

```

<?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="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>

```

Comment [PE1]: Approved with AIXM-167 (to be done at the Webex on 15 Apr)

```

<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" />
      </restriction>
    </simpleType>
  </union>
</simpleType>

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        </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>
    </union>
</simpleType>

```

**Comment [PE3]:** No change, just order is reversed in the schema file.

```

        <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="CodeAirportHelicopterBaseType">
    <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="CodeAirportHelicopterCollocationBaseType">
    <union>
        <simpleType>
            <restriction base="string">
                <enumeration value="FULL"/>
                <enumeration value="RWY"/>
                <enumeration value="PARTIAL"/>
                <enumeration value="UNILATERAL"/>
                <enumeration value="SEPARATED"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

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        </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" />
        <del><maxLength value="6" /></del>
    </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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

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```
<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})?" />
  </restriction>
</simpleType>
```

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        </restriction>
    </simpleType>
</union>
</simpleType>
<simpleType name="CodeAirspaceAggregationBaseType">
    <union>
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            <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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

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        <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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

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        <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>

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        <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">

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```

        <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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

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```

        <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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

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```

        <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>

```

```
<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"/>
      </restriction>
    </simpleType>
  </union>
</simpleType>
```



```

        <enumeration value="DISK_BEAFAB_24_4"/>
        <enumeration value="DISK_BEAFAB_56_2"/>
        <enumeration value="DISK_BEAFAB_6_3"/>
        <enumeration value="DISK_BEAFAB_60_2"/>
        <enumeration value="DISK_BEAFAB_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_BEAFAB_6_3"/>
        <enumeration
value="DISK_RAF_TYPEB_BEAFAB_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>

```

```

    </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">

```

```

        <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>

```

```

<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

```

        <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"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <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>
    </union>
</simpleType>

```

```

        <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"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

```



```

        <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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <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" />
        <del><maxLength value="5" /></del>
    </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>

```

```

        <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="GEODETTIC"/>
            </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"/>

```

Comment [PE5]: Approved with the updated version of the AIXM-146 change proposal

```
        <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"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>
```

```
<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"/>
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<enumeration value="22Y"/>
<enumeration value="22Z"/>
<enumeration value="23X"/>
<enumeration value="23Y"/>
<enumeration value="23Z"/>
<enumeration value="24X"/>
<enumeration value="24W"/>
<enumeration value="24Y"/>
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<enumeration value="31X"/>
<enumeration value="31Y"/>
<enumeration value="31Z"/>
<enumeration value="32X"/>
<enumeration value="32W"/>
<enumeration value="32Y"/>
<enumeration value="32Z"/>
<enumeration value="33X"/>
```

```
<enumeration value="33Y"/>
<enumeration value="33Z"/>
<enumeration value="34X"/>
<enumeration value="34W"/>
<enumeration value="34Y"/>
<enumeration value="34Z"/>
<enumeration value="35X"/>
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<enumeration value="46Y"/>
<enumeration value="46Z"/>
<enumeration value="47X"/>
<enumeration value="47Y"/>
<enumeration value="47Z"/>
<enumeration value="48X"/>
```

```
<enumeration value="48W"/>
<enumeration value="48Y"/>
<enumeration value="48Z"/>
<enumeration value="49X"/>
<enumeration value="49Y"/>
<enumeration value="49Z"/>
<enumeration value="50X"/>
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```

```
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<enumeration value="68Y"/>
<enumeration value="69X"/>
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<enumeration value="87Y"/>
<enumeration value="87Z"/>
<enumeration value="88X"/>
<enumeration value="88Y"/>
<enumeration value="88Z"/>
```



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

```
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<enumeration value="106Z"/>
<enumeration value="107X"/>
<enumeration value="107Y"/>
<enumeration value="107Z"/>
<enumeration value="108X"/>
<enumeration value="108Y"/>
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<enumeration value="123Y"/>
<enumeration value="124X"/>
<enumeration value="124Y"/>
<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="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>
    </union>
</simpleType>

```

```

        <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"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <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">

```

```

                <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>
    </union>
</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"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <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">

```



```

        <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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <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>
    </union>

```

```

    </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>
  </union>
</simpleType>

```

```

        <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>
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                <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})?"/>
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        </simpleType>
    </union>
</simpleType>

```

```

        </simpleType>
    </union>
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<simpleType name="CodeHoldingUsageBaseType">
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                <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">
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        <minLength value="3"/>
        <del><maxLength value="3"/></del>
    </restriction>
</simpleType>
<simpleType name="CodeICAOBaseType">
    <restriction base="aixm:AlphaType">
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        <minLength value="4"/>
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<simpleType name="CodeICAOCountryBaseType">
    <restriction base="aixm:AlphanumericType"/>

```

**Comment [PE6]:** Approved with the updated version of the AIXM-146 change proposal

