```xml
<?xml version="1.0" encoding="UTF-8"?>
<schema xmlns="http://www.w3.org/2001/XMLSchema"
xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
xmlns:gml="http://www.opengis.net/gml/3.2"
xmlns:xlink="http://www.w3.org/1999/xlink"
targetNamespace="http://www.aixm.aero/schema/5.1.1"
elementFormDefault="qualified" attributeFormDefault="unqualified"
version="5.1.1">
    <import namespace="http://www.opengis.net/gml/3.2"
schemaLocation="./ISO_19136_Schemas="http://schemas.opengis.net/gml/3.
2.1/gml.xsd"/>
    <simpleType name="AlphanumericType">
        <restriction base="string">
            <pattern value="([A-Z]|\d)*"/>
        </restriction>
    </simpleType>
    <simpleType name="AlphaType">
        <restriction base="string">
            <pattern value="[A-Z]*"/>
        </restriction>
    </simpleType>
    <simpleType name="Character1Type">
        <restriction base="string">
            <pattern value="([A-Z]|[0-9])+([ \+\-/]*([A-Z]|[0-
9])+)*"/>
        </restriction>
    </simpleType>
    <simpleType name="Character2Type">
        <restriction base="string"/>
    </simpleType>
    <simpleType name="Character3Type">
        <restriction base="string">
            <pattern value="([A-Z]|[0-9]|[,
!&quot;&amp;#$%'\(\)\*\+\-\./:;&lt;=&gt;\?@\[\\\]\^_\|\{\}])*"/>
        </restriction>
    </simpleType>
    <simpleType name="CodeAerialRefuellingBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="TRACK"/>
                    <enumeration value="ANCHOR"/>
                    <enumeration value="BOTH"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
```

```xml
<simpleType name="CodeAerialRefuellingPointBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="INITIAL"/>
				<enumeration value="CONTROL"/>
				<enumeration value="CHECK"/>
				<enumeration value="EXIT"/>
				<enumeration value="ENTRY"/>
				<enumeration value="ANCHOR"/>
				<enumeration value="PATTERN"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeAerialRefuellingPrefixBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="AR"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeAircraftBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="LANDPLANE"/>
				<enumeration value="SEAPLANE"/>
				<enumeration value="AMPHIBIAN"/>
				<enumeration value="HELICOPTER"/>
				<enumeration value="GYROCOPTER"/>
				<enumeration value="TILT_WING"/>
				<enumeration value="STOL"/>
				<enumeration value="GLIDER"/>
				<enumeration value="HANGGLIDER"/>
				<enumeration value="PARAGLIDER"/>
				<enumeration value="ULTRA_LIGHT"/>
				<enumeration value="BALLOON"/>
				<enumeration value="UAV"/>
				<enumeration value="ALL"/>
```

```xml
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeAircraftCategoryBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="A"/>
				<enumeration value="B"/>
				<enumeration value="C"/>
				<enumeration value="D"/>
				<enumeration value="E"/>
				<enumeration value="H"/>
				<enumeration value="ALL"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeAircraftEngineBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="JET"/>
				<enumeration value="PISTON"/>
				<enumeration value="TURBOPROP"/>
				<enumeration value="ELECTRIC"/>
				<enumeration value="ALL"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeAircraftEngineNumberBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="1"/>
```

Comment [PE2]: Approved with change proposal AIXM-150

```
                        <enumeration value="2"/>
                        <enumeration value="3"/>
                        <enumeration value="4"/>
                        <enumeration value="6"/>
                        <enumeration value="8"/>
                        <enumeration value="2C"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeAircraftGroundServiceBaseType">
    <union>
        <simpleType>
                <restriction base="string">
                        <enumeration value="DEICE"/>
                        <enumeration value="HAND"/>
                        <enumeration value="HANGAR"/>
                        <enumeration value="REPAIR"/>
                        <enumeration value="REMOVE"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeAircraftICAOBaseType">
    <restriction base="aixm:AlphanumericType">
            <maxLength value="4"/>
            <minLength value="1"/>
            <maxLength value="4"/>
    </restriction>
</simpleType>
<simpleType name="CodeAircraftStandBaseType">
    <union>
        <simpleType>
                <restriction base="string">
                        <enumeration value="NI"/>
                        <enumeration value="ANG_NI"/>
                        <enumeration value="ANG_NO"/>
                        <enumeration value="PARL"/>
                        <enumeration value="RMT"/>
                        <enumeration value="ISOL"/>
                </restriction>
        </simpleType>
```

```xml
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeAircraftWingspanClassBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="I"/>
				<enumeration value="II"/>
				<enumeration value="III"/>
				<enumeration value="IV"/>
				<enumeration value="V"/>
				<enumeration value="VI"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeAirportHeliportBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="AD"/>
				<enumeration value="AH"/>
				<enumeration value="HP"/>
				<enumeration value="LS"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeAirportHeliportCollocationBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="FULL"/>
				<enumeration value="RWY"/>
				<enumeration value="PARTIAL"/>
				<enumeration value="UNILATERAL"/>
				<enumeration value="SEPARATED"/>
```

```
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeAirportHeliportDesignatorBaseType">
        <restriction base="aixm:AlphanumericType">
            <maxLength value="6"/>
            <minLength value="3"/>
            <maxLength value="6"/>
        </restriction>
    </simpleType>
    <simpleType name="CodeAirportWarningBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="WIP"/>
                    <enumeration value="EQUIP"/>
                    <enumeration value="BIRD"/>
                    <enumeration value="ANIMAL"/>
                    <enumeration value="RUBBER_REMOVAL"/>
                    <enumeration value="PARKED_ACFT"/>
                    <enumeration value="RESURFACING"/>
                    <enumeration value="PAVING"/>
                    <enumeration value="PAINTING"/>
                    <enumeration value="INSPECTION"/>
                    <enumeration value="GRASS_CUTTING"/>
                    <enumeration value="CALIBRATION"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeAirspaceActivityBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="AD_TFC"/>
                    <enumeration value="HELI_TFC"/>
                    <enumeration value="TRAINING"/>
                    <enumeration value="AEROBATICS"/>
                    <enumeration value="AIRSHOW"/>
                    <enumeration value="SPORT"/>
                    <enumeration value="ULM"/>
```

```xml
			<enumeration value="GLIDING"/>
			<enumeration value="PARAGLIDER"/>
			<enumeration value="HANGGLIDING"/>
			<enumeration value="PARACHUTE"/>
			<enumeration value="AIR_DROP"/>
			<enumeration value="BALLOON"/>
			<enumeration value="RADIOSONDE"/>
			<enumeration value="SPACE_FLIGHT"/>
			<enumeration value="UAV"/>
			<enumeration value="AERIAL_WORK"/>
			<enumeration value="CROP_DUSTING"/>
			<enumeration value="FIRE_FIGHTING"/>
			<enumeration value="MILOPS"/>
			<enumeration value="REFUEL"/>
			<enumeration value="JET_CLIMBING"/>
			<enumeration value="EXERCISE"/>
			<enumeration value="TOWING"/>
			<enumeration value="NAVAL_EXER"/>
			<enumeration value="MISSILES"/>
			<enumeration value="AIR_GUN"/>
			<enumeration value="ARTILLERY"/>
			<enumeration value="SHOOTING"/>
			<enumeration value="BLASTING"/>
			<enumeration value="WATER_BLASTING"/>
			<enumeration value="ANTI_HAIL"/>
			<enumeration value="BIRD"/>
			<enumeration value="BIRD_MIGRATION"/>
			<enumeration value="FIREWORK"/>
			<enumeration value="HI_RADIO"/>
			<enumeration value="HI_LIGHT"/>
			<enumeration value="LASER"/>
			<enumeration value="NATURE"/>
			<enumeration value="FAUNA"/>
			<enumeration value="NO_NOISE"/>
			<enumeration value="ACCIDENT"/>
			<enumeration value="POPULATION"/>
			<enumeration value="VIP"/>
			<enumeration value="VIP_PRES"/>
			<enumeration value="VIP_VICE"/>
			<enumeration value="OIL"/>
			<enumeration value="GAS"/>
			<enumeration value="REFINERY"/>
			<enumeration value="CHEMICAL"/>
			<enumeration value="NUCLEAR"/>
			<enumeration value="TECHNICAL"/>
			<enumeration value="ATS"/>
			<enumeration value="PROCEDURE"/>
		</restriction>
	</simpleType>
	<simpleType>
		<restriction base="string">
			<pattern value="OTHER(:(\w|_){1,58})?"/>
```

```xml
				</restriction>
			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodeAirspaceAggregationBaseType">
		<union>
			<simpleType>
				<restriction base="string">
					<enumeration value="BASE"/>
					<enumeration value="UNION"/>
					<enumeration value="INTERS"/>
					<enumeration value="SUBTR"/>
				</restriction>
			</simpleType>
			<simpleType>
				<restriction base="string">
					<pattern value="OTHER(:(\w|_){1,58})?"/>
				</restriction>
			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodeAirspaceBaseType">
		<union>
			<simpleType>
				<restriction base="string">
					<enumeration value="NAS"/>
					<enumeration value="FIR"/>
					<enumeration value="FIR_P"/>
					<enumeration value="UIR"/>
					<enumeration value="UIR_P"/>
					<enumeration value="CTA"/>
					<enumeration value="CTA_P"/>
					<enumeration value="OCA_P"/>
					<enumeration value="OCA"/>
					<enumeration value="UTA"/>
					<enumeration value="UTA_P"/>
					<enumeration value="TMA"/>
					<enumeration value="TMA_P"/>
					<enumeration value="CTR"/>
					<enumeration value="CTR_P"/>
					<enumeration value="OTA"/>
					<enumeration value="SECTOR"/>
					<enumeration value="SECTOR_C"/>
					<enumeration value="TSA"/>
					<enumeration value="CBA"/>
					<enumeration value="RCA"/>
					<enumeration value="RAS"/>
					<enumeration value="AWY"/>
					<enumeration value="MTR"/>
					<enumeration value="P"/>
					<enumeration value="R"/>
					<enumeration value="D"/>
```

```xml
                        <enumeration value="ADIZ"/>
                        <enumeration value="NO_FIR"/>
                        <enumeration value="PART"/>
                        <enumeration value="CLASS"/>
                        <enumeration value="POLITICAL"/>
                        <enumeration value="D_OTHER"/>
                        <enumeration value="TRA"/>
                        <enumeration value="A"/>
                        <enumeration value="W"/>
                        <enumeration value="PROTECT"/>
                        <enumeration value="AMA"/>
                        <enumeration value="ASR"/>
                        <enumeration value="ADV"/>
                        <enumeration value="UADV"/>
                        <enumeration value="ATZ"/>
                        <enumeration value="ATZ_P"/>
                        <enumeration value="HTZ"/>
                        <enumeration value="NAS_P"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeAirspaceClassificationBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="A"/>
                        <enumeration value="B"/>
                        <enumeration value="C"/>
                        <enumeration value="D"/>
                        <enumeration value="E"/>
                        <enumeration value="F"/>
                        <enumeration value="G"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeAirspaceDependencyBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="FULL_GEOMETRY"/>
```

```xml
                                <enumeration value="HORZ_PROJECTION"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeAirspaceDesignatorBaseType">
        <restriction base="aixm:Character3Type">
                <minLength value="1"/>
                <maxLength value="10"/>
                <minLength value="1"/>
        </restriction>
</simpleType>
<simpleType name="CodeAirspacePointPositionBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="IN"/>
                                <enumeration value="OUT"/>
                                <enumeration value="BORDER"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeAirspacePointRoleBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="ENTRY"/>
                                <enumeration value="EXIT"/>
                                <enumeration value="ENTRY_EXIT"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeAltitudeAdjustmentBaseType">
        <union>
                <simpleType>
```

```xml
                    <restriction base="string">
                        <enumeration value="RA"/>
                        <enumeration value="AS"/>
                        <enumeration value="AT"/>
                        <enumeration value="AC"/>
                        <enumeration value="SI"/>
                        <enumeration value="XL"/>
                        <enumeration value="PR"/>
                        <enumeration value="HAA"/>
                        <enumeration value="MA"/>
                        <enumeration value="PT"/>
                        <enumeration value="DG"/>
                        <enumeration value="GS"/>
                        <enumeration value="CA"/>
                        <enumeration value="MT"/>
                        <enumeration value="MAH"/>
                        <enumeration value="SA"/>
                        <enumeration value="AAO"/>
                        <enumeration value="VA"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeAltitudeUseBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="ABOVE_LOWER"/>
                        <enumeration value="BELOW_UPPER"/>
                        <enumeration value="AT_LOWER"/>
                        <enumeration value="BETWEEN"/>
                        <enumeration value="RECOMMENDED"/>
                        <enumeration value="EXPECT_LOWER"/>
                        <enumeration value="AS_ASSIGNED"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeApproachBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
```

```xml
					<enumeration value="ASR"/>
					<enumeration value="ARA"/>
					<enumeration value="ARSR"/>
					<enumeration value="PAR"/>
					<enumeration value="ILS"/>
					<enumeration value="ILS_DME"/>
					<enumeration value="ILS_PRM"/>
					<enumeration value="LDA"/>
					<enumeration value="LDA_DME"/>
					<enumeration value="LOC"/>
					<enumeration value="LOC_BC"/>
					<enumeration value="LOC_DME"/>
					<enumeration value="LOC_DME_BC"/>
					<enumeration value="MLS"/>
					<enumeration value="MLS_DME"/>
					<enumeration value="NDB"/>
					<enumeration value="NDB_DME"/>
					<enumeration value="SDF"/>
					<enumeration value="TLS"/>
					<enumeration value="VOR"/>
					<enumeration value="VOR_DME"/>
					<enumeration value="TACAN"/>
					<enumeration value="VORTAC"/>
					<enumeration value="DME"/>
					<enumeration value="DME_DME"/>
					<enumeration value="RNP"/>
					<enumeration value="GPS"/>
					<enumeration value="GLONASS"/>
					<enumeration value="GALILEO"/>
					<enumeration value="RNAV"/>
					<enumeration value="IGS"/>
				</restriction>
			</simpleType>
			<simpleType>
				<restriction base="string">
					<pattern value="OTHER(:(\w|_){1,58})?"/>
				</restriction>
			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodeApproachEquipmentAdditionalBaseType">
		<union>
			<simpleType>
				<restriction base="string">
					<enumeration value="ADF"/>
					<enumeration value="DME"/>
					<enumeration value="RADAR"/>
					<enumeration value="RADARDME"/>
					<enumeration value="VORLOC"/>
					<enumeration value="DUALVORDME"/>
					<enumeration value="DUALADF"/>
					<enumeration value="ADFMA"/>
```

```xml
                                <enumeration value="SPECIAL"/>
                                <enumeration value="DUALVHF"/>
                                <enumeration value="GPSRNP3"/>
                                <enumeration value="ADFILS"/>
                                <enumeration value="DUALADF_DME"/>
                                <enumeration value="RADAR_RNAV"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeApproachGuidanceBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="NON_PRECISION"/>
                                <enumeration value="ILS_PRECISION_CAT_I"/>
                                <enumeration value="ILS_PRECISION_CAT_II"/>
                                <enumeration
value="ILS_PRECISION_CAT_IIIA"/>
                                <enumeration
value="ILS_PRECISION_CAT_IIIB"/>
                                <enumeration
value="ILS_PRECISION_CAT_IIIC"/>
                                <enumeration
value="ILS_PRECISION_CAT_IIID"/>
                                <enumeration value="MLS_PRECISION"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeApproachLightingBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="ALSAF"/>
                                <enumeration value="MALS"/>
                                <enumeration value="MALSR"/>
                                <enumeration value="SALS"/>
                                <enumeration value="SSALS"/>
                                <enumeration value="SSALR"/>
                                <enumeration value="LDIN"/>
                                <enumeration value="ODALS"/>
```

```xml
                    <enumeration value="AFOVRN"/>
                    <enumeration value="MILOVRN"/>
                    <enumeration value="CALVERT"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeApproachLightingICAOBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="SIMPLE"/>
                    <enumeration value="CAT1"/>
                    <enumeration value="CAT23"/>
                    <enumeration value="CIRCLING"/>
                    <enumeration value="LEADIN"/>
                    <enumeration value="NONE"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeApproachPrefixBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="HI"/>
                    <enumeration value="COPTER"/>
                    <enumeration value="CONVERGING"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeApprovalBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="APPROVED"/>
```

```xml
                              <enumeration value="DISAPPROVED"/>
                              <enumeration value="NOT_AUTHORISED"/>
                              <enumeration value="RESTRICTED"/>
                        </restriction>
                  </simpleType>
                  <simpleType>
                        <restriction base="string">
                              <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                  </simpleType>
            </union>
      </simpleType>
      <simpleType name="CodeApronElementBaseType">
            <union>
                  <simpleType>
                        <restriction base="string">
                              <enumeration value="NORMAL"/>
                              <enumeration value="PARKING"/>
                              <enumeration value="RAMP"/>
                              <enumeration value="CARGO"/>
                              <enumeration value="FUEL"/>
                              <enumeration value="HARDSTAND"/>
                              <enumeration value="MAINT"/>
                              <enumeration value="MILITARY"/>
                              <enumeration value="LOADING"/>
                              <enumeration value="TAXILANE"/>
                              <enumeration value="TURNAROUND"/>
                              <enumeration value="TEMPORARY"/>
                              <enumeration value="STAIRS"/>
                        </restriction>
                  </simpleType>
                  <simpleType>
                        <restriction base="string">
                              <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                  </simpleType>
            </union>
      </simpleType>
      <simpleType name="CodeApronSectionBaseType">
            <union>
                  <simpleType>
                        <restriction base="string">
                              <enumeration value="EDGE"/>
                        </restriction>
                  </simpleType>
                  <simpleType>
                        <restriction base="string">
                              <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                  </simpleType>
            </union>
      </simpleType>
```

```xml
<simpleType name="CodeArcDirectionBaseType">
      <union>
            <simpleType>
                  <restriction base="string">
                        <enumeration value="CWA"/>
                        <enumeration value="CCA"/>
                  </restriction>
            </simpleType>
            <simpleType>
                  <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                  </restriction>
            </simpleType>
      </union>
</simpleType>
<simpleType name="CodeArrestingGearEnergyAbsorbBaseType">
      <union>
            <simpleType>
                  <restriction base="string">
                        <enumeration value="ROTARY_1300"/>
                        <enumeration value="ROTARY_2800"/>
                        <enumeration value="ROTARY_34B_1A"/>
                        <enumeration value="ROTARY_34B_1B"/>
                        <enumeration value="ROTARY_34B_1C"/>
                        <enumeration value="ROTARY_34D_1F"/>
                        <enumeration value="ROTARY_44B_2C"/>
                        <enumeration value="ROTARY_44B_2D"/>
                        <enumeration value="ROTARY_44B_2E"/>
                        <enumeration value="ROTARY_44B_2F"/>
                        <enumeration value="ROTARY_44B_2H"/>
                        <enumeration value="ROTARY_44B_2I"/>
                        <enumeration value="ROTARY_44B_2L"/>
                        <enumeration value="ROTARY_44B_3A"/>
                        <enumeration value="ROTARY_44B_3H"/>
                        <enumeration value="ROTARY_44B_3L"/>
                        <enumeration value="ROTARY_44B_4C"/>
                        <enumeration value="ROTARY_44B_4E"/>
                        <enumeration value="ROTARY_44B_4H"/>
                        <enumeration value="ROTARY_500S"/>
                        <enumeration value="ROTARY_500S_4"/>
                        <enumeration value="ROTARY_500S_6"/>
                        <enumeration value="ROTARY_500S_8"/>
                        <enumeration value="ROTARYTRANS_500S_8"/>
                        <enumeration value="ROTARY_AAE_64"/>
                        <enumeration value="ROTARY_BAK_12A"/>
                        <enumeration value="ROTARY_BAK_12B"/>
                        <enumeration value="ROTARY_BAK_13"/>
                        <enumeration value="LINEAR_BAK_6"/>
                        <enumeration value="ROTARY_BAK_9"/>
                        <enumeration value="DISK_BEFAB_12_3"/>
                        <enumeration value="DISK_BEFAB_20_4"/>
                        <enumeration value="DISK_BEFAB_21_2"/>
```

```xml
                    <enumeration value="DISK_BEFAB_24_4"/>
                    <enumeration value="DISK_BEFAB_56_2"/>
                    <enumeration value="DISK_BEFAB_6_3"/>
                    <enumeration value="DISK_BEFAB_60_2"/>
                    <enumeration value="DISK_BEFAB_8_3"/>
                    <enumeration value="CHAIN_CHAG"/>
                    <enumeration value="ROTARY_DUAL_BAK_12"/>
                    <enumeration value="ROTARY_E15"/>
                    <enumeration value="ROTARY_E27"/>
                    <enumeration value="ROTARY_E28"/>
                    <enumeration value="CHAIN_E5"/>
                    <enumeration value="CHAIN_E5_1"/>
                    <enumeration value="CHAIN_E5_2"/>
                    <enumeration value="CHAIN_E5_3"/>
                    <enumeration value="CHAIN_E6"/>
                    <enumeration value="ROTARY_CHAIN_JETSTOP"/>
                    <enumeration value="MOBILROTARY_M21"/>
                    <enumeration value="MOBILROTARY_MAAS"/>
                    <enumeration value="MOBILROTARY_MAG_I"/>
                    <enumeration value="MOBILROTARY_MAG_II"/>
                    <enumeration value="MOBILROTARY_MAG_III"/>
                    <enumeration value="MOBILROTARY_MAG_IV"/>
                    <enumeration value="MOBILROTARY_MAG_IX"/>
                    <enumeration value="MOBILROTARY_MAG_VI"/>
                    <enumeration value="MOBILROTARY_MAG_VII"/>
                    <enumeration value="MOBILROTARY_MAG_VIII"/>
                    <enumeration value="MOBILROTARY_MAG_X"/>
                    <enumeration value="TEXTILE_MB_100"/>
                    <enumeration value="TEXTILE_MB_60"/>
                    <enumeration
value="MOBILROTARY_HYDRAULIC_WATER"/>
                    <enumeration value="ROTARY_PUAG_MK_21"/>
                    <enumeration value="DISK_RAF_MK_12A"/>
                    <enumeration value="DISK_RAF_MK_6"/>
                    <enumeration value="RAF_PORTABLE_AGEAR"/>
                    <enumeration
value="DISK_RAF_TYPEA_BEFAB_6_3"/>
                    <enumeration
value="DISK_RAF_TYPEB_BEFAB_12_3"/>
                    <enumeration value="ROTARY_RHAG_MK_1"/>
                    <enumeration
value="ROTARY_HYDRAULIC_WATER"/>
                    <enumeration
value="BARRIER_DISK_SAFELAND"/>
                    <enumeration value="LINEAR_SPRAG_MK_1"/>
            </restriction>
        </simpleType>
        <simpleType>
            <restriction base="string">
                <pattern value="OTHER(:(\w|_){1,58})?"/>
            </restriction>
        </simpleType>
```

```xml
                </union>
        </simpleType>
        <simpleType name="CodeArrestingGearEngageDeviceBaseType">
                <union>
                        <simpleType>
                                <restriction base="string">
                                        <enumeration value="61QSII"/>
                                        <enumeration value="62NI"/>
                                        <enumeration value="63PI"/>
                                        <enumeration value="NET_A30"/>
                                        <enumeration value="NET_A40"/>
                                        <enumeration value="BAK_11_STRUT"/>
                                        <enumeration value="BAK_12"/>
                                        <enumeration value="BAK_14_HOOK"/>
                                        <enumeration value="BAK_15_STANCHION_NET"/>
                                        <enumeration value="BAK_15_HOOK"/>
                                        <enumeration value="EMAS"/>
                                        <enumeration value="HOOK_CABLE"/>
                                        <enumeration value="HP_NET"/>
                                        <enumeration value="J_BAR"/>
                                        <enumeration value="JET_BARRIER"/>
                                        <enumeration value="MA_1_NET"/>
                                        <enumeration value="MA_1A_HOOK_CABLE"/>
                                        <enumeration value="NET"/>
                                        <enumeration value="HOOK_H"/>
                                </restriction>
                        </simpleType>
                        <simpleType>
                                <restriction base="string">
                                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                                </restriction>
                        </simpleType>
                </union>
        </simpleType>
        <simpleType name="CodeATCReportingBaseType">
                <union>
                        <simpleType>
                                <restriction base="string">
                                        <enumeration value="COMPULSORY"/>
                                        <enumeration value="ON_REQUEST"/>
                                        <enumeration value="NO_REPORT"/>
                                </restriction>
                        </simpleType>
                        <simpleType>
                                <restriction base="string">
                                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                                </restriction>
                        </simpleType>
                </union>
        </simpleType>
        <simpleType name="CodeAuralMorseBaseType">
                <restriction base="string">
```

```xml
                        <pattern value="([\-\.]*)"/>
                </restriction>
        </simpleType>
        <simpleType name="CodeAuthorityBaseType">
                <union>
                        <simpleType>
                                <restriction base="string">
                                        <enumeration value="OWN"/>
                                        <enumeration value="DLGT"/>
                                        <enumeration value="AIS"/>
                                </restriction>
                        </simpleType>
                        <simpleType>
                                <restriction base="string">
                                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                                </restriction>
                        </simpleType>
                </union>
        </simpleType>
        <simpleType name="CodeAuthorityRoleBaseType">
                <union>
                        <simpleType>
                                <restriction base="string">
                                        <enumeration value="OWN"/>
                                        <enumeration value="OPERATE"/>
                                        <enumeration value="SUPERVISE"/>
                                </restriction>
                        </simpleType>
                        <simpleType>
                                <restriction base="string">
                                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                                </restriction>
                        </simpleType>
                </union>
        </simpleType>
        <simpleType name="CodeAviationStandardsBaseType">
                <union>
                        <simpleType>
                                <restriction base="string">
                                        <enumeration value="ICAO"/>
                                        <enumeration value="IATA"/>
                                        <enumeration value="NATO"/>
                                        <enumeration value="FAA"/>
                                </restriction>
                        </simpleType>
                        <simpleType>
                                <restriction base="string">
                                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                                </restriction>
                        </simpleType>
                </union>
        </simpleType>
```

```xml
<simpleType name="CodeBearingBaseType">
      <union>
            <simpleType>
                  <restriction base="string">
                        <enumeration value="TRUE"/>
                        <enumeration value="MAG"/>
                        <enumeration value="RDL"/>
                        <enumeration value="TRK"/>
                        <enumeration value="HDG"/>
                  </restriction>
            </simpleType>
            <simpleType>
                  <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                  </restriction>
            </simpleType>
      </union>
</simpleType>
<simpleType name="CodeBuoyBaseType">
      <union>
            <simpleType>
                  <restriction base="string">
                        <enumeration value="BLACK_RED_FL2"/>
                        <enumeration value="GREEN"/>
                        <enumeration value="GREEN_RED_GFL"/>
                        <enumeration value="Q3_VQ3"/>
                        <enumeration value="Q6_VQ6"/>
                        <enumeration value="Q9_VQ9"/>
                        <enumeration value="Q_VQ"/>
                        <enumeration value="RED"/>
                        <enumeration value="RED_GREEN_RFL"/>
                        <enumeration value="RED_WHITE"/>
                        <enumeration value="WHITE"/>
                        <enumeration value="YELLOW"/>
                  </restriction>
            </simpleType>
            <simpleType>
                  <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                  </restriction>
            </simpleType>
      </union>
</simpleType>
<simpleType name="CodeBuoyDesignatorBaseType">
      <restriction base="aixm:AlphanumericType"/>
</simpleType>
<simpleType name="CodeCardinalDirectionBaseType">
      <union>
            <simpleType>
                  <restriction base="string">
                        <enumeration value="N"/>
                        <enumeration value="NE"/>
```

