

1 TRKBİS.JD JeodezikTesisler Veri Teması GML

```
<?xml version="1.0" encoding="windows-1252"?><schema  
xmlns="http://www.w3.org/2001/XMLSchema"  
xmlns:gml="http://www.opengis.net/gml/3.2"  
xmlns:ogr="http://ogr.maptools.org" elementFormDefault="qualified"  
targetNamespace="http://ogr.maptools.org" version="1.0">
```

```
<import namespace="http://www.opengis.net/gml/3.2"  
schemaLocation="http://schemas.opengis.net/gml/3.2.1/gml.xsd"/>
```

```
<!--XML Schema document created by ShapeChange-->
```

```
<simpleType name="JeodezikNoktaTuruType">
```

```
<annotation>
```

```
<documentation>Türkiye Yatay Nirengi Ağı, Ulusal Düşey kontrol (Nirengi)  
Ağı vb. noktalarını ifade eder.</documentation>
```

```
</annotation>
```

```
<union memberTypes="ogr:JeodezikNoktaTuruEnumerationType  
ogr:JeodezikNoktaTuruOtherType"/>
```

```
</simpleType>
```

```
<simpleType name="JeodezikNoktaTuruEnumerationType">
```

```
<annotation>
```

```
<documentation>Türkiye Yatay Nirengi Ağı, Ulusal Düşey kontrol (Nirengi)  
Ağı vb. noktalarını ifade eder.</documentation>
```

```
</annotation>
```

```
<restriction base="string">
```

```
<enumeration value="düşey"/>
```

```
<enumeration value="düseyAnaTUDKA"/>
<enumeration value="yatayAgSiklastirma2"/>
<enumeration value="yatayAgAna"/>
<enumeration value="yatayAgSiklastirma1"/>
<enumeration value="yatayAgSiklastirma3"/>
<enumeration value="yatayAgSiklastirmaDizi"/>
<enumeration value="yatayGPSC1"/>
<enumeration value="yatayGPSC2"/>
<enumeration value="yatayGPSC3"/>
<enumeration value="TUTGA"/>
</restriction>
</simpleType>
<simpleType name="JeodezikNoktaTuruOtherType">
  <restriction base="string">
    <pattern value="other: \w{2,}"/>
  </restriction>
</simpleType>
<element name="JeodezikKontrolNoktasi"
substitutionGroup="ogr:JeodezikReferansSistemi"
type="ogr:JeodezikKontrolNoktasiType">
  <annotation>
    <documentation>Koordinatlari ve kotlari hassas olarak tesbit edilmiş,
yeryüzünde fiziksel olarak belli isaretlerle belirlenmiş noktalar. Türkiye Yatay
```

Nirengi Agi, Ulusal Düşey kontrol (Nirengi) Agi vb. noktalarını ifade eder.</documentation>

</annotation>

</element>

<complexType name="JeodezikKontrolNoktasiType">

<complexContent>

<extension base="ogr:JeodezikReferansSistemiType">

<sequence>

<element minOccurs="0" name="cografBoylam" type="double"/>

<element minOccurs="0" name="cografEnlem" type="double"/>

<element minOccurs="0" name="dogruluk" type="double"/>

<element minOccurs="0" name="elipsoidalYukseklk" type="double"/>

<element name="jeodezikDatum" type="string"/>

<element name="nitelik" type="integer"/>

<element name="numarasi" type="string"/>

<element minOccurs="0" name="yukseklk" type="gml:YukseklkBelirlemeTipiPropertyType"/>

<element name="tesisDurumu" type="string"/>

<element name="turu" type="string"/>

<element name="xKoordinati" type="double"/>

<element name="yKoordinati" type="double"/>

<element minOccurs="0" name="zKoordinati" type="double"/>

```
<element name="noktaTuru"
type="gml:JeodezikNoktaTuruPropertyType"/>

<element minOccurs="0" name="kontrolNoktasi"
type="gml:YerKontrolNoktasiTipiPropertyType"/>

<element minOccurs="0" name="kontrolNoktasiCins"
type="gml:YerKontrolNoktasiCinsiPropertyType"/>

<element minOccurs="0" name="olcumYontemi"
type="gml:DetayOlcumYontemiPropertyType"/>

</sequence>

</extension>

</complexContent>

</complexType>

<complexType name="JeodezikKontrolNoktasiPropertyType">

<sequence minOccurs="0">

<element ref="ogr:JeodezikKontrolNoktasi"/>

</sequence>

<attributeGroup ref="gml:AssociationAttributeGroup"/>

<attributeGroup ref="gml:OwnershipAttributeGroup"/>

</complexType>

<element name="YerKontrolNoktasi"
substitutionGroup="gml:AbstractFeature" type="ogr:YerKontrolNoktasiType">

<annotation>

<documentation>Uydu ve hava fotoğrafları ile kolaylıkla algılanabilir liman,
tepe, anıt
```