```
</simpleType>
<simpleType name="CodeILSBackCourseBaseType">
  <union>
    <simpleType>
      <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}"/>
  </restriction>
</simpleType>
```

```

    </restriction>
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        <enumeration value="UPPER" />
        <enumeration value="LOWER" />
        <enumeration value="BOTH" />
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      <restriction base="string">
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    </simpleType>
  </union>
</simpleType>
<simpleType name="CodeLevelSeriesBaseType">
  <union>
    <simpleType>
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        <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_RVSMRVSM" />
        <enumeration value="VFR_METRES_RVSM" />
      </restriction>
    </simpleType>
    <simpleType>
      <restriction base="string">
        <pattern value="OTHER(:(\w|_){1,58})?" />
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    </simpleType>
  </union>

```

**Comment [PE7]:** Approved with change proposal AIXM-158

```

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

```



```

        </union>
</simpleType>
<simpleType name="CodeLightSourceBaseType">
  <union>
    <simpleType>
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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_RAM"/>
        <enumeration value="PORTABLE_STAIRS"/>
      </restriction>
    </simpleType>
    <simpleType>
      <restriction base="string">
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      </restriction>
    </simpleType>
  </union>
</simpleType>
<simpleType name="CodeLocationQualifierBaseType">
  <union>
    <simpleType>
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        <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>

```

```
<simpleType name="CodeLogicalOperatorBaseType">
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    <simpleType>
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        <enumeration value="AND"/>
        <enumeration value="OR"/>
        <enumeration value="NOT"/>
        <enumeration value="NONE"/>
      </restriction>
    </simpleType>
    <simpleType>
      <restriction base="string">
        <pattern value="OTHER(:(\w|_){1,58})?"/>
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    </simpleType>
  </union>
</simpleType>
<simpleType name="CodeMarkerBeaconSignalBaseType">
  <union>
    <simpleType>
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        <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>
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        <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">
```

```

    <union>
      <simpleType>
        <restriction base="string">
          <enumeration value="SOLID"/>
          <enumeration value="DASHED"/>
          <enumeration value="DOTTED"/>
        </restriction>
      </simpleType>
      <simpleType>
        <restriction base="string">
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        <enumeration value="ALL"/>
      </restriction>
    </simpleType>
    <simpleType>
      <restriction base="string">
        <pattern value="OTHER(:(\w|_){1,58})?"/>
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    </simpleType>
  </union>
</simpleType>
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    <simpleType>
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        <enumeration value="JOINT"/>
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        <pattern value="OTHER(:(\w|_){1,58})?"/>
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</simpleType>

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```

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

```

```

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

```

```

<simpleType name="CodeNavaidServiceBaseType">
  <union>
    <simpleType>
      <restriction base="string">
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        <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>
<simpleType name="CodeNavigationAreaRestrictionBaseType">
  <union>
    <simpleType>
      <restriction base="string">
        <enumeration value="VECTOR"/>
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    </simpleType>
  </union>
</simpleType>

```

```

        <enumeration value="OMNIDIRECTIONAL"/>
    </restriction>
</simpleType>
<simpleType>
    <restriction base="string">
        <pattern value="OTHER(:(\w|_){1,58})?"/>
    </restriction>
</simpleType>
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</simpleType>
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    <union>
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                <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})?"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeNavigationSpecificationBaseType">
    <union>
        <simpleType>
            <restriction base="string">
                <enumeration value="RNAV_10"/>
                <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">

```

```

        <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="HNGB"/>
                <enumeration value="LNGB"/>
                <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>

```

```

        <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"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <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>
    </union>
</simpleType>

```

```

        </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" />
      </restriction>
    </simpleType>
  </union>
</simpleType>

```



```

        <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">

```

```

                <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">

```

```

        <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>
    </union>
</simpleType>

```

```

        </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>
        </simpleType>
    </union>
</simpleType>

```

```

        </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>
    </union>
</simpleType>

```

```

        <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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

**Comment [PE8]:** No real change, just the order of the values has changed, it looks as a limitation of the Word comparison tool in detecting text that was moved around too much.

**Comment [PE9]:** Approved with change proposal AIXM-143.

```

        <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"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <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"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

```



```

        </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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

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

```

        </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>
    </union>

```

```

        </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>

```

```

    </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>

```

**Comment [PE11]:** Approved with updated change proposal AIXM-146

```

<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"/>
      </restriction>
    </simpleType>
  </union>
</simpleType>

```

```

        <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" />

```

**Comment [PE12]:** Approved with change proposal AIXM-139

```

        <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"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <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>

```



```

        <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>

```

```

        <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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <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>

```

```

        <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>
        </simpleType>
    </union>
</simpleType>

```

```

        </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"/>
        <del><maxLength value="4"/></del>
    </restriction>
</simpleType>
<simpleType name="CodeSpecialNavigationStationBaseType">
    <union>
        <simpleType>

```

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