> **Comment [PE4]:** Approved with change proposal AIXM-146

```xml
				<enumeration value="E"/>
				<enumeration value="SE"/>
				<enumeration value="S"/>
				<enumeration value="SW"/>
				<enumeration value="W"/>
				<enumeration value="NW"/>
				<enumeration value="NNE"/>
				<enumeration value="ENE"/>
				<enumeration value="ESE"/>
				<enumeration value="SSE"/>
				<enumeration value="SSW"/>
				<enumeration value="WSW"/>
				<enumeration value="WNW"/>
				<enumeration value="NNW"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeCheckpointCategoryBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="A"/>
				<enumeration value="G"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeColourBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="YELLOW"/>
				<enumeration value="RED"/>
				<enumeration value="WHITE"/>
				<enumeration value="BLUE"/>
				<enumeration value="GREEN"/>
				<enumeration value="PURPLE"/>
				<enumeration value="ORANGE"/>
				<enumeration value="AMBER"/>
				<enumeration value="BLACK"/>
				<enumeration value="BROWN"/>
```

```xml
                    <enumeration value="GREY"/>
                    <enumeration value="LIGHT_GREY"/>
                    <enumeration value="MAGENTA"/>
                    <enumeration value="PINK"/>
                    <enumeration value="VIOLET"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeCommunicationChannelBaseType">
        <union memberTypes="string">
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeCommunicationDirectionBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="UPLINK"/>
                    <enumeration value="DOWNLINK"/>
                    <enumeration value="BIDIRECTIONAL"/>
                    <enumeration value="UPCAST"/>
                    <enumeration value="DOWNCAST"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeCommunicationModeBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="HF"/>
                    <enumeration value="VHF"/>
                    <enumeration value="VDL1"/>
                    <enumeration value="VDL2"/>
                    <enumeration value="VDL4"/>
                    <enumeration value="AMSS"/>
                    <enumeration value="ADS_B"/>
```

```xml
                            <enumeration value="ADS_B_VDL"/>
                            <enumeration value="HFDL"/>
                            <enumeration value="VHF_833"/>
                            <enumeration value="UHF"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeComparisonBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="LESS"/>
                            <enumeration value="LESS_OR_EQUAL"/>
                            <enumeration value="EQUAL"/>
                            <enumeration value="GREATER_OR_EQUAL"/>
                            <enumeration value="GREATER"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeContaminationBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="NONE"/>
                            <enumeration value="DAMP"/>
                            <enumeration value="WATER"/>
                            <enumeration value="FROST"/>
                            <enumeration value="DRY_SNOW"/>
                            <enumeration value="WET_SNOW"/>
                            <enumeration value="SLUSH"/>
                            <enumeration value="ICE"/>
                            <enumeration value="COMPACT_SNOW"/>
                            <enumeration value="RUT"/>
                            <enumeration value="ASH"/>
                            <enumeration value="SAND"/>
                            <enumeration value="OIL"/>
                            <enumeration value="RUBBER"/>
                            <enumeration value="GRAS"/>
                    </restriction>
            </simpleType>
```

```xml
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeCourseBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="TRUE_TRACK"/>
                    <enumeration value="MAG_TRACK"/>
                    <enumeration value="TRUE_BRG"/>
                    <enumeration value="MAG_BRG"/>
                    <enumeration value="HDG"/>
                    <enumeration value="RDL"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeCourseQualityILSBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="A"/>
                    <enumeration value="B"/>
                    <enumeration value="C"/>
                    <enumeration value="D"/>
                    <enumeration value="E"/>
                    <enumeration value="T"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeDayBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="MON"/>
                    <enumeration value="TUE"/>
                    <enumeration value="WED"/>
```

```xml
                    <enumeration value="THU"/>
                    <enumeration value="FRI"/>
                    <enumeration value="SAT"/>
                    <enumeration value="SUN"/>
                    <enumeration value="WORK_DAY"/>
                    <enumeration value="BEF_WORK_DAY"/>
                    <enumeration value="AFT_WORK_DAY"/>
                    <enumeration value="HOL"/>
                    <enumeration value="BEF_HOL"/>
                    <enumeration value="AFT_HOL"/>
                    <enumeration value="ANY"/>
                    <enumeration value="BUSY_FRI"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeDeclaredDistanceBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="LDA"/>
                    <enumeration value="TORA"/>
                    <enumeration value="TODA"/>
                    <enumeration value="ASDA"/>
                    <enumeration value="DTHR"/>
                    <enumeration value="TODAH"/>
                    <enumeration value="RTODAH"/>
                    <enumeration value="LDAH"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeDesignatedPointBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="ICAO"/>
                    <enumeration value="COORD"/>
                    <enumeration value="CNF"/>
                    <enumeration value="DESIGNED"/>
                    <enumeration value="MTR"/>
                    <enumeration value="TERMINAL"/>
```

```xml
                                <enumeration value="BRG_DIST"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeDesignatedPointDesignatorBaseType">
        <restriction base="aixm:AlphanumericType">
                <maxLength value="5"/>
                <minLength value="1"/>
                <maxLength value="5"/>
        </restriction>
</simpleType>
<simpleType name="CodeDesignStandardBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="PANS_OPS"/>
                                <enumeration value="TERPS"/>
                                <enumeration value="CANADA_TERPS"/>
                                <enumeration value="NATO"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeDirectionBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="FORWARD"/>
                                <enumeration value="BACKWARD"/>
                                <enumeration value="BOTH"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeDirectionReferenceBaseType">
        <union>
```

```xml
            <simpleType>
                <restriction base="string">
                    <enumeration value="TO"/>
                    <enumeration value="FROM"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeDirectionTurnBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="LEFT"/>
                    <enumeration value="RIGHT"/>
                    <enumeration value="EITHER"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeDistanceIndicationBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="DME"/>
                    <enumeration value="GEODETIC"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeDistanceVerticalUomType">
        <restriction base="aixm:UomDistanceVerticalType"/>
    </simpleType>
    <simpleType name="CodeDMEBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="NARROW"/>
```

```xml
                    <enumeration value="PRECISION"/>
                    <enumeration value="WIDE"/>
            </restriction>
    </simpleType>
    <simpleType>
            <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
            </restriction>
    </simpleType>
</union>
</simpleType>
<simpleType name="CodeDMEChannelBaseType">
    <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="1X"/>
                            <enumeration value="1Y"/>
                            <enumeration value="2X"/>
                            <enumeration value="2Y"/>
                            <enumeration value="3X"/>
                            <enumeration value="3Y"/>
                            <enumeration value="4X"/>
                            <enumeration value="4Y"/>
                            <enumeration value="5X"/>
                            <enumeration value="5Y"/>
                            <enumeration value="6X"/>
                            <enumeration value="6Y"/>
                            <enumeration value="7X"/>
                            <enumeration value="7Y"/>
                            <enumeration value="8X"/>
                            <enumeration value="8Y"/>
                            <enumeration value="9X"/>
                            <enumeration value="9Y"/>
                            <enumeration value="10X"/>
                            <enumeration value="10Y"/>
                            <enumeration value="11X"/>
                            <enumeration value="11Y"/>
                            <enumeration value="12X"/>
                            <enumeration value="12Y"/>
                            <enumeration value="13X"/>
                            <enumeration value="13Y"/>
                            <enumeration value="14X"/>
                            <enumeration value="14Y"/>
                            <enumeration value="15X"/>
                            <enumeration value="15Y"/>
                            <enumeration value="16X"/>
                            <enumeration value="16Y"/>
                            <enumeration value="17X"/>
                            <enumeration value="17Y"/>
                            <enumeration value="17Z"/>
                            <enumeration value="18X"/>
                            <enumeration value="18W"/>
```

```
<enumeration value="18Y"/>
<enumeration value="18Z"/>
<enumeration value="19X"/>
<enumeration value="19Y"/>
<enumeration value="19Z"/>
<enumeration value="20X"/>
<enumeration value="20W"/>
<enumeration value="20Y"/>
<enumeration value="20Z"/>
<enumeration value="21X"/>
<enumeration value="21Y"/>
<enumeration value="21Z"/>
<enumeration value="22X"/>
<enumeration value="22W"/>
<enumeration value="22Y"/>
<enumeration value="22Z"/>
<enumeration value="23X"/>
<enumeration value="23Y"/>
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<enumeration value="24X"/>
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<enumeration value="24Y"/>
<enumeration value="24Z"/>
<enumeration value="25X"/>
<enumeration value="25Y"/>
<enumeration value="25Z"/>
<enumeration value="26X"/>
<enumeration value="26W"/>
<enumeration value="26Y"/>
<enumeration value="26Z"/>
<enumeration value="27X"/>
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<enumeration value="27Z"/>
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<enumeration value="28Y"/>
<enumeration value="28Z"/>
<enumeration value="29X"/>
<enumeration value="29Y"/>
<enumeration value="29Z"/>
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<enumeration value="30W"/>
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<enumeration value="31Y"/>
<enumeration value="31Z"/>
<enumeration value="32X"/>
<enumeration value="32W"/>
<enumeration value="32Y"/>
<enumeration value="32Z"/>
<enumeration value="33X"/>
```

```
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<enumeration value="34Y"/>
<enumeration value="34Z"/>
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<enumeration value="47Y"/>
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```