vb. koordinatlarla tanımlanan referans noktalaridir.</documentation>

</annotation>

</element>

<complexType name="YerKontrolNoktasiType">

<complexContent>

<extension base="gml:AbstractFeatureType">

<sequence>

<element minOccurs="0" name="aciklama" type="string"/>

<element minOccurs="0" name="dogruluk" type="double"/>

<element name="jeodezikDatum" type="string"/>

<element name="numarasi" type="string"/>

<element name="xKoordinati" type="double"/>

<element name="yKoordinati" type="double"/>

<element minOccurs="0" name="zKoordinati" type="double"/>

</sequence>

</extension>

</complexContent>

</complexType>

<complexType name="YerKontrolNoktasiPropertyType">

<sequence minOccurs="0">

<element ref="ogr:YerKontrolNoktasi"/>

</sequence>

```
<attributeGroup ref="gml:AssociationAttributeGroup"/>

<attributeGroup ref="gml:OwnershipAttributeGroup"/>

</complexType>

<simpleType name="DetayOlcumYontemiType">

  <annotation>

    <documentation>Detay noktalarının ölçüm yöntemi.</documentation>

  </annotation>

  <union memberTypes="ogr:DetayOlcumYontemiEnumerationType
ogr:DetayOlcumYontemiOtherType"/>

</simpleType>

<simpleType name="DetayOlcumYontemiEnumerationType">

  <annotation>

    <documentation>Detay noktalarının ölçüm yöntemi.</documentation>

  </annotation>

  <restriction base="string">

    <enumeration value="bilinmiyor"/>

    <enumeration value="elektronikTakeometre"/>

    <enumeration value="prizmatik"/>

    <enumeration value="optikMekanikTakeometre"/>

    <enumeration value="fotogrametrik"/>

    <enumeration value="gps"/>

    <enumeration value="plancete"/>
```

```
<enumeration value="olcuDegerlerinden"/>

<enumeration value="ekrandanSayisallastirma"/>

<enumeration value="manuelSayisallastirma"/>

<enumeration value="haritadanMinkaleIleOkuma"/>

<enumeration value="haritadanTrifolilleAciMesafeOkuyarak"/>

</restriction>

</simpleType>

<simpleType name="DetayOlcumYontemiOtherType">

  <restriction base="string">

    <pattern value="other: \w{2,}"/>

  </restriction>

</simpleType>

<simpleType name="YukseklkBelirlemeTipiType">

  <union memberTypes="ogr:YukseklkBelirlemeTipiEnumerationType
ogr:YukseklkBelirlemeTipiOtherType"/>

</simpleType>

<simpleType name="YukseklkBelirlemeTipiEnumerationType">

  <restriction base="string">

    <enumeration value="ortometrikKot"/>

    <enumeration value="geometrikNivelmanKotu"/>

    <enumeration value="prezisyonluTrigonometrikNivelman"/>

    <enumeration value="konvansiyonelTrigonometrikNivelman"/>

  </restriction>

</simpleType>
```

```
<enumeration value="elipsoidalKot"/>

</restriction>

</simpleType>

<simpleType name="YukseklıkBelırlemeTipiOtherType">

  <restriction base="string">

    <pattern value="other: \w{2,}"/>

  </restriction>

</simpleType>

<simpleType name="YerKontrolNoktasiCinsiType">

  <union memberTypes="ogr:YerKontrolNoktasiCinsiEnumerationType
ogr:YerKontrolNoktasiCinsiOtherType"/>

</simpleType>

<simpleType name="YerKontrolNoktasiCinsiEnumerationType">

  <restriction base="string">

    <enumeration value="ana"/>

    <enumeration value="ara"/>

    <enumeration value="tamamlayıcı"/>

    <enumeration value="dizi"/>

    <enumeration value="yardımcı"/>

    <enumeration value="kor"/>

    <enumeration value="duvarMadeniRoperi"/>

    <enumeration value="camiKuleTerasUstundeNokta"/>
```



```
</restriction>

</simpleType>

<simpleType name="YerKontrolNoktasiCinsiOtherType">

  <restriction base="string">

    <pattern value="other: \w{2,}" />

  </restriction>

</simpleType>

<element name="PaftaBolumlemesi"
substitutionGroup="ogr:JeodezikReferansSistemi"
type="ogr:PaftaBolumlemesiType">

  <annotation>

    <documentation>Pafta bölümlemesi, yeryüzünün koordinatlara veya
karelaja dayali degisik boyutlu çerçevelere ayirmak anlamina
gelir.</documentation>

  </annotation>

</element>

<complexType name="PaftaBolumlemesiType">

  <complexContent>

    <extension base="ogr:JeodezikReferansSistemiType">

      <sequence>

        <element name="geometri" type="gml:SurfacePropertyType"/>

        <element name="paftaGridDuzeyi" type="gml:GridDuzeyiPropertyType"/>

        <element name="sagaGridBaslangic" type="string"/>

      </sequence>

    </extension>

  </complexContent>

</complexType>
```

```
<element name="sagaGridBitis" type="string"/>
<element name="yukariGridBaslangic" type="string"/>
<element name="yukariGridBitis" type="string"/>
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="PaftaBolumlemesiPropertyType">
<sequence minOccurs="0">
<element ref="ogr:PaftaBolumlemesi"/>