```

        <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>
<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>

```



```

        <restriction base="string">
            <enumeration value="IN_CONSTRUCTION" />
            <enumeration value="COMPLETED" />
            <enumeration value="DEMOLITION_PLANNED" />
            <enumeration value="IN_DEMOLITION" />
        </restriction>
    </simpleType>
</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>

```

**Comment [PE14]:** Approved with change proposal AIXM-139

```

        </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">

```

```

        <pattern value="OTHER(:(\w|_){1,58})?"/>
    </restriction>
</simpleType>
</union>
</simpleType>
<simpleType name="CodeSurfaceConditionBaseType">
    <union>
        <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>
            <restriction base="string">
                <pattern value="OTHER(:(\w|_){1,58})?"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeSystemActivationBaseType">
    <union>
        <simpleType>
            <restriction base="string">
                <enumeration value="ON"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <enumeration value="ON_OR_OFF" />
        <enumeration value="OFF" />
    </restriction>
</simpleType>
<simpleType>
    <restriction base="string">
        <pattern value="OTHER(:(\w|_){1,58})?" />
    </restriction>
</simpleType>
</union>
</simpleType>
<simpleType name="CodeTAABaseType">
    <union>
        <simpleType>
            <restriction base="string">
                <enumeration value="LEFT_BASE" />
                <enumeration value="RIGHT_BASE" />
                <enumeration value="STRAIGHT_IN" />
            </restriction>
        </simpleType>
        <simpleType>
            <restriction base="string">
                <pattern value="OTHER(:(\w|_){1,58})?" />
            </restriction>
        </simpleType>
    </union>
</simpleType>
<simpleType name="CodeTACANChannelBaseType">
    <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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```
<enumeration value="11Y"/>
<enumeration value="12X"/>
<enumeration value="12Y"/>
<enumeration value="13X"/>
<enumeration value="13Y"/>
<enumeration value="14X"/>
<enumeration value="14Y"/>
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<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"/>
<enumeration value="23Z"/>
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<enumeration value="24W"/>
<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"/>
<enumeration value="27Y"/>
<enumeration value="27Z"/>
<enumeration value="28X"/>
<enumeration value="28W"/>
<enumeration value="28Y"/>
```

```
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<enumeration value="29X"/>
<enumeration value="29Y"/>
<enumeration value="29Z"/>
<enumeration value="30X"/>
<enumeration value="30W"/>
<enumeration value="30Y"/>
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<enumeration value="34Z"/>
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<enumeration value="35Y"/>
<enumeration value="35Z"/>
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<enumeration value="36Z"/>
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<enumeration value="40W"/>
<enumeration value="40Y"/>
<enumeration value="40Z"/>
<enumeration value="41X"/>
<enumeration value="41Y"/>
<enumeration value="41Z"/>
<enumeration value="42X"/>
<enumeration value="42W"/>
<enumeration value="42Y"/>
<enumeration value="42Z"/>
<enumeration value="43X"/>
<enumeration value="43Y"/>
```

```
<enumeration value="43Z"/>
<enumeration value="44X"/>
<enumeration value="44W"/>
<enumeration value="44Y"/>
<enumeration value="44Z"/>
<enumeration value="45X"/>
<enumeration value="45Y"/>
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<enumeration value="47Z"/>
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<enumeration value="56Z"/>
<enumeration value="57X"/>
<enumeration value="57Y"/>
<enumeration value="58X"/>
<enumeration value="58Y"/>
<enumeration value="59X"/>
```

```
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<enumeration value="60X"/>
<enumeration value="60Y"/>
<enumeration value="61X"/>
<enumeration value="61Y"/>
<enumeration value="62X"/>
<enumeration value="62Y"/>
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<enumeration value="81Y"/>
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<enumeration value="82X"/>
<enumeration value="82Y"/>
<enumeration value="82Z"/>
<enumeration value="83X"/>
<enumeration value="83Y"/>
```



```
<enumeration value="83Z"/>
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<enumeration value="84Y"/>
<enumeration value="84Z"/>
<enumeration value="85X"/>
<enumeration value="85Y"/>
<enumeration value="85Z"/>
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<enumeration value="99Y"/>
<enumeration value="99Z"/>
<enumeration value="100X"/>
<enumeration value="100Y"/>
<enumeration value="100Z"/>
```

```
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<enumeration value="101Y"/>
<enumeration value="101Z"/>
<enumeration value="102X"/>
<enumeration value="102Y"/>
<enumeration value="102Z"/>
<enumeration value="103X"/>
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<enumeration value="117X"/>
<enumeration value="117Y"/>
<enumeration value="117Z"/>
<enumeration value="118X"/>
```