```
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<enumeration value="49X"/>
<enumeration value="49Y"/>
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```xml
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<enumeration value="87Y"/>
<enumeration value="87Z"/>
<enumeration value="88X"/>
<enumeration value="88Y"/>
<enumeration value="88Z"/>
```

```xml
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<enumeration value="89Z"/>
<enumeration value="90X"/>
<enumeration value="90Y"/>
<enumeration value="90Z"/>
<enumeration value="91X"/>
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<enumeration value="104Z"/>
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<enumeration value="105Z"/>
<enumeration value="106X"/>
```

```
<enumeration value="106Y"/>
<enumeration value="106Z"/>
<enumeration value="107X"/>
<enumeration value="107Y"/>
<enumeration value="107Z"/>
<enumeration value="108X"/>
<enumeration value="108Y"/>
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<enumeration value="125X"/>
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```xml
                                <enumeration value="125Y"/>
                                <enumeration value="126X"/>
                                <enumeration value="126Y"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeEmissionBandBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="U"/>
                                <enumeration value="H"/>
                                <enumeration value="M"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeEquipmentAntiCollisionBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="ACAS_I"/>
                                <enumeration value="ACAS_II"/>
                                <enumeration value="GPWS"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeEquipmentUnavailableBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="STANDARD"/>
                                <enumeration value="NONSTANDARD"/>
                        </restriction>
                </simpleType>
```

```xml
<simpleType>
    <restriction base="string">
        <pattern value="OTHER(:(\w|_){1,58})?"/>
    </restriction>
</simpleType>
        </union>
</simpleType>
<simpleType name="CodeFacilityRankingBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="PRIMARY"/>
                    <enumeration value="SECONDARY"/>
                    <enumeration value="ALTERNATE"/>
                    <enumeration value="EMERG"/>
                    <enumeration value="GUARD"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeFinalGuidanceBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="LPV"/>
                    <enumeration value="LNAV_VNAV"/>
                    <enumeration value="LNAV"/>
                    <enumeration value="GLS"/>
                    <enumeration value="ASR"/>
                    <enumeration value="ARA"/>
                    <enumeration value="ARSR"/>
                    <enumeration value="PAR"/>
                    <enumeration value="ILS"/>
                    <enumeration value="ILS_DME"/>
                    <enumeration value="ILS_PRM"/>
                    <enumeration value="LDA"/>
                    <enumeration value="LDA_DME"/>
                    <enumeration value="LOC"/>
                    <enumeration value="LOC_BC"/>
                    <enumeration value="LOC_DME"/>
                    <enumeration value="LOC_DME_BC"/>
                    <enumeration value="MLS"/>
                    <enumeration value="MLS_DME"/>
                    <enumeration value="NDB"/>
                    <enumeration value="NDB_DME"/>
                    <enumeration value="SDF"/>
                    <enumeration value="TLS"/>
```

```xml
                                <enumeration value="VOR"/>
                                <enumeration value="VOR_DME"/>
                                <enumeration value="TACAN"/>
                                <enumeration value="VORTAC"/>
                                <enumeration value="DME"/>
                                <enumeration value="LP"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeFireFightingBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="H1"/>
                                <enumeration value="H2"/>
                                <enumeration value="H3"/>
                                <enumeration value="A1"/>
                                <enumeration value="A2"/>
                                <enumeration value="A3"/>
                                <enumeration value="A4"/>
                                <enumeration value="A5"/>
                                <enumeration value="A6"/>
                                <enumeration value="A7"/>
                                <enumeration value="A8"/>
                                <enumeration value="A9"/>
                                <enumeration value="A10"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeFlightBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="OAT"/>
                                <enumeration value="GAT"/>
                                <enumeration value="ALL"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
```

```xml
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeFlightDestinationBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="ARR"/>
                                <enumeration value="DEP"/>
                                <enumeration value="OVERFLY"/>
                                <enumeration value="ALL"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeFlightOriginBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="NTL"/>
                                <enumeration value="INTL"/>
                                <enumeration value="ALL"/>
                                <enumeration value="HOME_BASED"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeFlightPurposeBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="SCHEDULED"/>
                                <enumeration value="NON_SCHEDULED"/>
                                <enumeration value="PRIVATE"/>
                                <enumeration value="AIR_TRAINING"/>
                                <enumeration value="AIR_WORK"/>
                                <enumeration value="ALL"/>
                                <enumeration value="PARTICIPANT"/>
                        </restriction>
                </simpleType>
```

```
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeFlightRestrictionBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="FORBID"/>
                                <enumeration value="MANDATORY"/>
                                <enumeration value="CLSD"/>
                                <enumeration value="ALLOWED"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeFlightRestrictionDesignatorBaseType">
        <restriction base="aixm:Character1Type">
                <minLength value="1"/>
                <maxLength value="16"/>
                <minLength value="1"/>
        </restriction>
</simpleType>
<simpleType name="CodeFlightRuleBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="IFR"/>
                                <enumeration value="VFR"/>
                                <enumeration value="ALL"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeFlightStatusBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="HEAD"/>
```

```xml
                    <enumeration value="STATE"/>
                    <enumeration value="HUM"/>
                    <enumeration value="HOSP"/>
                    <enumeration value="SAR"/>
                    <enumeration value="ALL"/>
                    <enumeration value="EMERGENCY"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeFlowConditionOperationBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="AND"/>
                    <enumeration value="ANDNOT"/>
                    <enumeration value="OR"/>
                    <enumeration value="SEQ"/>
                    <enumeration value="NONE"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeFreeFlightBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="PITCH"/>
                    <enumeration value="CATCH"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeFrictionDeviceBaseType">
        <union>
            <simpleType>
                <restriction base="string">
```

```xml
                                <enumeration value="BRD"/>
                                <enumeration value="GRT"/>
                                <enumeration value="MUM"/>
                                <enumeration value="RFT"/>
                                <enumeration value="SFH"/>
                                <enumeration value="SFL"/>
                                <enumeration value="SKH"/>
                                <enumeration value="SKL"/>
                                <enumeration value="TAP"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeFrictionEstimateBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="GOOD"/>
                                <enumeration value="MEDIUM_GOOD"/>
                                <enumeration value="MEDIUM"/>
                                <enumeration value="MEDIUM_POOR"/>
                                <enumeration value="POOR"/>
                                <enumeration value="UNRELIABLE"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeFuelBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="AVGAS"/>
                                <enumeration value="AVGAS_LL"/>
                                <enumeration value="OCT73"/>
                                <enumeration value="OCT80"/>
                                <enumeration value="OCT82UL"/>
                                <enumeration value="OCT80_87"/>
                                <enumeration value="OCT91_98"/>
                                <enumeration value="OCT100_130"/>
                                <enumeration value="OCT108_135"/>
                                <enumeration value="OCT115_145"/>
                                <enumeration value="MOGAS"/>
```

```xml
                            <enumeration value="JET"/>
                            <enumeration value="A"/>
                            <enumeration value="A1"/>
                            <enumeration value="A1_PLUS"/>
                            <enumeration value="B"/>
                            <enumeration value="JP1"/>
                            <enumeration value="JP2"/>
                            <enumeration value="JP3"/>
                            <enumeration value="JP4"/>
                            <enumeration value="JP5"/>
                            <enumeration value="JP6"/>
                            <enumeration value="JPTS"/>
                            <enumeration value="JP7"/>
                            <enumeration value="JP8"/>
                            <enumeration value="JP8_HIGHER"/>
                            <enumeration value="JP9"/>
                            <enumeration value="JP10"/>
                            <enumeration value="F18"/>
                            <enumeration value="F34"/>
                            <enumeration value="F35"/>
                            <enumeration value="F40"/>
                            <enumeration value="F44"/>
                            <enumeration value="TR0"/>
                            <enumeration value="TR4"/>
                            <enumeration value="TS1"/>
                            <enumeration value="RT"/>
                            <enumeration value="ALL"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeGeoBorderBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="STATE"/>
                                <enumeration value="WATER"/>
                                <enumeration value="COAST"/>
                                <enumeration value="RIVER"/>
                                <enumeration value="BANK"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
```

```xml
				</union>
		</simpleType>
		<simpleType name="CodeGradeSeparationBaseType">
			<union>
				<simpleType>
					<restriction base="string">
						<enumeration value="UNDERPASS"/>
						<enumeration value="OVERPASS"/>
					</restriction>
				</simpleType>
				<simpleType>
					<restriction base="string">
						<pattern value="OTHER(:(\w|_){1,58})?"/>
					</restriction>
				</simpleType>
			</union>
		</simpleType>
		<simpleType name="CodeGroundLightingBaseType">
			<union>
				<simpleType>
					<restriction base="string">
						<enumeration value="BCN"/>
						<enumeration value="IBN"/>
						<enumeration value="HEL_BCN"/>
						<enumeration value="ABN"/>
						<enumeration value="MAR_BCN"/>
						<enumeration value="RSP_BCN"/>
						<enumeration value="TWR_BCN"/>
						<enumeration value="HAZ_BCN"/>
					</restriction>
				</simpleType>
				<simpleType>
					<restriction base="string">
						<pattern value="OTHER(:(\w|_){1,58})?"/>
					</restriction>
				</simpleType>
			</union>
		</simpleType>
		<simpleType name="CodeGuidanceLineBaseType">
			<union>
				<simpleType>
					<restriction base="string">
						<enumeration value="RWY"/>
						<enumeration value="TWY"/>
						<enumeration value="APRON"/>
						<enumeration value="GATE_TLANE"/>
						<enumeration value="LI_TLANE"/>
						<enumeration value="LO_TLANE"/>
						<enumeration value="AIR_TLANE"/>
					</restriction>
				</simpleType>
				<simpleType>
```

```xml
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeHeightReferenceBaseType">
    <union>
        <simpleType>
                <restriction base="string">
                        <enumeration value="HAT"/>
                        <enumeration value="HAA"/>
                        <enumeration value="HAL"/>
                        <enumeration value="HAS"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeHelicopterPerformanceBaseType">
    <union>
        <simpleType>
                <restriction base="string">
                        <enumeration value="1"/>
                        <enumeration value="2"/>
                        <enumeration value="3"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeHoldingCategoryBaseType">
    <union>
        <simpleType>
                <restriction base="string">
                        <enumeration value="NON_PRECISION"/>
                        <enumeration value="CAT_I"/>
                        <enumeration value="CAT_II_III"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
```

