Target Take-Off Time Allocation message FlightData template.</xs:documentation>

</xs:annotation>

<xs:import namespace="http://www.fixm.aero/base/4.3" schemaLocation="../../../../../../core/base/Base.xsd"/>

<xs:include schemaLocation="../../arrival/ApacAtfmAcdmTtotAllocation_Arrival.xsd"/>

<xs:include schemaLocation="../../departure/ApacAtfmAcdmTtotAllocation_Departure.xsd"/>

<xs:include schemaLocation="../../../../../../core/flight/flightdata/FlightData.xsd"/>

<xs:complexType name="ApacAtfmAcdmTtotAllocation_FlightType">

  <xs:complexContent>

    <xs:restriction base="fx:FlightType">

      <xs:sequence>

        <xs:element name="arrival" type="fx:ApacAtfmAcdmTtotAllocation_ArrivalType" minOccurs="1" maxOccurs="1"/>

        <xs:element name="departure" type="fx:ApacAtfmAcdmTtotAllocation_DepartureType" minOccurs="1" maxOccurs="1"/>

        <xs:element name="flightIdentification" type="fx:ApacAtfmAcdmTtotAllocation_FlightIdentificationType" minOccurs="1"

maxOccurs="1"/>

      </xs:sequence>

    </xs:restriction>

  </xs:complexContent>

</xs:complexType>
```

<xs:complexType name="ApacAtfmAcdmTtotAllocation_FlightIdentificationType">

<xs:complexContent>

<xs:restriction base="fx:FlightIdentificationType">

<xs:sequence>

<xs:element name="aircraftIdentification" type="fb:AircraftIdentificationType" minOccurs="1" maxOccurs="1"

nillable="true">

<xs:annotation>

<xs:documentation>A group of letters, figures or a combination thereof which is either identical to, or the coded equivalent of, the aircraft call sign to be used in air-ground communications, and which is used to identify the aircraft in ground-ground air traffic services communications. [ICAO Doc 4444]</xs:documentation>

</xs:annotation>

</xs:element>

<xs:choice minOccurs="0" maxOccurs="1">

<xs:element name="gufi" type="fb:GloballyUniqueFlightIdentifierType" minOccurs="1" maxOccurs="1"

nillable="true">

<xs:annotation>

<xs:documentation>A single reference for FF-ICE information pertinent to a flight that is unique globally. [ICAO Doc 9965]

This is a reference that uniquely identifies a specific flight and is independent of any particular system. [FIXM]</xs:documentation>

</xs:annotation>

```
        </xs:element>
      </xs:choice>
    </xs:sequence>
  </xs:restriction>
</xs:complexContent>
</xs:complexType>
<xs:complexType name="ApacAtfmAcdmTtotAllocation_RouteTrajectoryGroupContainerType">
  <xs:complexContent>
    <xs:restriction base="fx:RouteTrajectoryGroupContainerType">
      </xs:restriction>
    </xs:complexContent>
  </xs:complexType>
</xs:schema>
```