```

        <enumeration value="118Y" />
        <enumeration value="118Z" />
        <enumeration value="119X" />
        <enumeration value="119Y" />
        <enumeration value="119Z" />
        <enumeration value="120X" />
        <enumeration value="120Y" />
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        <enumeration value="121Y" />
        <enumeration value="122X" />
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        <enumeration value="123X" />
        <enumeration value="123Y" />
        <enumeration value="124X" />
        <enumeration value="124Y" />
        <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>

```

```

        <restriction base="string">
            <enumeration value="NORMAL" />
            <enumeration value="INTERSECTION" />
            <enumeration value="SHOULDER" />
            <enumeration value="HOLDING_BAY" />
        </restriction>
    </simpleType>
</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">

```

```

    <union>
      <simpleType>
        <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"/>
      </restriction>
    </simpleType>
  </union>
</simpleType>

```

```

        <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>

```

```

    <simpleType>
      <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" />
      </restriction>
    </simpleType>
  </union>
</simpleType>

```

```

        <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="W AFC"/>
        <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"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

```



```

        <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})?"/>
    </restriction>
</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>

```

```

        <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>
    </union>

```

```

        <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"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        <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>
    </union>
</simpleType>

```

```

        </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" />
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

**Comment [PE15]:** Approved with change proposal AIXM-139

**Comment [PE16]:** Approved with change proposal AIXM-139

```

        </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">

```

```

        <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



```

| <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"/>
      </restriction>
    </simpleType>
  </union>

```

```

        <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>
    </union>
</simpleType>

```

```

        <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"/>
            </restriction>
        </simpleType>
    </union>
</simpleType>

```

```

        </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" />
    </restriction>

```

```
        <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}"/>
    </restriction>
</simpleType>
```

```

        </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>

```

```

<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">

```

```

                <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:CodeAircraftICAOType">
                <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="CodeAirportHelipportCollocationType">
        <simpleContent>
            <extension
base="aixm:CodeAirportHelipportCollocationBaseType">

```





```

                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeAirspaceDependencyType">
        <simpleContent>
            <extension base="aixm:CodeAirspaceDependencyBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeAirspaceDesignatorType">
        <simpleContent>
            <extension base="aixm:CodeAirspaceDesignatorBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeAirspacePointPositionType">
        <simpleContent>
            <extension
base="aixm:CodeAirspacePointPositionBaseType">
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type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeAirspacePointRoleType">
        <simpleContent>
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type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeAirspaceType">
        <simpleContent>
            <extension base="aixm:CodeAirspaceBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeAltitudeAdjustmentType">
        <simpleContent>
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type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>

```

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        </simpleContent>
    </complexType>
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type="gml:NilReasonEnumeration"/>
            </extension>
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    </complexType>
    <complexType name="CodeApproachEquipmentAdditionalType">
        <simpleContent>
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base="aixm:CodeApproachEquipmentAdditionalBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeApproachGuidanceType">
        <simpleContent>
            <extension base="aixm:CodeApproachGuidanceBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeApproachLightingICAOType">
        <simpleContent>
            <extension
base="aixm:CodeApproachLightingICAOTBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeApproachLightingType">
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            <extension base="aixm:CodeApproachLightingBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeApproachPrefixType">
        <simpleContent>
            <extension base="aixm:CodeApproachPrefixBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
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    </complexType>

```

```

    <complexType name="CodeApproachType">
      <simpleContent>
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type="gml:NilReasonEnumeration"/>
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    <complexType name="CodeApprovalType">
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        <extension base="aixm:CodeApprovalBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeApronElementType">
      <simpleContent>
        <extension base="aixm:CodeApronElementBaseType">
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type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeApronSectionType">
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        <extension base="aixm:CodeApronSectionBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
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    </complexType>
    <complexType name="CodeArcDirectionType">
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        <extension base="aixm:CodeArcDirectionBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
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    </complexType>
    <complexType name="CodeArrestingGearEnergyAbsorbType">
      <simpleContent>
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base="aixm:CodeArrestingGearEnergyAbsorbBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeArrestingGearEngageDeviceType">
      <simpleContent>

```

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        <extension
base="aixm:CodeArrestingGearEngageDeviceBaseType">
            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
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    <simpleContent>
        <extension base="aixm:CodeATCReportingBaseType">
            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
    </simpleContent>
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<complexType name="CodeAuralMorseType">
    <simpleContent>
        <extension base="aixm:CodeAuralMorseBaseType">
            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
    </simpleContent>
</complexType>
<complexType name="CodeAuthorityRoleType">
    <simpleContent>
        <extension base="aixm:CodeAuthorityRoleBaseType">
            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
    </simpleContent>
</complexType>
<complexType name="CodeAuthorityType">
    <simpleContent>
        <extension base="aixm:CodeAuthorityBaseType">
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type="gml:NilReasonEnumeration"/>
        </extension>
    </simpleContent>
</complexType>
<complexType name="CodeAviationStandardsType">
    <simpleContent>
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            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
    </simpleContent>
</complexType>
<complexType name="CodeBearingType">
    <simpleContent>
        <extension base="aixm:CodeBearingBaseType">
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type="gml:NilReasonEnumeration"/>
        </extension>
    </simpleContent>
</complexType>
```