```xml
                    </simpleType>
            </union>
    </simpleType>
    <simpleType name="CodeHoldingUsageBaseType">
            <union>
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                            <restriction base="string">
                                    <enumeration value="ENR"/>
                                    <enumeration value="TER"/>
                            </restriction>
                    </simpleType>
                    <simpleType>
                            <restriction base="string">
                                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                            </restriction>
                    </simpleType>
            </union>
    </simpleType>
    <simpleType name="CodeHoldingUseBaseType">
            <union>
                    <simpleType>
                            <restriction base="string">
                                    <enumeration value="PT"/>
                                    <enumeration value="ARRIVAL"/>
                                    <enumeration value="MISSED_APPROACH"/>
                                    <enumeration value="CLIMB"/>
                                    <enumeration value="ATC"/>
                            </restriction>
                    </simpleType>
                    <simpleType>
                            <restriction base="string">
                                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                            </restriction>
                    </simpleType>
            </union>
    </simpleType>
    <simpleType name="CodeIATABaseType">
            <restriction base="aixm:AlphaType">
                    <maxLength value="3"/>
                    <minLength value="3"/>
                    <maxLength value="3"/>
            </restriction>
    </simpleType>
    <simpleType name="CodeICAOBaseType">
            <restriction base="aixm:AlphaType">
                    <maxLength value="4"/>
                    <minLength value="4"/>
                    <maxLength value="4"/>
            </restriction>
    </simpleType>
    <simpleType name="CodeICAOCountryBaseType">
            <restriction base="aixm:AlphanumericType"/>
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```xml
        </simpleType>
        <simpleType name="CodeILSBackCourseBaseType">
            <union>
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                    <restriction base="string">
                        <enumeration value="YES"/>
                        <enumeration value="NO"/>
                        <enumeration value="RSTR"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeIntegrityLevelILSBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="1"/>
                        <enumeration value="2"/>
                        <enumeration value="3"/>
                        <enumeration value="4"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeIntensityStandByBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="OFF"/>
                        <enumeration value="LOW"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeLanguageBaseType">
            <restriction base="string">
                <pattern value="[a-z]{3}"/>
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```
                    </restriction>
        </simpleType>
        <simpleType name="CodeLevelBaseType">
            <union>
                <simpleType>
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                        <enumeration value="UPPER"/>
                        <enumeration value="LOWER"/>
                        <enumeration value="BOTH"/>
                    </restriction>
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                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeLevelSeriesBaseType">
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                <simpleType>
                    <restriction base="string">
                        <enumeration value="ODD"/>
                        <enumeration value="EVEN"/>
                        <enumeration value="ODD_HALF"/>
                        <enumeration value="EVEN_HALF"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeLevelTableDesignatorBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="IFR"/>
                        <enumeration value="IFR_METRES"/>
                        <enumeration value="VFR"/>
                        <enumeration value="VFR_METRES"/>
                        <enumeration value="IFR_RVSM"/>
                        <enumeration value="IFR_METRES_RVSM"/>
                        <enumeration value="VFR_RVMSRVSM"/>
                        <enumeration value="VFR_METRES_RVSM"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
```

```xml
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		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeLightHoldingPositionBaseType">
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			<restriction base="string">
				<enumeration value="STOP_BAR"/>
				<enumeration value="SIGN"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
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		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeLightingJARBaseType">
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		<simpleType>
			<restriction base="string">
				<enumeration value="FALS"/>
				<enumeration value="IALS"/>
				<enumeration value="BALS"/>
				<enumeration value="NALS"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeLightIntensityBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="LIL"/>
				<enumeration value="LIM"/>
				<enumeration value="LIH"/>
				<enumeration value="LIL_LIH"/>
				<enumeration value="PREDETERMINED"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
```

```xml
                </union>
        </simpleType>
        <simpleType name="CodeLightSourceBaseType">
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                                        <enumeration value="FLOOD"/>
                                        <enumeration value="STROBE"/>
                                </restriction>
                        </simpleType>
                        <simpleType>
                                <restriction base="string">
                                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                                </restriction>
                        </simpleType>
                </union>
        </simpleType>
        <simpleType name="CodeLoadingBridgeBaseType">
                <union>
                        <simpleType>
                                <restriction base="string">
                                        <enumeration value="ARM"/>
                                        <enumeration value="MOVABLE_ARM"/>
                                        <enumeration value="PORTABLE_RAMP"/>
                                        <enumeration value="PORTABLE_STAIRS"/>
                                </restriction>
                        </simpleType>
                        <simpleType>
                                <restriction base="string">
                                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                                </restriction>
                        </simpleType>
                </union>
        </simpleType>
        <simpleType name="CodeLocationQualifierBaseType">
                <union>
                        <simpleType>
                                <restriction base="string">
                                        <enumeration value="DEP"/>
                                        <enumeration value="XNG"/>
                                        <enumeration value="ARR"/>
                                        <enumeration value="ACT"/>
                                        <enumeration value="AVBL"/>
                                </restriction>
                        </simpleType>
                        <simpleType>
                                <restriction base="string">
                                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                                </restriction>
                        </simpleType>
                </union>
        </simpleType>
```

```xml
<simpleType name="CodeLogicalOperatorBaseType">
      <union>
            <simpleType>
                  <restriction base="string">
                        <enumeration value="AND"/>
                        <enumeration value="OR"/>
                        <enumeration value="NOT"/>
                        <enumeration value="NONE"/>
                  </restriction>
            </simpleType>
            <simpleType>
                  <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                  </restriction>
            </simpleType>
      </union>
</simpleType>
<simpleType name="CodeMarkerBeaconSignalBaseType">
      <union>
            <simpleType>
                  <restriction base="string">
                        <enumeration value="FAN"/>
                        <enumeration value="LOW_PWR_FAN"/>
                        <enumeration value="Z"/>
                        <enumeration value="BONES"/>
                  </restriction>
            </simpleType>
            <simpleType>
                  <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                  </restriction>
            </simpleType>
      </union>
</simpleType>
<simpleType name="CodeMarkingConditionBaseType">
      <union>
            <simpleType>
                  <restriction base="string">
                        <enumeration value="GOOD"/>
                        <enumeration value="FAIR"/>
                        <enumeration value="POOR"/>
                        <enumeration value="EXCELLENT"/>
                  </restriction>
            </simpleType>
            <simpleType>
                  <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                  </restriction>
            </simpleType>
      </union>
</simpleType>
<simpleType name="CodeMarkingStyleBaseType">
```

```xml
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="SOLID"/>
                    <enumeration value="DASHED"/>
                    <enumeration value="DOTTED"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeMeteoConditionsBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="IMC"/>
                    <enumeration value="VMC"/>
                    <enumeration value="ALL"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeMilitaryOperationsBaseType">
        <union>
            <simpleType>
                <restriction base="string">
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                    <enumeration value="MIL"/>
                    <enumeration value="JOINT"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
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            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeMilitaryRoutePointBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="S"/>
```

```
                            <enumeration value="T"/>
                            <enumeration value="X"/>
                            <enumeration value="AS"/>
                            <enumeration value="AX"/>
                            <enumeration value="ASX"/>
                    </restriction>
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            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
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</simpleType>
<simpleType name="CodeMilitaryStatusBaseType">
      <union>
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                            <enumeration value="MIL"/>
                            <enumeration value="CIVIL"/>
                            <enumeration value="ALL"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
      </union>
</simpleType>
<simpleType name="CodeMilitaryTrainingBaseType">
      <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="IR"/>
                            <enumeration value="VR"/>
                            <enumeration value="SR"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
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            </simpleType>
      </union>
</simpleType>
<simpleType name="CodeMinimaFinalApproachPathBaseType">
      <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="STRAIGHT_IN"/>
                            <enumeration value="CIRCLING"/>
```

```xml
                            <enumeration value="SIDESTEP"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
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            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeMinimumAltitudeBaseType">
        <union>
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                            <enumeration value="MDA"/>
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            <simpleType>
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                            <pattern value="OTHER(:(\w|_){1,58})?"/>
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            </simpleType>
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</simpleType>
<simpleType name="CodeMinimumHeightBaseType">
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            <simpleType>
                    <restriction base="string">
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                            <enumeration value="OCH"/>
                            <enumeration value="MDH"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
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        </union>
</simpleType>
<simpleType name="CodeMissedApproachBaseType">
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                            <enumeration value="SECONDARY"/>
                            <enumeration value="ALTERNATE"/>
                            <enumeration value="TACAN"/>
                            <enumeration value="TACANALT"/>
                            <enumeration value="ENGINEOUT"/>
```

```xml
				</restriction>
			</simpleType>
			<simpleType>
				<restriction base="string">
					<pattern value="OTHER(:(\w|_){1,58})?"/>
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			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodeMLSAzimuthBaseType">
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					<pattern value="OTHER(:(\w|_){1,58})?"/>
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			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodeMLSChannelBaseType">
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```xml
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```xml
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                      </restriction>
              </simpleType>
              <simpleType>
                      <restriction base="string">
                              <pattern value="OTHER(:(\w|_){1,58})?"/>
                      </restriction>
              </simpleType>
      </union>
</simpleType>
<simpleType name="CodeNavaidDesignatorBaseType">
      <restriction base="aixm:AlphanumericType">
              <maxLength value="4"/>
              <minLength value="1"/>
              <maxLength value="4"/>
      </restriction>
</simpleType>
<simpleType name="CodeNavaidPurposeBaseType">
      <union>
              <simpleType>
                      <restriction base="string">
                              <enumeration value="TERMINAL"/>
                              <enumeration value="ENROUTE"/>
                              <enumeration value="ALL"/>
                      </restriction>
              </simpleType>
              <simpleType>
                      <restriction base="string">
                              <pattern value="OTHER(:(\w|_){1,58})?"/>
                      </restriction>
              </simpleType>
      </union>
</simpleType>
```

```xml
<simpleType name="CodeNavaidServiceBaseType">
      <union>
            <simpleType>
                  <restriction base="string">
                        <enumeration value="VOR"/>
                        <enumeration value="DME"/>
                        <enumeration value="NDB"/>
                        <enumeration value="TACAN"/>
                        <enumeration value="MKR"/>
                        <enumeration value="ILS"/>
                        <enumeration value="ILS_DME"/>
                        <enumeration value="MLS"/>
                        <enumeration value="MLS_DME"/>
                        <enumeration value="VORTAC"/>
                        <enumeration value="VOR_DME"/>
                        <enumeration value="NDB_DME"/>
                        <enumeration value="TLS"/>
                        <enumeration value="LOC"/>
                        <enumeration value="LOC_DME"/>
                        <enumeration value="NDB_MKR"/>
                        <enumeration value="DF"/>
                        <enumeration value="SDF"/>
                  </restriction>
            </simpleType>
            <simpleType>
                  <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                  </restriction>
            </simpleType>
      </union>
</simpleType>
<simpleType name="CodeNavigationAreaBaseType">
      <union>
            <simpleType>
                  <restriction base="string">
                        <enumeration value="PNA"/>
                        <enumeration value="OMNI"/>
                        <enumeration value="DVA"/>
                  </restriction>
            </simpleType>
            <simpleType>
                  <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                  </restriction>
            </simpleType>
      </union>
</simpleType>
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      <union>
            <simpleType>
                  <restriction base="string">
                        <enumeration value="VECTOR"/>
```

```xml
                        <enumeration value="OMNIDIRECTIONAL"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeNavigationEquipmentBaseType">
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                        <enumeration value="VOR_DME"/>
                        <enumeration value="DME_DME"/>
                        <enumeration value="TACAN"/>
                        <enumeration value="ILS"/>
                        <enumeration value="MLS"/>
                        <enumeration value="GNSS"/>
                        <enumeration value="WAAS"/>
                        <enumeration value="LORAN"/>
                        <enumeration value="INS"/>
                        <enumeration value="FMS"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
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                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeNavigationSpecificationBaseType">
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                        <enumeration value="RNAV_5"/>
                        <enumeration value="RNAV_2"/>
                        <enumeration value="RNAV_1"/>
                        <enumeration value="RNP_4"/>
                        <enumeration value="RNP_2"/>
                        <enumeration value="BASIC_RNP_1"/>
                        <enumeration value="ADVANCED_RNP_1"/>
                        <enumeration value="RNP_APCH"/>
                        <enumeration value="RNP_AR_APCH"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
```

```xml
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeNDBUsageBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="ENR"/>
                    <enumeration value="L"/>
                    <enumeration value="MAR"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeNitrogenBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="LPNG"/>
                    <enumeration value="HPNG"/>
                    <enumeration value="LHNG"/>
                    <enumeration value="LNG"/>
                    <enumeration value="NGRB"/>
                    <enumeration value="HNGRB"/>
                    <enumeration value="LNGRB"/>
                    <enumeration value="NG"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeNorthReferenceBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="TRUE"/>
                    <enumeration value="MAG"/>
                    <enumeration value="GRID"/>
                </restriction>
            </simpleType>
            <simpleType>
```

```xml
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeNotePurposeBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="DESCRIPTION"/>
                            <enumeration value="REMARK"/>
                            <enumeration value="WARNING"/>
                            <enumeration value="DISCLAIMER"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeObstacleAreaBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="AREA1"/>
                            <enumeration value="AREA2"/>
                            <enumeration value="AREA3"/>
                            <enumeration value="AREA4"/>
                            <enumeration value="OLS"/>
                            <enumeration value="FAR77"/>
                            <enumeration value="MANAGED"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeObstacleAssessmentSurfaceBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="40_TO_1"/>
                            <enumeration value="72_TO_1"/>
                            <enumeration value="MA"/>
                            <enumeration value="FINAL"/>
                            <enumeration value="PT_ENTRY_AREA"/>
```

```xml
                        <enumeration value="PRIMARY"/>
                        <enumeration value="SECONDARY"/>
                        <enumeration value="ZONE1"/>
                        <enumeration value="ZONE2"/>
                        <enumeration value="ZONE3"/>
                        <enumeration value="AREA1"/>
                        <enumeration value="AREA2"/>
                        <enumeration value="AREA3"/>
                        <enumeration value="TURN_INITIATION"/>
                        <enumeration value="TURN"/>
                        <enumeration value="DER"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeObstructionIdSurfaceZoneBaseType">
    <union>
        <simpleType>
                <restriction base="string">
                        <enumeration value="APPROACH"/>
                        <enumeration value="CONICAL"/>
                        <enumeration value="HORIZONTAL"/>
                        <enumeration value="PRIMARY"/>
                        <enumeration value="TRANSITION"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeOilBaseType">
    <union>
        <simpleType>
                <restriction base="string">
                        <enumeration value="PISTON"/>
                        <enumeration value="TURBO"/>
                        <enumeration value="HYDRAULIC"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
```

```xml
            </union>
    </simpleType>
    <simpleType name="CodeOperationAirportHeliportBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="LANDING"/>
                    <enumeration value="TAKEOFF"/>
                    <enumeration value="TOUCHGO"/>
                    <enumeration value="TRAIN_APPROACH"/>
                    <enumeration value="ALTN_LANDING"/>
                    <enumeration value="AIRSHOW"/>
                    <enumeration value="ALL"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeOperationManoeuvringAreaBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="LANDING"/>
                    <enumeration value="TAKEOFF"/>
                    <enumeration value="TOUCHGO"/>
                    <enumeration value="TRAIN_APPROACH"/>
                    <enumeration value="TAXIING"/>
                    <enumeration value="CROSSING"/>
                    <enumeration value="AIRSHOW"/>
                    <enumeration value="ALL"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeOrganisationBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="STATE"/>
                    <enumeration value="STATE_GROUP"/>
                    <enumeration value="ORG"/>
                    <enumeration value="INTL_ORG"/>
                    <enumeration value="ACFT_OPR"/>
```

```xml
                            <enumeration value="HANDLING_AGENCY"/>
                            <enumeration value="NTL_AUTH"/>
                            <enumeration value="ATS"/>
                            <enumeration value="COMMERCIAL"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeOrganisationDesignatorBaseType">
        <restriction base="aixm:Character1Type">
                <minLength value="1"/>
                <maxLength value="12"/>
                <minLength value="1"/>
        </restriction>
    </simpleType>
    <simpleType name="CodeOrganisationHierarchyBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="MEMBER"/>
                            <enumeration value="OWNED_BY"/>
                            <enumeration value="SUPERVISED_BY"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeOxygenBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="LPOX"/>
                            <enumeration value="HPOX"/>
                            <enumeration value="LHOX"/>
                            <enumeration value="LOX"/>
                            <enumeration value="OXRB"/>
                            <enumeration value="HOXRB"/>
                            <enumeration value="LOXRB"/>
                            <enumeration value="OX"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
```

```xml
					<pattern value="OTHER(:(\w|_){1,58})?"/>
				</restriction>
			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodePARBaseType">
		<union>
			<simpleType>
				<restriction base="string">
					<enumeration value="FPN16"/>
					<enumeration value="FPN62"/>
					<enumeration value="GPN22"/>
					<enumeration value="GPN25"/>
					<enumeration value="MPN14K"/>
					<enumeration value="TPN19"/>
				</restriction>
			</simpleType>
			<simpleType>
				<restriction base="string">
					<pattern value="OTHER(:(\w|_){1,58})?"/>
				</restriction>
			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodePassengerServiceBaseType">
		<union>
			<simpleType>
				<restriction base="string">
					<enumeration value="CUST"/>
					<enumeration value="SAN"/>
					<enumeration value="SECUR"/>
					<enumeration value="VET"/>
					<enumeration value="HOTEL"/>
					<enumeration value="TRANSPORT"/>
					<enumeration value="REST"/>
					<enumeration value="INFO"/>
					<enumeration value="BANK"/>
					<enumeration value="POST"/>
					<enumeration value="MEDIC"/>
				</restriction>
			</simpleType>
			<simpleType>
				<restriction base="string">
					<pattern value="OTHER(:(\w|_){1,58})?"/>
				</restriction>
			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodePCNMethodBaseType">
		<union>
			<simpleType>
				<restriction base="string">
```

```xml
                        <enumeration value="TECH"/>
                        <enumeration value="ACFT"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodePCNPavementBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="RIGID"/>
                                <enumeration value="FLEXIBLE"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodePCNSubgradeBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="A"/>
                                <enumeration value="B"/>
                                <enumeration value="C"/>
                                <enumeration value="D"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodePCNTyrePressureBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="W"/>
                                <enumeration value="X"/>
                                <enumeration value="Y"/>
                                <enumeration value="Z"/>
                        </restriction>
```

```
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodePilotControlledLightingBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="STANDARD_FAA"/>
                                <enumeration value="NON_STANDARD"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodePositionInILSBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="OUTER"/>
                                <enumeration value="MIDDLE"/>
                                <enumeration value="INNER"/>
                                <enumeration value="BACKCOURSE"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodePrimaryRadarBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="ASR"/>
                                <enumeration value="ARSR"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
```

```xml
			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodeProcedureAvailabilityBaseType">
		<union>
			<simpleType>
				<restriction base="string">
					<enumeration value="USABLE"/>
					<enumeration value="UNUSABLE"/>
				</restriction>
			</simpleType>
			<simpleType>
				<restriction base="string">
					<pattern value="OTHER(:(\w|_){1,58})?"/>
				</restriction>
			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodeProcedureCodingStandardBaseType">
		<union>
			<simpleType>
				<restriction base="string">
					<enumeration value="PANS_OPS"/>
					<enumeration value="ARINC_424_15"/>
					<enumeration value="ARINC_424_18"/>
					<enumeration value="ARINC_424_19"/>
				</restriction>
			</simpleType>
			<simpleType>
				<restriction base="string">
					<pattern value="OTHER(:(\w|_){1,58})?"/>
				</restriction>
			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodeProcedureDistanceBaseType">
		<union>
			<simpleType>
				<restriction base="string">
					<enumeration value="HAT"/>
					<enumeration value="OM"/>
					<enumeration value="MM"/>
					<enumeration value="IM"/>
					<enumeration value="PFAF"/>
					<enumeration value="GSANT"/>
					<enumeration value="FAF"/>
					<enumeration value="MAP"/>
					<enumeration value="THLD"/>
					<enumeration value="VDP"/>
					<enumeration value="RECH"/>
				</restriction>
			</simpleType>
```

```xml
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeProcedureFixRoleBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="IAFFAF"/>
                        <enumeration value="IF"/>
                        <enumeration value="IF_IAF"/>
                        <enumeration value="FAF"/>
                        <enumeration value="VDP"/>
                        <enumeration value="SDF"/>
                        <enumeration value="FPAP"/>
                        <enumeration value="FTP"/>
                        <enumeration value="FROP"/>
                        <enumeration value="FTP"/>
                        <enumeration value="IAF"/>
                        <enumeration value="IF"/>
                        <enumeration value="IF_IAF"/>
                        <enumeration value="LTP"/>
                        <enumeration value="MAHF"/>
                        <enumeration value="TP"/>
                        <enumeration value="MAPT"/>
                        <enumeration value="SDF"/>
                        <enumeration value="TP"/>
                        <enumeration value="VDP"/>
                        <enumeration value="MAHF"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeProcedurePhaseBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="RWY"/>
                        <enumeration value="COMMON"/>
                        <enumeration value="EN_ROUTE"/>
                        <enumeration value="APPROACH"/>
                        <enumeration value="FINAL"/>
                        <enumeration value="MISSED"/>
                        <enumeration value="MISSED_P"/>
```

```xml
                        <enumeration value="MISSED_S"/>
                        <enumeration value="ENGINE_OUT"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeProtectAreaSectionBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="EDGE"/>
                        <enumeration value="END"/>
                        <enumeration value="CL"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeRadarServiceBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="PAR"/>
                        <enumeration value="ARSR"/>
                        <enumeration value="ASR"/>
                        <enumeration value="SSR"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeRadioEmissionBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="A2"/>
                        <enumeration value="A3A"/>
                        <enumeration value="A3B"/>
                        <enumeration value="A3E"/>
```

```xml
                <enumeration value="A3H"/>
                <enumeration value="A3J"/>
                <enumeration value="A3L"/>
                <enumeration value="A3U"/>
                <enumeration value="J3E"/>
                <enumeration value="NONA1A"/>
                <enumeration value="NONA2A"/>
                <enumeration value="PON"/>
                <enumeration value="A8W"/>
                <enumeration value="A9W"/>
                <enumeration value="NOX"/>
                <enumeration value="G1D"/>
            </restriction>
        </simpleType>
        <simpleType>
            <restriction base="string">
                <pattern value="OTHER(:(\w|_){1,58})?"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeRadioFrequencyAreaBaseType">
    <union>
        <simpleType>
            <restriction base="string">
                <enumeration value="COV"/>
                <enumeration value="T_COV"/>
                <enumeration value="SCL"/>
                <enumeration value="RHG"/>
                <enumeration value="UNREL"/>
                <enumeration value="RES"/>
                <enumeration value="UUS"/>
                <enumeration value="OUT"/>
                <enumeration value="ESV"/>
            </restriction>
        </simpleType>
        <simpleType>
            <restriction base="string">
                <pattern value="OTHER(:(\w|_){1,58})?"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeRadioSignalBaseType">
    <union>
        <simpleType>
            <restriction base="string">
                <enumeration value="AZIMUTH"/>
                <enumeration value="DISTANCE"/>
                <enumeration value="BEAM"/>
                <enumeration value="VOICE"/>
                <enumeration value="DATALINK"/>
```

```xml
				</restriction>
			</simpleType>
			<simpleType>
				<restriction base="string">
					<pattern value="OTHER(:(\w|_){1,58})?"/>
				</restriction>
			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodeReferencePathIdentifierBaseType">
		<restriction base="aixm:AlphanumericType"/>
	</simpleType>
	<simpleType name="CodeReferenceRoleBaseType">
		<union>
			<simpleType>
				<restriction base="string">
					<enumeration value="INTERSECTION"/>
					<enumeration value="RECNAV"/>
					<enumeration value="ATD"/>
					<enumeration value="RAD_DME"/>
				</restriction>
			</simpleType>
			<simpleType>
				<restriction base="string">
					<pattern value="OTHER(:(\w|_){1,58})?"/>
				</restriction>
			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodeReflectorBaseType">
		<union>
			<simpleType>
				<restriction base="string">
					<enumeration value="TOUCHDOWN"/>
					<enumeration value="RUNWAY_END"/>
					<enumeration value="REFERENCE"/>
				</restriction>
			</simpleType>
			<simpleType>
				<restriction base="string">
					<pattern value="OTHER(:(\w|_){1,58})?"/>
				</restriction>
			</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodeRelativePositionBaseType">
		<union>
			<simpleType>
				<restriction base="string">
					<enumeration value="BEFORE"/>
					<enumeration value="AT"/>
					<enumeration value="AFTER"/>
```

Comment [PE10]: Approved with updated change proposal AIXM-146

```xml
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeRNPBaseType">
            <restriction base="decimal">
                <pattern value="[0-9]{1,2}(\.[0-9]{1}){0,1}"/>
            </restriction>
        </simpleType>
        <simpleType name="CodeRoadBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="SERVICE"/>
                        <enumeration value="PUBLIC"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeRouteAvailabilityBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="OPEN"/>
                        <enumeration value="COND"/>
                        <enumeration value="CLSD"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeRouteBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="ATS"/>
                        <enumeration value="NAT"/>
                    </restriction>
```

```xml
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeRouteDesignatorLetterBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="A"/>
                        <enumeration value="B"/>
                        <enumeration value="G"/>
                        <enumeration value="H"/>
                        <enumeration value="J"/>
                        <enumeration value="L"/>
                        <enumeration value="M"/>
                        <enumeration value="N"/>
                        <enumeration value="P"/>
                        <enumeration value="Q"/>
                        <enumeration value="R"/>
                        <enumeration value="T"/>
                        <enumeration value="V"/>
                        <enumeration value="W"/>
                        <enumeration value="Y"/>
                        <enumeration value="Z"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeRouteDesignatorPrefixBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="K"/>
                        <enumeration value="U"/>
                        <enumeration value="S"/>
                        <enumeration value="T"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
```

```
            </union>
      </simpleType>
      <simpleType name="CodeRouteDesignatorSuffixBaseType">
            <union>
                  <simpleType>
                        <restriction base="string">
                              <enumeration value="F"/>
                              <enumeration value="G"/>
                        </restriction>
                  </simpleType>
                  <simpleType>
                        <restriction base="string">
                              <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                  </simpleType>
            </union>
      </simpleType>
      <simpleType name="CodeRouteIndicatorBaseType">
            <restriction base="aixm:AlphaType"/>
      </simpleType>
      <simpleType name="CodeRouteNavigationBaseType">
            <union>
                  <simpleType>
                        <restriction base="string">
                              <enumeration value="CONV"/>
                              <enumeration value="RNAV"/>
                              <enumeration value="TACAN"/>
                        </restriction>
                  </simpleType>
                  <simpleType>
                        <restriction base="string">
                              <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                  </simpleType>
            </union>
      </simpleType>
      <simpleType name="CodeRouteOriginBaseType">
            <union>
                  <simpleType>
                        <restriction base="string">
                              <enumeration value="INTL"/>
                              <enumeration value="DOM"/>
                              <enumeration value="BOTH"/>
                        </restriction>
                  </simpleType>
                  <simpleType>
                        <restriction base="string">
                              <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                  </simpleType>
            </union>
      </simpleType>
```

```xml
<simpleType name="CodeRouteSegmentPathBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="GRC"/>
				<enumeration value="RHL"/>
				<enumeration value="GDS"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeRuleProcedureBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="RULE"/>
				<enumeration value="LAW"/>
				<enumeration value="PROCEDURE"/>
				<enumeration value="PRACTICE"/>
				<enumeration value="ICAO_DIFF"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeRuleProcedureTitleBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration
value="ENTRY_TRANSIT_DEPARTURE_OF_AIRCRAFT"/>
				<enumeration
value="ENTRY_TRANSIT_DEPARTURE_SCHEDULED"/>
				<enumeration
value="ENTRY_TRANSIT_DEPARTURE_NON_SCHEDULED"/>
				<enumeration
value="ENTRY_TRANSIT_DEPARTURE_PRIVATE"/>
				<enumeration
value="PUBLIC_HEALTH_MEASURES_AIRCRAFT"/>
				<enumeration value="CUSTOMS_REQUIREMENTS"/>
				<enumeration
value="IMMIGRATION_REQUIREMENTS"/>
```

```
                                <enumeration
value="PUBLIC_HEALTH_MEASURES_PASSENGERS"/>
                                <enumeration
value="ENTRY_TRANSIT_DEPARTURE_CARGO"/>
                                <enumeration
value="AIRCRAFT_INSTRUMENTS_EQUIPMENT_FLIGHT_DOCUMENTS"/>
                                <enumeration value="NATIONAL_REGULATIONS"/>
                                <enumeration
value="INTERNATIONAL_AGREEMENTS_CONVENTIONS"/>
                                <enumeration
value="DIFFERENCES_ICAO_STANDARDS_RECOMMENDED_PRACTICES_PROCEDURES"/>
                                <enumeration
value="MEASURING_SYSTEM_AIRCRAFT_MARKINGS_HOLIDAYS"/>
                                <enumeration
value="ABBREVIATIONS_AIS_PUBLICATIONS"/>
                                <enumeration
value="AERODROME_HELIPORT_CHARGES"/>
                                <enumeration
value="AIR_NAVIGATION_SERVICES_CHARGES"/>
                                <enumeration value="FLIGHT_RULES_GENERAL"/>
                                <enumeration value="VISUAL_FLIGHT_RULES"/>
                                <enumeration
value="INSTRUMENT_FLIGHT_RULES"/>
                                <enumeration
value="ATS_AIRSPACE_CLASSIFICATION"/>
        <enumeration value="HOLDING__APPROACH_DEPARTURE_PROCEDURES"/>
                                <enumeration
value="ATS_SURVEILLANCE_SERVICES_PROCEDURES"/>
                                <enumeration
value="ALTIMETER_SETTING_PROCEDURES"/>
                                <enumeration
value="REGIONAL_SUPPLEMENTARY_PROCEDURES"/>
                                <enumeration
value="AIR_TRAFFIC_FLOW_MANAGEMENT"/>
                                <enumeration value="FLIGHT_PLANNING"/>
                                <enumeration
value="ADDRESSING_FLIGHT_PLAN_MESSAGES"/>
                                <enumeration
value="INTERCEPTION_CIVIL_AIRCRAFT"/>
                                <enumeration
value="UNLAWFUL_INTERFERENCE"/>
                                <enumeration
value="AIR_TRAFFIC_INCIDENTS"/>
                                <enumeration
value="AERODROME_HELIPORT_AVAILABILITY"/>
                                <enumeration
value="LOCAL_TRAFFIC_REGULATIONS"/>
                                <enumeration
value="NOISE_ABATEMENT_PROCEDURES"/>
                                <enumeration
value="AERODROME_FLIGHT_PROCEDURES"/>
```

```xml
                        <enumeration
value="AERODROME_BIRD_CONCENTRATION"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeRunwayBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="RWY"/>
                        <enumeration value="FATO"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeRunwayElementBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="NORMAL"/>
                        <enumeration value="INTERSECTION"/>
                        <enumeration value="DISPLACED"/>
                        <enumeration value="SHOULDER"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeRunwayMarkingBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="PRECISION"/>
                        <enumeration value="NONPRECISION"/>
                        <enumeration value="BASIC"/>
                        <enumeration value="NONE"/>
                        <enumeration value="RUNWAY_NUMBERS"/>
```

```xml
                                <enumeration value="NON_STANDARD"/>
                                <enumeration value="HELIPORT"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeRunwayPointRoleBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="START"/>
                                <enumeration value="THR"/>
                                <enumeration value="DISTHR"/>
                                <enumeration value="TDZ"/>
                                <enumeration value="MID"/>
                                <enumeration value="END"/>
                                <enumeration value="START_RUN"/>
                                <enumeration value="LAHSO"/>
                                <enumeration value="ABEAM_GLIDESLOPE"/>
                                <enumeration value="ABEAM_PAR"/>
                                <enumeration value="ABEAM_ELEVATION"/>
                                <enumeration value="ABEAM_TDR"/>
                                <enumeration value="ABEAM_RER"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeRunwayProtectionAreaBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="CWY"/>
                                <enumeration value="RESA"/>
                                <enumeration value="OFZ"/>
                                <enumeration value="IOFZ"/>
                                <enumeration value="POFZ"/>
                                <enumeration value="ILS"/>
                                <enumeration value="VGSI"/>
                                <enumeration value="STOPWAY"/>
                        </restriction>
                </simpleType>
                <simpleType>
```

```xml
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeRunwaySectionBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="TDZ"/>
                            <enumeration value="AIM"/>
                            <enumeration value="CL"/>
                            <enumeration value="EDGE"/>
                            <enumeration value="THR"/>
                            <enumeration value="DESIG"/>
                            <enumeration value="AFT_THR"/>
                            <enumeration value="DTHR"/>
                            <enumeration value="END"/>
                            <enumeration value="TWY_INT"/>
                            <enumeration value="RPD_TWY_INT"/>
                            <enumeration value="1_THIRD"/>
                            <enumeration value="2_THIRD"/>
                            <enumeration value="3_THIRD"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeRVRReadingBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="TDZ"/>
                            <enumeration value="MID"/>
                            <enumeration value="TO"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeRVSMBaseType">
        <union>
            <simpleType>
```