```

        </extension>
    </simpleContent>
</complexType>
<complexType name="CodeBuoyDesignatorType">
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        <extension base="aixm:CodeBuoyDesignatorBaseType">
            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
    </simpleContent>
</complexType>
<complexType name="CodeBuoyType">
    <simpleContent>
        <extension base="aixm:CodeBuoyBaseType">
            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
    </simpleContent>
</complexType>
<complexType name="CodeCardinalDirectionType">
    <simpleContent>
        <extension base="aixm:CodeCardinalDirectionBaseType">
            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
    </simpleContent>
</complexType>
<complexType name="CodeCheckpointCategoryType">
    <simpleContent>
        <extension base="aixm:CodeCheckpointCategoryBaseType">
            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
    </simpleContent>
</complexType>
<complexType name="CodeColourType">
    <simpleContent>
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type="gml:NilReasonEnumeration"/>
        </extension>
    </simpleContent>
</complexType>
<complexType name="CodeCommunicationChannelType">
    <simpleContent>
        <extension
base="aixm:CodeCommunicationChannelBaseType">
            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
    </simpleContent>
</complexType>

```

**Comment [PE18]:** Approved with the updated change proposal AIXM-146

```

    <complexType name="CodeCommunicationDirectionType">
      <simpleContent>
        <extension
base="aixm:CodeCommunicationDirectionBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeCommunicationModeType">
      <simpleContent>
        <extension base="aixm:CodeCommunicationModeBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeComparisonType">
      <simpleContent>
        <extension base="aixm:CodeComparisonBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeContaminationType">
      <simpleContent>
        <extension base="aixm:CodeContaminationBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeCourseQualityILSType">
      <simpleContent>
        <extension base="aixm:CodeCourseQualityILSBBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeCourseType">
      <simpleContent>
        <extension base="aixm:CodeCourseBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeDayType">
      <simpleContent>
        <extension base="aixm:CodeDayBaseType">

```

```

                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeDeclaredDistanceType">
        <simpleContent>
            <extension base="aixm:CodeDeclaredDistanceBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeDesignatedPointDesignatorType">
        <simpleContent>
            <extension
base="aixm:CodeDesignatedPointDesignatorBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeDesignatedPointType">
        <simpleContent>
            <extension base="aixm:CodeDesignatedPointBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeDesignStandardType">
        <simpleContent>
            <extension base="aixm:CodeDesignStandardBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeDirectionReferenceType">
        <simpleContent>
            <extension base="aixm:CodeDirectionReferenceBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeDirectionTurnType">
        <simpleContent>
            <extension base="aixm:CodeDirectionTurnBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>

```



```

        </simpleContent>
    </complexType>
    <complexType name="CodeDirectionType">
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type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
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        <simpleContent>
            <extension base="aixm:CodeDistanceIndicationBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeDMEChannelType">
        <simpleContent>
            <extension base="aixm:CodeDMEChannelBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeDMEType">
        <simpleContent>
            <extension base="aixm:CodeDMEBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeEmissionBandType">
        <simpleContent>
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                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeEquipmentAntiCollisionType">
        <simpleContent>
            <extension
base="aixm:CodeEquipmentAntiCollisionBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeEquipmentUnavailableType">

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```
        <simpleContent>
          <extension
base="aixm:CodeEquipmentUnavailableBaseType">
            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
          </extension>
        </simpleContent>
      </complexType>
    <complexType name="CodeFacilityRankingType">
      <simpleContent>
        <extension base="aixm:CodeFacilityRankingBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeFinalGuidanceType">
      <simpleContent>
        <extension base="aixm:CodeFinalGuidanceBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeFireFightingType">
      <simpleContent>
        <extension base="aixm:CodeFireFightingBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeFlightDestinationType">
      <simpleContent>
        <extension base="aixm:CodeFlightDestinationBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeFlightOriginType">
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        <extension base="aixm:CodeFlightOriginBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeFlightPurposeType">
      <simpleContent>
        <extension base="aixm:CodeFlightPurposeBaseType">
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```

                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
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        <simpleContent>
            <extension
base="aixm:CodeFlightRestrictionDesignatorBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
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    <complexType name="CodeFlightRestrictionType">
        <simpleContent>
            <extension base="aixm:CodeFlightRestrictionBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeFlightRuleType">
        <simpleContent>
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type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeFlightStatusType">
        <simpleContent>
            <extension base="aixm:CodeFlightStatusBaseType">
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type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeFlightType">
        <simpleContent>
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type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeFlowConditionOperationType">
        <simpleContent>
            <extension
base="aixm:CodeFlowConditionOperationBaseType">
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type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>