```xml
                    <restriction base="string">
                        <enumeration value="RVSM"/>
                        <enumeration value="NON_RVSM"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeRVSMPointRoleBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                        <enumeration value="IN"/>
                        <enumeration value="OUT"/>
                        <enumeration value="IN_OUT"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeSafeAltitudeBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                        <enumeration value="MSA"/>
                        <enumeration value="ESA"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeSegmentPathBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                        <enumeration value="AF"/>
                        <enumeration value="HF"/>
                        <enumeration value="HA"/>
                        <enumeration value="HM"/>
                        <enumeration value="IF"/>
```

```xml
                            <enumeration value="PI"/>
                            <enumeration value="PT"/>
                            <enumeration value="TF"/>
                            <enumeration value="CA"/>
                            <enumeration value="CD"/>
                            <enumeration value="CI"/>
                            <enumeration value="CR"/>
                            <enumeration value="CF"/>
                            <enumeration value="DF"/>
                            <enumeration value="FA"/>
                            <enumeration value="FC"/>
                            <enumeration value="FT"/>
                            <enumeration value="FM"/>
                            <enumeration value="VM"/>
                            <enumeration value="FD"/>
                            <enumeration value="VR"/>
                            <enumeration value="VD"/>
                            <enumeration value="VI"/>
                            <enumeration value="VA"/>
                            <enumeration value="RF"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeSegmentTerminationBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="ALTITUDE"/>
                            <enumeration value="DISTANCE"/>
                            <enumeration value="DURATION"/>
                            <enumeration value="INTERCEPT"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeServiceATCBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="ACS"/>
                            <enumeration value="UAC"/>
```

```xml
                                <enumeration value="OACS"/>
                                <enumeration value="APP"/>
                                <enumeration value="TWR"/>
                                <enumeration value="ADVS"/>
                                <enumeration value="EFAS"/>
                                <enumeration value="CTAF"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeServiceATFMBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="FPL"/>
                                <enumeration value="FPLV"/>
                                <enumeration value="ATFM"/>
                                <enumeration value="CLEARANCE"/>
                                <enumeration value="SCHED"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeServiceGroundControlBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="TWR"/>
                                <enumeration value="SMGCS"/>
                                <enumeration value="TAXI"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeServiceInformationBaseType">
        <union>
                <simpleType>
```

```xml
            <restriction base="string">
                    <enumeration value="AFIS"/>
                    <enumeration value="AIS"/>
                    <enumeration value="ATIS"/>
                    <enumeration value="BRIEFING"/>
                    <enumeration value="FIS"/>
                    <enumeration value="OFIS_VHF"/>
                    <enumeration value="OFIS_HF"/>
                    <enumeration value="NOTAM"/>
                    <enumeration value="INFO"/>
                    <enumeration value="RAF"/>
                    <enumeration value="METAR"/>
                    <enumeration value="SIGMET"/>
                    <enumeration value="TWEB"/>
                    <enumeration value="TAF"/>
                    <enumeration value="VOLMET"/>
                    <enumeration value="ALTIMETER"/>
                    <enumeration value="ASOS"/>
                    <enumeration value="AWOS"/>
            </restriction>
        </simpleType>
        <simpleType>
            <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeServiceSARBaseType">
    <union>
        <simpleType>
            <restriction base="string">
                    <enumeration value="ALRS"/>
                    <enumeration value="SAR"/>
                    <enumeration value="RCC"/>
            </restriction>
        </simpleType>
        <simpleType>
            <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeSideBaseType">
    <union>
        <simpleType>
            <restriction base="string">
                    <enumeration value="LEFT"/>
                    <enumeration value="RIGHT"/>
                    <enumeration value="BOTH"/>
            </restriction>
```

```xml
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeSignalPerformanceILSBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="I"/>
                                <enumeration value="II"/>
                                <enumeration value="III"/>
                                <enumeration value="IIIA"/>
                                <enumeration value="IIIB"/>
                                <enumeration value="IIIC"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeSpecialDateBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="HOL"/>
                                <enumeration value="BUSY_FRI"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeSpecialNavigationChainDesignatorBaseType">
        <restriction base="aixm:AlphanumericType">
                <maxLength value="4"/>
                <minLength value="1"/>
                <maxLength value="4"/>
        </restriction>
</simpleType>
<simpleType name="CodeSpecialNavigationStationBaseType">
        <union>
                <simpleType>
```

Comment [PE13]: Approved with change proposal AIXM-147

```xml
                <restriction base="string">
                        <enumeration value="MASTER"/>
                        <enumeration value="SLAVE"/>
                        <enumeration value="RED_SLAVE"/>
                        <enumeration value="GREEN_SLAVE"/>
                        <enumeration value="PURPLE_SLAVE"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeSpecialNavigationSystemBaseType">
    <union>
        <simpleType>
                <restriction base="string">
                        <enumeration value="LORANA"/>
                        <enumeration value="LORANC"/>
                        <enumeration value="LORAND"/>
                        <enumeration value="DECCA"/>
                        <enumeration value="GNSS"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeSpeedReferenceBaseType">
    <union>
        <simpleType>
                <restriction base="string">
                        <enumeration value="IAS"/>
                        <enumeration value="TAS"/>
                        <enumeration value="GS"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeStandbyPowerBaseType">
    <union>
        <simpleType>
```

```
                        <restriction base="string">
                                <enumeration value="BATTERY"/>
                                <enumeration value="COMMERCIAL"/>
                                <enumeration value="GENERATOR"/>
                                <enumeration value="UNKNOWN"/>
                                <enumeration value="NONE"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeStatusAirportBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="NORMAL"/>
                                <enumeration value="LIMITED"/>
                                <enumeration value="CLOSED"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeStatusAirspaceBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="AVBL_FOR_ACTIVATION"/>
                                <enumeration value="ACTIVE"/>
                                <enumeration value="IN_USE"/>
                                <enumeration value="INACTIVE"/>
                                <enumeration value="INTERMITTENT"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeStatusConstructionBaseType">
        <union>
                <simpleType>
```

```xml
                <restriction base="string">
                        <enumeration value="IN_CONSTRUCTION"/>
                        <enumeration value="COMPLETED"/>
                        <enumeration value="DEMOLITION_PLANNED"/>
                        <enumeration value="IN_DEMOLITION"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeStatusNavaidBaseType">
    <union>
        <simpleType>
                <restriction base="string">
                        <enumeration value="OPERATIONAL"/>
                        <enumeration value="UNSERVICEABLE"/>
                        <enumeration value="ONTEST"/>
                        <enumeration value="INTERRUPT"/>
                        <enumeration value="PARTIAL"/>
                        <enumeration value="CONDITIONAL"/>
                        <enumeration value="FALSE_INDICATION"/>
                        <enumeration value="FALSE_POSSIBLE"/>
                        <enumeration value="DISPLACED"/>
                        <enumeration value="IN_CONSTRUCTION"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeStatusOperationsBaseType">
    <union>
        <simpleType>
                <restriction base="string">
                        <enumeration value="NORMAL"/>
                        <enumeration value="DOWNGRADED"/>
                        <enumeration value="UNSERVICEABLE"/>
                        <enumeration value="WORK_IN_PROGRESS"/>
                </restriction>
        </simpleType>
        <simpleType>
                <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
        </simpleType>
```

```
            </union>
    </simpleType>
    <simpleType name="CodeStatusServiceBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="NORMAL"/>
                    <enumeration value="LIMITED"/>
                    <enumeration value="ONTEST"/>
                    <enumeration value="UNSERVICEABLE"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeSurfaceCompositionBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="ASPH"/>
                    <enumeration value="ASPH_GRASS"/>
                    <enumeration value="CONC"/>
                    <enumeration value="CONC_ASPH"/>
                    <enumeration value="CONC_GRS"/>
                    <enumeration value="GRASS"/>
                    <enumeration value="SAND"/>
                    <enumeration value="WATER"/>
                    <enumeration value="BITUM"/>
                    <enumeration value="BRICK"/>
                    <enumeration value="MACADAM"/>
                    <enumeration value="STONE"/>
                    <enumeration value="CORAL"/>
                    <enumeration value="CLAY"/>
                    <enumeration value="LATERITE"/>
                    <enumeration value="GRAVEL"/>
                    <enumeration value="EARTH"/>
                    <enumeration value="ICE"/>
                    <enumeration value="SNOW"/>
                    <enumeration value="MEMBRANE"/>
                    <enumeration value="METAL"/>
                    <enumeration value="MATS"/>
                    <enumeration value="PIERCED_STEEL"/>
                    <enumeration value="WOOD"/>
                    <enumeration value="NON_BITUM_MIX"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
```

```xml
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                    </simpleType>
                </union>
        </simpleType>
        <simpleType name="CodeSurfaceConditionBaseType">
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                        <simpleType>
                                <restriction base="string">
                                        <enumeration value="GOOD"/>
                                        <enumeration value="FAIR"/>
                                        <enumeration value="POOR"/>
                                        <enumeration value="UNSAFE"/>
                                        <enumeration value="DEFORMED"/>
                                </restriction>
                        </simpleType>
                        <simpleType>
                                <restriction base="string">
                                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                                </restriction>
                        </simpleType>
                </union>
        </simpleType>
        <simpleType name="CodeSurfacePreparationBaseType">
                <union>
                        <simpleType>
                                <restriction base="string">
                                        <enumeration value="NATURAL"/>
                                        <enumeration value="ROLLED"/>
                                        <enumeration value="COMPACTED"/>
                                        <enumeration value="GRADED"/>
                                        <enumeration value="GROOVED"/>
                                        <enumeration value="OILED"/>
                                        <enumeration value="PAVED"/>
                                        <enumeration value="PFC"/>
                                        <enumeration value="AFSC"/>
                                        <enumeration value="RFSC"/>
                                        <enumeration value="NON_GROOVED"/>
                                </restriction>
                        </simpleType>
                        <simpleType>
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        </simpleType>
        <simpleType name="CodeSystemActivationBaseType">
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                                        <enumeration value="ON"/>
```

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                                <enumeration value="ON_OR_OFF"/>
                                <enumeration value="OFF"/>
                        </restriction>
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                                <pattern value="OTHER(:(\w|_){1,58})?"/>
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<simpleType name="CodeTAABaseType">
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                                <enumeration value="LEFT_BASE"/>
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                                <enumeration value="STRAIGHT_IN"/>
                        </restriction>
                </simpleType>
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</simpleType>
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                                <enumeration value="10X"/>
                                <enumeration value="10Y"/>
                                <enumeration value="11X"/>
```

```
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<enumeration value="28X"/>
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```

```
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<enumeration value="43Y"/>
```

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```
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```xml
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                        <enumeration value="125X"/>
                        <enumeration value="125Y"/>
                        <enumeration value="126X"/>
                        <enumeration value="126Y"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeTaxiwayBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="AIR"/>
                        <enumeration value="GND"/>
                        <enumeration value="EXIT"/>
                        <enumeration value="FASTEXIT"/>
                        <enumeration value="STUB"/>
                        <enumeration value="TURN_AROUND"/>
                        <enumeration value="PARALLEL"/>
                        <enumeration value="BYPASS"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeTaxiwayElementBaseType">
            <union>
                <simpleType>
```

```xml
            <restriction base="string">
                    <enumeration value="NORMAL"/>
                    <enumeration value="INTERSECTION"/>
                    <enumeration value="SHOULDER"/>
                    <enumeration value="HOLDING_BAY"/>
            </restriction>
        </simpleType>
        <simpleType>
            <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeTaxiwaySectionBaseType">
    <union>
        <simpleType>
            <restriction base="string">
                    <enumeration value="CL"/>
                    <enumeration value="EDGE"/>
                    <enumeration value="END"/>
                    <enumeration value="RWY_INT"/>
                    <enumeration value="TWY_INT"/>
            </restriction>
        </simpleType>
        <simpleType>
            <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeTelecomNetworkBaseType">
    <union>
        <simpleType>
            <restriction base="string">
                    <enumeration value="AFTN"/>
                    <enumeration value="AMHS"/>
                    <enumeration value="INTERNET"/>
                    <enumeration value="SITA"/>
                    <enumeration value="ACARS"/>
                    <enumeration value="ADNS"/>
            </restriction>
        </simpleType>
        <simpleType>
            <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeTimeEventBaseType">
```

```xml
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        <restriction base="string">
            <enumeration value="SR"/>
            <enumeration value="SS"/>
        </restriction>
    </simpleType>
    <simpleType>
        <restriction base="string">
            <pattern value="OTHER(:(\w|_){1,58})?"/>
        </restriction>
    </simpleType>
</union>
</simpleType>
<simpleType name="CodeTimeEventCombinationBaseType">
    <union>
        <simpleType>
            <restriction base="string">
                <enumeration value="EARLIEST"/>
                <enumeration value="LATEST"/>
            </restriction>
        </simpleType>
        <simpleType>
            <restriction base="string">
                <pattern value="OTHER(:(\w|_){1,58})?"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeTimeReferenceBaseType">
    <union>
        <simpleType>
            <restriction base="string">
                <enumeration value="UTC"/>
                <enumeration value="UTC-12"/>
                <enumeration value="UTC-11"/>
                <enumeration value="UTC-10"/>
                <enumeration value="UTC-9"/>
                <enumeration value="UTC-8"/>
                <enumeration value="UTC-7"/>
                <enumeration value="UTC-6"/>
                <enumeration value="UTC-5"/>
                <enumeration value="UTC-4"/>
                <enumeration value="UTC-3"/>
                <enumeration value="UTC-2"/>
                <enumeration value="UTC-1"/>
                <enumeration value="UTC+1"/>
                <enumeration value="UTC+2"/>
                <enumeration value="UTC+3"/>
                <enumeration value="UTC+4"/>
                <enumeration value="UTC+5"/>
                <enumeration value="UTC+6"/>
```

```xml
				<enumeration value="UTC+7"/>
				<enumeration value="UTC+8"/>
				<enumeration value="UTC+9"/>
				<enumeration value="UTC+10"/>
				<enumeration value="UTC+11"/>
				<enumeration value="UTC+12"/>
				<enumeration value="UTC+13"/>
				<enumeration value="UTC+14"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeTLOFSectionBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="AIM"/>
				<enumeration value="EDGE"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeTrajectoryBaseType">
	<union>
		<simpleType>
			<restriction base="string">
				<enumeration value="STRAIGHT"/>
				<enumeration value="ARC"/>
				<enumeration value="PT"/>
				<enumeration value="BASETURN"/>
				<enumeration value="HOLDING"/>
			</restriction>
		</simpleType>
		<simpleType>
			<restriction base="string">
				<pattern value="OTHER(:(\w|_){1,58})?"/>
			</restriction>
		</simpleType>
	</union>
</simpleType>
<simpleType name="CodeTransponderBaseType">
	<union>
```

```xml
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					<restriction base="string">
						<enumeration value="MODE_1"/>
						<enumeration value="MODE_2"/>
						<enumeration value="MODE_3A"/>
						<enumeration value="MODE_4"/>
						<enumeration value="MODE_5"/>
						<enumeration value="MODE_C"/>
						<enumeration value="MODE_S"/>
					</restriction>
				</simpleType>
				<simpleType>
					<restriction base="string">
						<pattern value="OTHER(:(\w|_){1,58})?"/>
					</restriction>
				</simpleType>
			</union>
		</simpleType>
		<simpleType name="CodeUnitBaseType">
			<union>
				<simpleType>
					<restriction base="string">
						<enumeration value="ACC"/>
						<enumeration value="ADSU"/>
						<enumeration value="ADVC"/>
						<enumeration value="ALPS"/>
						<enumeration value="AOF"/>
						<enumeration value="APP"/>
						<enumeration value="APP_ARR"/>
						<enumeration value="APP_DEP"/>
						<enumeration value="ARO"/>
						<enumeration value="ATCC"/>
						<enumeration value="ATFMU"/>
						<enumeration value="ATMU"/>
						<enumeration value="ATSU"/>
						<enumeration value="BOF"/>
						<enumeration value="BS"/>
						<enumeration value="COM"/>
						<enumeration value="FCST"/>
						<enumeration value="FIC"/>
						<enumeration value="GCA"/>
						<enumeration value="MET"/>
						<enumeration value="MWO"/>
						<enumeration value="NOF"/>
						<enumeration value="OAC"/>
						<enumeration value="PAR"/>
						<enumeration value="RAD"/>
						<enumeration value="RAFC"/>
						<enumeration value="RCC"/>
						<enumeration value="RSC"/>
						<enumeration value="SAR"/>
						<enumeration value="SMC"/>
```

```xml
                            <enumeration value="SMR"/>
                            <enumeration value="SRA"/>
                            <enumeration value="SSR"/>
                            <enumeration value="TAR"/>
                            <enumeration value="TWR"/>
                            <enumeration value="UAC"/>
                            <enumeration value="UDF"/>
                            <enumeration value="UIC"/>
                            <enumeration value="VDF"/>
                            <enumeration value="WAFC"/>
                            <enumeration value="ARTCC"/>
                            <enumeration value="FSS"/>
                            <enumeration value="TRACON"/>
                            <enumeration value="MIL"/>
                            <enumeration value="MILOPS"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeUnitDependencyBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                            <enumeration value="OWNER"/>
                            <enumeration value="PROVIDER"/>
                            <enumeration value="ALTERNATE"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeUpperAlphaBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                            <enumeration value="A"/>
                            <enumeration value="B"/>
                            <enumeration value="C"/>
                            <enumeration value="D"/>
                            <enumeration value="E"/>
                            <enumeration value="F"/>
                            <enumeration value="G"/>
                            <enumeration value="H"/>
```

```xml
                        <enumeration value="I"/>
                        <enumeration value="J"/>
                        <enumeration value="K"/>
                        <enumeration value="L"/>
                        <enumeration value="M"/>
                        <enumeration value="N"/>
                        <enumeration value="O"/>
                        <enumeration value="P"/>
                        <enumeration value="Q"/>
                        <enumeration value="R"/>
                        <enumeration value="S"/>
                        <enumeration value="T"/>
                        <enumeration value="U"/>
                        <enumeration value="V"/>
                        <enumeration value="W"/>
                        <enumeration value="X"/>
                        <enumeration value="Y"/>
                        <enumeration value="Z"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
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                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeUsageLimitationBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="PERMIT"/>
                        <enumeration value="CONDITIONAL"/>
                        <enumeration value="FORBID"/>
                        <enumeration value="RESERV"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeUUIDBaseType">
            <restriction base="string">
                <pattern value="([A-F]|[a-f]|\d|\-)*"/>
            </restriction>
        </simpleType>
        <simpleType name="CodeValueInterpretationBaseType">
            <union>
                <simpleType>
```

```xml
                <restriction base="string">
                    <enumeration value="ABOVE"/>
                    <enumeration value="AT_OR_ABOVE"/>
                    <enumeration value="AT_OR_BELOW"/>
                    <enumeration value="BELOW"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeVASISBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="PAPI"/>
                    <enumeration value="APAPI"/>
                    <enumeration value="HAPI"/>
                    <enumeration value="VASIS"/>
                    <enumeration value="AVASIS"/>
                    <enumeration value="TVASIS"/>
                    <enumeration value="ATVASIS"/>
                    <enumeration value="3B_VASIS"/>
                    <enumeration value="3B_AVASIS"/>
                    <enumeration value="3B_ATVASIS"/>
                    <enumeration value="PVASI"/>
                    <enumeration value="TRCV"/>
                    <enumeration value="PNI"/>
                    <enumeration value="ILU"/>
                    <enumeration value="OLS"/>
                    <enumeration value="LCVASI"/>
                </restriction>
            </simpleType>
            <simpleType>
                <restriction base="string">
                    <pattern value="OTHER(:(\w|_){1,58})?"/>
                </restriction>
            </simpleType>
        </union>
    </simpleType>
    <simpleType name="CodeVerticalDatumBaseType">
        <union>
            <simpleType>
                <restriction base="string">
                    <enumeration value="EGM_96"/>
                    <enumeration value="AHD"/>
                    <enumeration value="NAVD88"/>
                </restriction>
            </simpleType>
```

```xml
				<simpleType>
					<restriction base="string">
						<pattern value="OTHER(:(\w|_){1,58})?"/>
					</restriction>
				</simpleType>
			</union>
	</simpleType>
	<simpleType name="CodeVerticalReferenceBaseType">
		<union>
				<simpleType>
					<restriction base="string">
						<enumeration value="SFC"/>
						<enumeration value="MSL"/>
						<enumeration value="W84"/>
						<enumeration value="STD"/>
					</restriction>
				</simpleType>
				<simpleType>
					<restriction base="string">
						<pattern value="OTHER(:(\w|_){1,58})?"/>
					</restriction>
				</simpleType>
		</union>
	</simpleType>
	<simpleType name="CodeVerticalStructureBaseType">
		<union>
				<simpleType>
					<restriction base="string">
						<enumeration value="AG_EQUIP"/>
						<enumeration value="ANTENNA"/>
						<enumeration value="ARCH"/>
						<enumeration value="BRIDGE"/>
						<enumeration value="BUILDING"/>
						<enumeration value="CABLE_CAR"/>
						<enumeration value="CATENARY"/>
						<enumeration value="COMPRESSED_AIR_SYSTEM"/>
						<enumeration value="CONTROL_MONITORING_SYSTEM"/>
						<enumeration value="CONTROL_TOWER"/>
						<enumeration value="COOLING_TOWER"/>
						<enumeration value="CRANE"/>
						<enumeration value="DAM"/>
						<enumeration value="DOME"/>
						<enumeration value="ELECTRICAL_EXIT_LIGHT"/>
						<enumeration value="ELECTRICAL_SYSTEM"/>
						<enumeration value="ELEVATOR"/>
						<enumeration value="FENCE"/>
						<enumeration value="FUEL_SYSTEM"/>
						<enumeration value="GATE"/>
						<enumeration value="GENERAL_UTILITY"/>
```

```xml
                            <enumeration value="GRAIN_ELEVATOR"/>
                            <enumeration value="HEAT_COOL_SYSTEM"/>
                            <enumeration value="INDUSTRIAL_SYSTEM"/>
                            <enumeration value="LIGHTHOUSE"/>
                            <enumeration value="MONUMENT"/>
                            <enumeration value="NATURAL_GAS_SYSTEM"/>
                            <enumeration value="NATURAL_HIGHPOINT"/>
                            <enumeration value="NAVAID"/>
                            <enumeration value="NUCLEAR_REACTOR"/>
                            <enumeration value="POLE"/>
                            <enumeration value="POWER_PLANT"/>
                            <enumeration value="REFINERY"/>
                            <enumeration value="RIG"/>
                            <enumeration value="SALTWATER_SYSTEM"/>
                            <enumeration value="SIGN"/>
                            <enumeration value="SPIRE"/>
                            <enumeration value="STACK"/>
                            <enumeration value="STADIUM"/>
                            <enumeration value="STORM_SYSTEM"/>
                            <enumeration value="TANK"/>
                            <enumeration value="TETHERED_BALLOON"/>
                            <enumeration value="TOWER"/>
                            <enumeration value="TRAMWAY"/>
                            <enumeration value="TRANSMISSION_LINE"/>
                            <enumeration value="TREE"/>
                            <enumeration value="URBAN"/>
                            <enumeration value="VEGETATION"/>
                            <enumeration value="WALL"/>
                            <enumeration value="WASTEWATER_SYSTEM"/>
                            <enumeration value="WATER_SYSTEM"/>
                            <enumeration value="WATER_TOWER"/>
                            <enumeration value="WINDMILL"/>
                            <enumeration value="WINDMILL_FARMS"/>
                    </restriction>
            </simpleType>
            <simpleType>
                    <restriction base="string">
                            <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
            </simpleType>
        </union>
</simpleType>
<simpleType name="CodeVerticalStructureMarkingBaseType">
        <union>
            <simpleType>
                    <restriction base="string">
                            <enumeration value="MONOCOLOUR"/>
                            <enumeration value="CHEQUERED"/>
                            <enumeration value="HBANDS"/>
                            <enumeration value="VBANDS"/>
                            <enumeration value="FLAG"/>
                            <enumeration value="MARKERS"/>
```

```
                              </restriction>
                      </simpleType>
                      <simpleType>
                              <restriction base="string">
                                      <pattern value="OTHER(:(\w|_){1,58})?"/>
                              </restriction>
                      </simpleType>
              </union>
      </simpleType>
      <simpleType name="CodeVerticalStructureMaterialBaseType">
              <union>
                      <simpleType>
                              <restriction base="string">
                                      <enumeration value="ADOBE_BRICK"/>
                                      <enumeration value="ALUMINIUM"/>
                                      <enumeration value="BRICK"/>
                                      <enumeration value="CONCRETE"/>
                                      <enumeration value="FIBREGLASS"/>
                                      <enumeration value="GLASS"/>
                                      <enumeration value="IRON"/>
                                      <enumeration value="MASONRY"/>
                                      <enumeration value="METAL"/>
                                      <enumeration value="MUD"/>
                                      <enumeration value="PLANT"/>
                                      <enumeration value="PRESTRESSED_CONCRETE"/>
                                      <enumeration value="REINFORCED_CONCRETE"/>
                                      <enumeration value="SOD"/>
                                      <enumeration value="STEEL"/>
                                      <enumeration value="STONE"/>
                                      <enumeration value="TREATED_TIMBER"/>
                                      <enumeration value="WOOD"/>
                              </restriction>
                      </simpleType>
                      <simpleType>
                              <restriction base="string">
                                      <pattern value="OTHER(:(\w|_){1,58})?"/>
                              </restriction>
                      </simpleType>
              </union>
      </simpleType>
      <simpleType name="CodeVisualDockingGuidanceBaseType">
              <union>
                      <simpleType>
                              <restriction base="string">
                                      <enumeration value="AGNIS "/>
                                      <enumeration value="PAPA"/>
                                      <enumeration value="SAFE_GATE"/>
                                      <enumeration value="SAFE_DOC"/>
                                      <enumeration value="APIS"/>
                                      <enumeration value="A_VDGS"/>
                                      <enumeration value="AGNIS_STOP "/>
                                      <enumeration value="AGNIS_PAPA"/>
```

```xml
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeVORBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="VOR"/>
                        <enumeration value="DVOR"/>
                        <enumeration value="VOT"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeWakeTurbulenceBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="LOW"/>
                        <enumeration value="MEDIUM"/>
                        <enumeration value="HIGH"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="CodeWorkAreaBaseType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="CONSTRUCTION"/>
                        <enumeration value="SURFACEWORK"/>
                        <enumeration value="PARKED"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
```

```xml
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="CodeYesNoBaseType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="YES"/>
                                <enumeration value="NO"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="DateBaseType">
        <restriction base="date"/>
</simpleType>
<simpleType name="DateMonthDayBaseType">
        <restriction base="string">
                <pattern value="(((0[1-9])|(1[0-9])|(2[0-9]))\-((0[1-
9])|10|11|12))|(30\-(01|03|04|05|06|07|08|09|10|11|12))|(31\-
(01|03|05|07|08|10|12))|SDLST|EDLST"/>
        </restriction>
</simpleType>
<simpleType name="DateTimeBaseType">
        <restriction base="dateTime"/>
</simpleType>
<simpleType name="DateYearBaseType">
        <restriction base="string">
                <pattern value="[1-9][0-9][0-9][0-9]"/>
        </restriction>
</simpleType>
<simpleType name="NoNumberBaseType">
        <restriction base="unsignedInt"/>
</simpleType>
<simpleType name="NoSequenceBaseType">
        <restriction base="unsignedInt"/>
</simpleType>
<simpleType name="TextAddressBaseType">
        <restriction base="aixm:Character2Type">
                <minLength value="1"/>
                <maxLength value="500"/>
                <minLength value="1"/>
        </restriction>
</simpleType>
<simpleType name="TextDesignatorBaseType">
```

```
            <restriction base="aixm:Character3Type">
                <minLength value="1"/>
                <maxLength value="16"/>
                <minLength value="1"/>
            </restriction>
    </simpleType>
    <simpleType name="TextInstructionBaseType">
            <restriction base="aixm:Character2Type">
                <minLength value="1"/>
                <maxLength value="10000"/>
                <minLength value="1"/>
            </restriction>
    </simpleType>
    <simpleType name="TextNameBaseType">
            <restriction base="aixm:Character3Type">
                <minLength value="1"/>
                <maxLength value="60"/>
                <minLength value="1"/>
            </restriction>
    </simpleType>
    <simpleType name="TextNoteBaseType">
            <restriction base="aixm:Character2Type">
                <minLength value="1"/>
                <maxLength value="10000"/>
                <minLength value="1"/>
            </restriction>
    </simpleType>
    <simpleType name="TextPhoneBaseType">
            <restriction base="string">
                <whiteSpace value="preserve"/>
                <pattern value="(\+)?[0-9\s\-\(\)]+"/>
            </restriction>
    </simpleType>
    <simpleType name="TextPropertyNameBaseType">
            <restriction base="token">
                <minLength value="1"/>
                <maxLength value="60"/>
                <minLength value="1"/>
                <pattern value="[a-z][A-Za-z]*"/>\-_]*"/>
            </restriction>
    </simpleType>
    <simpleType name="TextRemarkBaseType">
            <restriction base="aixm:Character2Type">
                <minLength value="1"/>
                <maxLength value="5000"/>
                <minLength value="1"/>
            </restriction>
    </simpleType>
    <simpleType name="TextSIDSTARDesignatorBaseType">
            <restriction base="aixm:Character1Type">
                <maxLength value="7"/>
                <minLength value="1"/>
```