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type="gml:NilReasonEnumeration"/>
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    </complexType>
    <complexType name="CodeFrictionDeviceType">
      <simpleContent>
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type="gml:NilReasonEnumeration"/>
        </extension>
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    </complexType>
    <complexType name="CodeFrictionEstimateType">
      <simpleContent>
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type="gml:NilReasonEnumeration"/>
        </extension>
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    </complexType>
    <complexType name="CodeFuelType">
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type="gml:NilReasonEnumeration"/>
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    </complexType>
    <complexType name="CodeGeoBorderType">
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        <extension base="aixm:CodeGeoBorderBaseType">
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type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeGradeSeparationType">
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        <extension base="aixm:CodeGradeSeparationBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeGroundLightingType">
```

```

        <simpleContent>
            <extension base="aixm:CodeGroundLightingBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeGuidanceLineType">
        <simpleContent>
            <extension base="aixm:CodeGuidanceLineBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeHeightReferenceType">
        <simpleContent>
            <extension base="aixm:CodeHeightReferenceBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeHelicopterPerformanceType">
        <simpleContent>
            <extension
base="aixm:CodeHelicopterPerformanceBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeHoldingCategoryType">
        <simpleContent>
            <extension base="aixm:CodeHoldingCategoryBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeHoldingUsageType">
        <simpleContent>
            <extension base="aixm:CodeHoldingUsageBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeHoldingUseType">
        <simpleContent>
            <extension base="aixm:CodeHoldingUseBaseType">

```

```

                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
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type="gml:NilReasonEnumeration"/>
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        </simpleContent>
    </complexType>
    <complexType name="CodeICAOCountryType">
        <simpleContent>
            <extension base="aixm:CodeICAOCountryBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeICAOType">
        <simpleContent>
            <extension base="aixm:CodeICAOTypeBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeILSBackCourseType">
        <simpleContent>
            <extension base="aixm:CodeILSBackCourseBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeIntegrityLevelILSType">
        <simpleContent>
            <extension base="aixm:CodeIntegrityLevelILSBBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeIntensityStandByType">
        <simpleContent>
            <extension base="aixm:CodeIntensityStandByBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>

```

**Comment [PE19]:** Approved with the updated change proposal AIXM-146

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</complexType>
<complexType name="CodeLanguageType">
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type="gml:NilReasonEnumeration"/>
    </extension>
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  <simpleContent>
    <extension base="aixm:CodeLevelSeriesBaseType">
      <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
    </extension>
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</complexType>
<complexType name="CodeLevelTableDesignatorType">
  <simpleContent>
    <extension
base="aixm:CodeLevelTableDesignatorBaseType">
      <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
    </extension>
  </simpleContent>
</complexType>
<complexType name="CodeLevelType">
  <simpleContent>
    <extension base="aixm:CodeLevelBaseType">
      <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
    </extension>
  </simpleContent>
</complexType>
<complexType name="CodeLightHoldingPositionType">
  <simpleContent>
    <extension
base="aixm:CodeLightHoldingPositionBaseType">
      <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
    </extension>
  </simpleContent>
</complexType>
<complexType name="CodeLightingJARType">
  <simpleContent>
    <extension base="aixm:CodeLightingJARBaseType">
      <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
    </extension>
  </simpleContent>
</complexType>
<complexType name="CodeLightIntensityType">

```





```
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeMarkingStyleType">
      <simpleContent>
        <extension base="aixm:CodeMarkingStyleBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeMeteoConditionsType">
      <simpleContent>
        <extension base="aixm:CodeMeteoConditionsBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeMilitaryOperationsType">
      <simpleContent>
        <extension base="aixm:CodeMilitaryOperationsBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
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    </complexType>
    <complexType name="CodeMilitaryRoutePointType">
      <simpleContent>
        <extension base="aixm:CodeMilitaryRoutePointBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
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    </complexType>
    <complexType name="CodeMilitaryStatusType">
      <simpleContent>
        <extension base="aixm:CodeMilitaryStatusBaseType">
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type="gml:NilReasonEnumeration"/>
        </extension>
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    </complexType>
    <complexType name="CodeMilitaryTrainingType">
      <simpleContent>
        <extension base="aixm:CodeMilitaryTrainingBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeMinimaFinalApproachPathType">
```

```
        <simpleContent>
          <extension
base="aixm:CodeMinimaFinalApproachPathBaseType">
            <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
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      </complexType>
    <complexType name="CodeMinimumAltitudeType">
      <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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**Comment [PE20]:** Approved with the updated change proposal AIXM-146

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**Comment [PE21]:** Approved with the updated change proposal AIXM-146.

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type="gml:NilReasonEnumeration"/>
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<complexType name="CodeTACANChannelType">
  <simpleContent>
    <extension base="aixm:CodeTACANChannelBaseType">
      <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
    </extension>
  </simpleContent>
</complexType>
<complexType name="CodeTaxiwayElementType">
  <simpleContent>
    <extension base="aixm:CodeTaxiwayElementBaseType">

```

```

                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeTaxiwaySectionType">
        <simpleContent>
            <extension base="aixm:CodeTaxiwaySectionBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeTaxiwayType">
        <simpleContent>
            <extension base="aixm:CodeTaxiwayBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeTelecomNetworkType">
        <simpleContent>
            <extension base="aixm:CodeTelecomNetworkBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeTimeEventCombinationType">
        <simpleContent>
            <extension
base="aixm:CodeTimeEventCombinationBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeTimeEventType">
        <simpleContent>
            <extension base="aixm:CodeTimeEventBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeTimeReferenceType">
        <simpleContent>
            <extension base="aixm:CodeTimeReferenceBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>

```

```
        </simpleContent>
    </complexType>
    <complexType name="CodeTLOFSectionType">
        <simpleContent>
            <extension base="aixm:CodeTLOFSectionBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeTrajectoryType">
        <simpleContent>
            <extension base="aixm:CodeTrajectoryBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeTransponderType">
        <simpleContent>
            <extension base="aixm:CodeTransponderBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeUnitDependencyType">
        <simpleContent>
            <extension base="aixm:CodeUnitDependencyBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeUnitType">
        <simpleContent>
            <extension base="aixm:CodeUnitBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeUpperAlphaType">
        <simpleContent>
            <extension base="aixm:CodeUpperAlphaBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeUsageLimitationType">
        <simpleContent>
```

```

                <extension base="aixm:CodeUsageLimitationBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="CodeUUIDType">
            <simpleContent>
                <extension base="aixm:CodeUUIDBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="CodeValueInterpretationType">
            <simpleContent>
                <extension
base="aixm:CodeValueInterpretationBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="CodeVASISType">
            <simpleContent>
                <extension base="aixm:CodeVASISBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="CodeVerticalDatumType">
            <simpleContent>
                <extension base="aixm:CodeVerticalDatumBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="CodeVerticalReferenceType">
            <simpleContent>
                <extension base="aixm:CodeVerticalReferenceBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="CodeVerticalStructureMarkingType">
            <simpleContent>
                <extension
base="aixm:CodeVerticalStructureMarkingBaseType">

```

```
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeVerticalStructureMaterialType">
        <simpleContent>
            <extension
base="aixm:CodeVerticalStructureMaterialBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeVerticalStructureType">
        <simpleContent>
            <extension base="aixm:CodeVerticalStructureBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeVisualDockingGuidanceType">
        <simpleContent>
            <extension
base="aixm:CodeVisualDockingGuidanceBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeVORType">
        <simpleContent>
            <extension base="aixm:CodeVORBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeWakeTurbulenceType">
        <simpleContent>
            <extension base="aixm:CodeWakeTurbulenceBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="CodeWorkAreaType">
        <simpleContent>
            <extension base="aixm:CodeWorkAreaBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
```

```
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="CodeYesNoType">
      <simpleContent>
        <extension base="aixm:CodeYesNoBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="DateMonthDayType">
      <simpleContent>
        <extension base="aixm:DateMonthDayBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="DateTimeType">
      <simpleContent>
        <extension base="aixm:DateTimeBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="DateType">
      <simpleContent>
        <extension base="aixm:DateBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="DateYearType">
      <simpleContent>
        <extension base="aixm:DateYearBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="NoNumberType">
      <simpleContent>
        <extension base="aixm:NoNumberBaseType">
          <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
        </extension>
      </simpleContent>
    </complexType>
    <complexType name="NoSequenceType">
```

```

        <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">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="TextInstructionType">
        <simpleContent>
            <extension base="aixm:TextInstructionBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="TextNameType">
        <simpleContent>
            <extension base="aixm:TextNameBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="TextNoteType">
        <simpleContent>
            <extension base="aixm:TextNoteBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
            <attribute name="lang" type="language"/>
        </simpleContent>
    </complexType>
    <complexType name="TextPhoneType">
        <simpleContent>
            <extension base="aixm:TextPhoneBaseType">

```

```

                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="TextPropertyNameType">
        <simpleContent>
            <extension base="aixm:TextPropertyNameBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="TextRemarkType">
        <simpleContent>
            <extension base="aixm:TextRemarkBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="TextSIDSTARDesignatorType">
        <simpleContent>
            <extension base="aixm:TextSIDSTARDesignatorBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="TimeType">
        <simpleContent>
            <extension base="aixm:TimeBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="ValAlarmLimitType">
        <simpleContent>
            <extension base="aixm:ValAlarmLimitBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="ValAngleType">
        <simpleContent>
            <extension base="aixm:ValAngleBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>