Comment [PE17]: Approved with change proposal AIXM-164

```xml
                        <maxLength value="7"/>
                </restriction>
        </simpleType>
        <simpleType name="TimeBaseType">
                <restriction base="string">
                        <pattern value="(([0-1][0-9]|2[0-3]):[0-5][0-
9])|(24:00)"/>
                </restriction>
        </simpleType>
        <simpleType name="UomDepthType">
                <union>
                        <simpleType>
                                <restriction base="string">
                                        <enumeration value="MM"/>
                                        <enumeration value="CM"/>
                                        <enumeration value="IN"/>
                                        <enumeration value="FT"/>
                                </restriction>
                        </simpleType>
                        <simpleType>
                                <restriction base="string">
                                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                                </restriction>
                        </simpleType>
                </union>
        </simpleType>
        <simpleType name="UomDistanceType">
                <union>
                        <simpleType>
                                <restriction base="string">
                                        <enumeration value="NM"/>
                                        <enumeration value="KM"/>
                                        <enumeration value="M"/>
                                        <enumeration value="FT"/>
                                        <enumeration value="MI"/>
                                        <enumeration value="CM"/>
                                </restriction>
                        </simpleType>
                        <simpleType>
                                <restriction base="string">
                                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                                </restriction>
                        </simpleType>
                </union>
        </simpleType>
        <simpleType name="UomDistanceVerticalType">
                <union>
                        <simpleType>
                                <restriction base="string">
                                        <enumeration value="FT"/>
                                        <enumeration value="M"/>
                                        <enumeration value="FL"/>
```

```xml
                        <enumeration value="SM"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="UomDurationType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="HR"/>
                        <enumeration value="MIN"/>
                        <enumeration value="SEC"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="UomFLType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="FL"/>
                        <enumeration value="SM"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="UomFrequencyType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="HZ"/>
                        <enumeration value="KHZ"/>
                        <enumeration value="MHZ"/>
                        <enumeration value="GHZ"/>
                    </restriction>
                </simpleType>
                <simpleType>
```

```xml
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="UomLightIntensityType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="CD"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="UomPressureType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="PA"/>
                                <enumeration value="MPA"/>
                                <enumeration value="PSI"/>
                                <enumeration value="BAR"/>
                                <enumeration value="TORR"/>
                                <enumeration value="ATM"/>
                                <enumeration value="HPA"/>
                        </restriction>
                </simpleType>
                <simpleType>
                        <restriction base="string">
                                <pattern value="OTHER(:(\w|_){1,58})?"/>
                        </restriction>
                </simpleType>
        </union>
</simpleType>
<simpleType name="UomSpeedType">
        <union>
                <simpleType>
                        <restriction base="string">
                                <enumeration value="KM_H"/>
                                <enumeration value="KT"/>
                                <enumeration value="MACH"/>
                                <enumeration value="M_MIN"/>
                                <enumeration value="FT_MIN"/>
                                <enumeration value="M_SEC"/>
                                <enumeration value="FT_SEC"/>
                                <enumeration value="MPH"/>
```

```xml
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="UomTemperatureType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="C"/>
                        <enumeration value="F"/>
                        <enumeration value="K"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="UomWeightType">
            <union>
                <simpleType>
                    <restriction base="string">
                        <enumeration value="KG"/>
                        <enumeration value="T"/>
                        <enumeration value="LB"/>
                        <enumeration value="TON"/>
                    </restriction>
                </simpleType>
                <simpleType>
                    <restriction base="string">
                        <pattern value="OTHER(:(\w|_){1,58})?"/>
                    </restriction>
                </simpleType>
            </union>
        </simpleType>
        <simpleType name="ValAlarmLimitBaseType">
            <restriction base="decimal">
                <minInclusive value="0"/>
                <maxInclusive value="50.8"/>
                <minInclusive value="0"/>
            </restriction>
        </simpleType>
        <simpleType name="ValAngleBaseType">
            <restriction base="decimal">
                <maxInclusive value="180"/>
```

```xml
            <minInclusive value="-180"/>
            <maxInclusive value="180"/>
        </restriction>
    </simpleType>
    <simpleType name="ValBearingBaseType">
        <restriction base="decimal">
            <maxInclusive value="360"/>
            <minInclusive value="000"/>
            <maxInclusive value="360"/>
        </restriction>
    </simpleType>
    <simpleType name="ValChannelNumberBaseType">
        <restriction base="decimal"/>
    </simpleType>
    <simpleType name="ValDepthBaseType">
        <restriction base="decimal"/>
    </simpleType>
    <simpleType name="ValDistanceBaseType">
        <restriction base="decimal">
            <minInclusive value="0"/>
        </restriction>
    </simpleType>
    <simpleType name="ValDistanceSignedBaseType">
        <restriction base="decimal"/>
    </simpleType>
    <simpleType name="ValDistanceVerticalBaseType">
        <restriction base="string">
            <pattern value="((\+|\-){0,1}[0-9]{1,8}(\.[0-
9]{1,4}){0,1})|UNL|GND|FLOOR|CEILING"/>
        </restriction>
    </simpleType>
    <simpleType name="ValDurationBaseType">
        <restriction base="decimal"/>
    </simpleType>
    <simpleType name="ValFLBaseType">
        <restriction base="unsignedInt">
            <maxInclusive value="999"/>
        </restriction>
    </simpleType>
    <simpleType name="ValFrequencyBaseType">
        <restriction base="decimal">
            <minExclusive value="0"/>
        </restriction>
    </simpleType>
    <simpleType name="ValFrictionBaseType">
        <restriction base="decimal">
            <pattern value="0\.[0-9]{2}"/>
        </restriction>
    </simpleType>
    <simpleType name="ValHexBaseType">
        <restriction base="string">
            <pattern value="([A-F]|[0-9]){8}"/>
```

```xml
                </restriction>
        </simpleType>
        <simpleType name="ValLCNBaseType">
                <restriction base="decimal"/>
        </simpleType>
        <simpleType name="ValLightIntensityBaseType">
                <restriction base="decimal"/>
        </simpleType>
        <simpleType name="ValMagneticVariationBaseType">
                <restriction base="decimal">
                        <maxInclusive value="180"/>
                        <minInclusive value="-180"/>
                        <maxInclusive value="180"/>
                </restriction>
        </simpleType>
        <simpleType name="ValMagneticVariationChangeBaseType">
                <restriction base="decimal">
                        <maxInclusive value="180"/>
                        <minInclusive value="-180"/>
                        <maxInclusive value="180"/>
                </restriction>
        </simpleType>
        <simpleType name="ValPCNBaseType">
                <restriction base="decimal">
                        <pattern value="[0-9]{1,3}(\.[0-9]){0,1}"/>
                </restriction>
        </simpleType>
        <simpleType name="ValPercentBaseType">
                <restriction base="decimal">
                        <minInclusive value="0"/>
                        <maxInclusive value="100"/>
                        <minInclusive value="0"/>
                </restriction>
        </simpleType>
        <simpleType name="ValPressureBaseType">
                <restriction base="decimal"/>
        </simpleType>
        <simpleType name="ValSlopeBaseType">
                <restriction base="decimal">
                        <maxInclusive value="100"/>
                        <minInclusive value="-100"/>
                        <maxInclusive value="100"/>
                </restriction>
        </simpleType>
        <simpleType name="ValSpeedBaseType">
                <restriction base="decimal">
                        <minInclusive value="0"/>
                </restriction>
        </simpleType>
        <simpleType name="ValTemperatureBaseType">
                <restriction base="decimal"/>
        </simpleType>
```

```xml
<simpleType name="ValWeightBaseType">
        <restriction base="decimal">
                <minInclusive value="0"/>
        </restriction>
</simpleType>
<complexType name="CodeAerialRefuellingPointType">
        <simpleContent>
                <extension
base="aixm:CodeAerialRefuellingPointBaseType">
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
        </simpleContent>
</complexType>
<complexType name="CodeAerialRefuellingPrefixType">
        <simpleContent>
                <extension
base="aixm:CodeAerialRefuellingPrefixBaseType">
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
        </simpleContent>
</complexType>
<complexType name="CodeAerialRefuellingType">
        <simpleContent>
                <extension base="aixm:CodeAerialRefuellingBaseType">
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
        </simpleContent>
</complexType>
<complexType name="CodeAircraftCategoryType">
        <simpleContent>
                <extension base="aixm:CodeAircraftCategoryBaseType">
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
        </simpleContent>
</complexType>
<complexType name="CodeAircraftEngineNumberType">
        <simpleContent>
                <extension
base="aixm:CodeAircraftEngineNumberBaseType">
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
        </simpleContent>
</complexType>
<complexType name="CodeAircraftEngineType">
        <simpleContent>
                <extension base="aixm:CodeAircraftEngineBaseType">
```

```xml
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
    </complexType>
    <complexType name="CodeAircraftGroundServiceType">
        <simpleContent>
                <extension
base="aixm:CodeAircraftGroundServiceBaseType">
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
    </complexType>
    <complexType name="CodeAircraftICAOType">
        <simpleContent>
                <extension base="aixm:CodeAircraftICAOBaseType">
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
    </complexType>
    <complexType name="CodeAircraftStandType">
        <simpleContent>
                <extension base="aixm:CodeAircraftStandBaseType">
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
    </complexType>
    <complexType name="CodeAircraftType">
        <simpleContent>
                <extension base="aixm:CodeAircraftBaseType">
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
    </complexType>
    <complexType name="CodeAircraftWingspanClassType">
        <simpleContent>
                <extension
base="aixm:CodeAircraftWingspanClassBaseType">
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
    </complexType>
    <complexType name="CodeAirportHeliportCollocationType">
        <simpleContent>
                <extension
base="aixm:CodeAirportHeliportCollocationBaseType">
```

```xml
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="CodeAirportHeliportDesignatorType">
            <simpleContent>
                <extension
base="aixm:CodeAirportHeliportDesignatorBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="CodeAirportHeliportType">
            <simpleContent>
                <extension base="aixm:CodeAirportHeliportBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="CodeAirportWarningType">
            <simpleContent>
                <extension base="aixm:CodeAirportWarningBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="CodeAirspaceActivityType">
            <simpleContent>
                <extension base="aixm:CodeAirspaceActivityBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="CodeAirspaceAggregationType">
            <simpleContent>
                <extension
base="aixm:CodeAirspaceAggregationBaseType">
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type="gml:NilReasonEnumeration"/>
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    <complexType name="CodeStatusConstructionType">
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type="gml:NilReasonEnumeration"/>
                    </extension>
            </simpleContent>
    </complexType>
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type="gml:NilReasonEnumeration"/>
                    </extension>
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    </complexType>
    <complexType name="CodeStatusOperationsType">
            <simpleContent>
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                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                    </extension>
            </simpleContent>
    </complexType>
    <complexType name="CodeStatusServiceType">
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type="gml:NilReasonEnumeration"/>
                    </extension>
            </simpleContent>
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```xml
        </complexType>
        <complexType name="CodeSurfaceCompositionType">
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type="gml:NilReasonEnumeration"/>
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        <complexType name="CodeSurfaceConditionType">
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type="gml:NilReasonEnumeration"/>
                </extension>
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type="gml:NilReasonEnumeration"/>
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        <complexType name="CodeSystemActivationType">
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type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
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        <complexType name="CodeTAAType">
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                <extension base="aixm:CodeTAABaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
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        </complexType>
        <complexType name="CodeTACANChannelType">
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                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
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            <simpleContent>
                <extension base="aixm:CodeTaxiwayElementBaseType">
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```xml
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
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type="gml:NilReasonEnumeration"/>
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type="gml:NilReasonEnumeration"/>
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type="gml:NilReasonEnumeration"/>
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base="aixm:CodeTimeEventCombinationBaseType">
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type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeTimeEventType">
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            <extension base="aixm:CodeTimeEventBaseType">
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type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
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    <complexType name="CodeTimeReferenceType">
        <simpleContent>
            <extension base="aixm:CodeTimeReferenceBaseType">
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type="gml:NilReasonEnumeration"/>
            </extension>
```

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                </simpleContent>
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type="gml:NilReasonEnumeration"/>
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type="gml:NilReasonEnumeration"/>
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type="gml:NilReasonEnumeration"/>
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type="gml:NilReasonEnumeration"/>
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type="gml:NilReasonEnumeration"/>
                        </extension>
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type="gml:NilReasonEnumeration"/>
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        </complexType>
        <complexType name="CodeUsageLimitationType">
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```xml
                    <extension base="aixm:CodeUsageLimitationBaseType">
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type="gml:NilReasonEnumeration"/>
                    </extension>
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type="gml:NilReasonEnumeration"/>
                    </extension>
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base="aixm:CodeValueInterpretationBaseType">
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type="gml:NilReasonEnumeration"/>
                    </extension>
                </simpleContent>
        </complexType>
        <complexType name="CodeVASISType">
            <simpleContent>
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type="gml:NilReasonEnumeration"/>
                    </extension>
                </simpleContent>
        </complexType>
        <complexType name="CodeVerticalDatumType">
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type="gml:NilReasonEnumeration"/>
                    </extension>
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        </complexType>
        <complexType name="CodeVerticalReferenceType">
            <simpleContent>
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                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                    </extension>
                </simpleContent>
        </complexType>
        <complexType name="CodeVerticalStructureMarkingType">
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base="aixm:CodeVerticalStructureMarkingBaseType">
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                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                    </extension>
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    </complexType>
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type="gml:NilReasonEnumeration"/>
                    </extension>
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    </complexType>
    <complexType name="CodeVerticalStructureType">
            <simpleContent>
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type="gml:NilReasonEnumeration"/>
                    </extension>
            </simpleContent>
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base="aixm:CodeVisualDockingGuidanceBaseType">
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type="gml:NilReasonEnumeration"/>
                    </extension>
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    </complexType>
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            <simpleContent>
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type="gml:NilReasonEnumeration"/>
                    </extension>
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    </complexType>
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type="gml:NilReasonEnumeration"/>
                    </extension>
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type="gml:NilReasonEnumeration"/>
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                    </extension>
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type="gml:NilReasonEnumeration"/>
                    </extension>
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type="gml:NilReasonEnumeration"/>
                    </extension>
            </simpleContent>
    </complexType>
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type="gml:NilReasonEnumeration"/>
                    </extension>
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    </complexType>
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            <simpleContent>
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                            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                    </extension>
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    </complexType>
    <complexType name="DateYearType">
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type="gml:NilReasonEnumeration"/>
                    </extension>
            </simpleContent>
    </complexType>
    <complexType name="NoNumberType">
            <simpleContent>
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                            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                    </extension>
            </simpleContent>
    </complexType>
    <complexType name="NoSequenceType">
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        <simpleContent>
                <extension base="aixm:NoSequenceBaseType">
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
        </simpleContent>
    </complexType>
    <complexType name="TextAddressType">
        <simpleContent>
                <extension base="aixm:TextAddressBaseType">
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
        </simpleContent>
    </complexType>
    <complexType name="TextDesignatorType">
        <simpleContent>
                <extension base="aixm:TextDesignatorBaseType">
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type="gml:NilReasonEnumeration"/>
                </extension>
        </simpleContent>
    </complexType>
    <complexType name="TextInstructionType">
        <simpleContent>
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type="gml:NilReasonEnumeration"/>
                </extension>
        </simpleContent>
    </complexType>
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type="gml:NilReasonEnumeration"/>
                </extension>
        </simpleContent>
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        <simpleContent>
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type="gml:NilReasonEnumeration"/>
                        <attribute name="lang" type="language"/>
                </extension>
        </simpleContent>
    </complexType>
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        <simpleContent>
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```xml
                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                    </extension>
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type="gml:NilReasonEnumeration"/>
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type="gml:NilReasonEnumeration"/>
                    </extension>
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type="gml:NilReasonEnumeration"/>
                    </extension>
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type="gml:NilReasonEnumeration"/>
                    </extension>
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    </complexType>
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            <simpleContent>
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type="gml:NilReasonEnumeration"/>
                    </extension>
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type="gml:NilReasonEnumeration"/>
                </extension>
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                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="ValDistanceSignedType">
            <simpleContent>
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type="aixm:UomDistanceType"/>
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type="gml:NilReasonEnumeration"/>
                </extension>
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type="aixm:UomDistanceType"/>
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type="gml:NilReasonEnumeration"/>
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type="aixm:UomDistanceVerticalType"/>
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type="gml:NilReasonEnumeration"/>
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                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
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    </complexType>
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                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
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    </complexType>
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type="aixm:UomFrequencyType"/>
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type="gml:NilReasonEnumeration"/>
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    </complexType>
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type="gml:NilReasonEnumeration"/>
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type="gml:NilReasonEnumeration"/>
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```xml
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type="gml:NilReasonEnumeration"/>
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type="aixm:UomLightIntensityType"/>
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type="gml:NilReasonEnumeration"/>
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            <simpleContent>
                    <extension
base="aixm:ValMagneticVariationChangeBaseType">
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type="gml:NilReasonEnumeration"/>
                    </extension>
            </simpleContent>
    </complexType>
    <complexType name="ValMagneticVariationType">
            <simpleContent>
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                        <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                    </extension>
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    </complexType>
    <complexType name="ValPCNType">
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type="gml:NilReasonEnumeration"/>
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    </complexType>
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type="gml:NilReasonEnumeration"/>
                    </extension>
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```xml
                        <attribute name="uom"
type="aixm:UomPressureType"/>
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type="gml:NilReasonEnumeration"/>
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type="gml:NilReasonEnumeration"/>
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        <simpleContent>
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                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
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        <simpleContent>
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                    <attribute name="uom"
type="aixm:UomTemperatureType"/>
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
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    </complexType>
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        <simpleContent>
            <extension base="aixm:ValWeightBaseType">
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                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
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    </complexType>
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processContents="skip" maxOccurs="unbounded"/>
        </sequence>
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type="gml:NilReasonEnumeration"/>
    </complexType>
    <annotation>
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        <appinfo>

    <gml:gmlProfileSchema>http://www.aixm.aero/schema/5.1/profile/gml
4aixmexternal.schemas.opengis.net/gmlAIXMProfile/1.1/gml321forAIXM.xsd
</gml:gmlProfileSchema>
        </appinfo>
    </annotation>
    <annotation>
        <appinfo
source="www.aixm.aero/schema/5.1">AIXM_DataTypes.xsd</appinfo>
    </annotation>
    <annotation>
        <documentation>Package containing the datatypes that are
used throughout the AIXM.

There are three different types of datatypes:
 - datatype    This is basic data type that specifies a pattern to use.
 - enumeration    This codes a fixed list of values. The OTHER value is
important for mapping future changes to the list. If a value is added
in the future and is not recognised by the current enumeration, it is
mapped to the OTHER value.
 - codelist    This is similar to an enumeration in that it is used to
indicate a list of possible values. However, the list can be expanded,
which means that the codelist is a union between the explicitly
enumerated values and free text.</documentation>
    </annotation>
</schema>
```