```



```

</complexType>
<complexType name="ValBearingType">
  <simpleContent>
    <extension base="aixm:ValBearingBaseType">
      <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
    </extension>
  </simpleContent>
</complexType>
<complexType name="ValChannelNumberType">
  <simpleContent>
    <extension base="aixm:ValChannelNumberBaseType">
      <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
    </extension>
  </simpleContent>
</complexType>
<complexType name="ValDepthType">
  <simpleContent>
    <extension base="aixm:ValDepthBaseType">
      <attribute name="uom" type="aixm:UomDepthType"/>
      <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
    </extension>
  </simpleContent>
</complexType>
<complexType name="ValDistanceSignedType">
  <simpleContent>
    <extension base="aixm:ValDistanceSignedBaseType">
      <attribute name="uom"
type="aixm:UomDistanceType"/>
      <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
    </extension>
  </simpleContent>
</complexType>
<complexType name="ValDistanceType">
  <simpleContent>
    <extension base="aixm:ValDistanceBaseType">
      <attribute name="uom"
type="aixm:UomDistanceType"/>
      <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
    </extension>
  </simpleContent>
</complexType>
<complexType name="ValDistanceVerticalType">
  <simpleContent>
    <extension base="aixm:ValDistanceVerticalBaseType">
      <attribute name="uom"
type="aixm:UomDistanceVerticalType"/>
    </extension>
  </simpleContent>
</complexType>

```

```

                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="ValDurationType">
        <simpleContent>
            <extension base="aixm:ValDurationBaseType">
                <attribute name="uom"
type="aixm:UomDurationType"/>
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="ValFLType">
        <simpleContent>
            <extension base="aixm:ValFLBaseType">
                <attribute name="uom" type="aixm:UomFLType"/>
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="ValFrequencyType">
        <simpleContent>
            <extension base="aixm:ValFrequencyBaseType">
                <attribute name="uom"
type="aixm:UomFrequencyType"/>
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="ValFrictionType">
        <simpleContent>
            <extension base="aixm:ValFrictionBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="ValHexType">
        <simpleContent>
            <extension base="aixm:ValHexBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="ValLCNType">
        <simpleContent>

```

```

                <extension base="aixm:ValLCNBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="ValLightIntensityType">
            <simpleContent>
                <extension base="aixm:ValLightIntensityBaseType">
                    <attribute name="uom"
type="aixm:UomLightIntensityType"/>
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="ValMagneticVariationChangeType">
            <simpleContent>
                <extension
base="aixm:ValMagneticVariationChangeBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="ValMagneticVariationType">
            <simpleContent>
                <extension base="aixm:ValMagneticVariationBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="ValPCNType">
            <simpleContent>
                <extension base="aixm:ValPCNBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="ValPercentType">
            <simpleContent>
                <extension base="aixm:ValPercentBaseType">
                    <attribute name="nilReason"
type="gml:NilReasonEnumeration"/>
                </extension>
            </simpleContent>
        </complexType>
        <complexType name="ValPressureType">
            <simpleContent>
                <extension base="aixm:ValPressureBaseType">

```

```

                <attribute name="uom"
type="aixm:UomPressureType" />
                <attribute name="nilReason"
type="gml:NilReasonEnumeration" />
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="ValSlopeType">
        <simpleContent>
            <extension base="aixm:ValSlopeBaseType">
                <attribute name="nilReason"
type="gml:NilReasonEnumeration" />
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="ValSpeedType">
        <simpleContent>
            <extension base="aixm:ValSpeedBaseType">
                <attribute name="uom" type="aixm:UomSpeedType" />
                <attribute name="nilReason"
type="gml:NilReasonEnumeration" />
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="ValTemperatureType">
        <simpleContent>
            <extension base="aixm:ValTemperatureBaseType">
                <attribute name="uom"
type="aixm:UomTemperatureType" />
                <attribute name="nilReason"
type="gml:NilReasonEnumeration" />
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="ValWeightType">
        <simpleContent>
            <extension base="aixm:ValWeightBaseType">
                <attribute name="uom" type="aixm:UomWeightType" />
                <attribute name="nilReason"
type="gml:NilReasonEnumeration" />
            </extension>
        </simpleContent>
    </complexType>
    <complexType name="XHTMLType">
        <sequence>
            <any namespace="http://www.w3.org/1999/xhtml"
processContents="skip" maxOccurs="unbounded" />
        </sequence>
        <attribute name="nilReason"
type="gml:NilReasonEnumeration" />
    </complexType>
</annotation>

```

```
<appinfo>
  <gml:gmlProfileSchema>http://www.aixm.aero/schema/5.1/profile/gml
  4aixmexternal.schemas.opengis.net/gmlAIXMProfile/1.1/gml321forAIXM.xsd
</gml:gmlProfileSchema>
  </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>
```

**Comment [PE22]:** Approved with AIXM-167 (to be done at the Webex on 15 Apr)

**Comment [PE23]:** Non-essential annotations removed from the XSD