</sequence>
<attributeGroup ref="gml:AssociationAttributeGroup"/>
<attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<element name="KoordinatDonusumleri"
substitutionGroup="gml:AbstractObject"
type="ogr:KoordinatDonusumleriType">
<annotation>
<documentation>Referans sistemleri arasindaki koordinat dönüşüm
parametrelerini
ifade eder.</documentation>
</annotation>
</element>
```

```
<complexType name="KoordinatDonusumleriType">
  <sequence>
    <element minOccurs="0" name="donusumParametreDegeri"
type="integer"/>
    <element minOccurs="0" name="donusumYontemFormulu" type="string"/>
    <element name="donusumYontemIsmi" type="string"/>
    <element name="hedefReferansSistemTanimlayicisi" type="string"/>
    <element name="kaynakReferansSistemTanimlayicisi" type="string"/>
    <element minOccurs="0" name="koordinatDonusumKapsamSiniri"
type="string"/>
    <element name="koordinatDonusumTanimlayicisi" type="string"/>
  </sequence>
</complexType>
<complexType name="KoordinatDonusumleriPropertyType">
  <sequence>
    <element ref="ogr:KoordinatDonusumleri"/>
  </sequence>
</complexType>
<simpleType name="YerKontrolNoktasiTipiType">
  <union memberTypes="ogr:YerKontrolNoktasiTipiEnumerationType
ogr:YerKontrolNoktasiTipiOtherType"/>
</simpleType>
<simpleType name="YerKontrolNoktasiTipiEnumerationType">
```

```
<restriction base="string">  
  
  <enumeration value="nirengi"/>  
  
  <enumeration value="poligon"/>  
  
  <enumeration value="nivelman"/>  
  
  <enumeration value="tutga"/>  
  
  <enumeration value="itrf96"/>  
  
  <enumeration value="ed50"/>  
  
  <enumeration value="gravimetri"/>  
  
  <enumeration value="gps"/>  
  
</restriction>  
  
</simpleType>  
  
<simpleType name="YerKontrolNoktasiTipiOtherType">  
  
  <restriction base="string">  
  
    <pattern value="other: \w{2,}"/>  
  
  </restriction>  
  
</simpleType>  
  
<element name="JeodezikReferansSistemi"  
substitutionGroup="gml:AbstractFeature"  
type="ogr:JeodezikReferansSistemiType">  
  
  <annotation>  
  
    <documentation>Coğrafi verilerin referanslarindirilmasında kullanılan  
koordinat  
  
referans sistemi tanımlamalarını içerir.</documentation>
```

```
</annotation>

</element>

<complexType name="JeodezikReferansSistemiType">

  <complexContent>

    <extension base="gml:AbstractFeatureType">

      <sequence>

        <element name="datumBaslangicNoktasi" type="string"/>

        <element minOccurs="0" name="datumKapsamSiniri" type="string"/>

        <element name="datumTanimlayicisi" type="string"/>

        <element name="datumTipi" type="string"/>

        <element name="elipsoidBasikligi" type="integer"/>

        <element minOccurs="0" name="elipsoidTanimlayicisi" type="integer"/>

        <element name="epok" type="string"/>

        <element name="koordinat"
type="ogr:KoordinatDonusumleriPropertyType"/>

        <element name="referansSistemiTanimlayicisi"
type="gml:SurfacePropertyType"/>

        <element name="kbsNo" type="gml:NesneTanimlayiciPropertyType"/>

        <element name="versiyonBaslangicTarihi" type="dateTime"/>

        <element minOccurs="0" name="versiyonBitisTarihi" type="dateTime"/>

      </sequence>

    </extension>

  </complexContent>

</complexType>

</element>

</sequence>

</extension>
```

```
</complexContent>

</complexType>

<complexType name="JeodezikReferansSistemiPropertyType">

  <sequence minOccurs="0">

    <element ref="ogr:JeodezikReferansSistemi"/>

  </sequence>

  <attributeGroup ref="gml:AssociationAttributeGroup"/>

  <attributeGroup ref="gml:OwnershipAttributeGroup"/>

</complexType>

<simpleType name="GridDuzeyiType">

  <annotation>

    <documentation>Pafta bölümlemesine göre gridlerin ilgili ölçek düzeyini tanımlayan deger kod listesidir.</documentation>

  </annotation>

  <union memberTypes="ogr:GridDuzeyiEnumerationType ogr:GridDuzeyiOtherType"/>

</simpleType>

<simpleType name="GridDuzeyiEnumerationType">

  <annotation>

    <documentation>Pafta bölümlemesine göre gridlerin ilgili ölçek düzeyini tanımlayan deger kod listesidir.</documentation>

  </annotation>

  <restriction base="string">
```

```
<enumeration value="5"/>

<enumeration value="2"/>

<enumeration value="7"/>

<enumeration value="4"/>

<enumeration value="1"/>

<enumeration value="6"/>

<enumeration value="3"/>

<enumeration value="8"/>

</restriction>

</simpleType>

<simpleType name="GridDuzeyiOtherType">

  <restriction base="string">

    <pattern value="other: \w{2,}"/>

  </restriction>

</simpleType>

<element name="Class1" substitutionGroup="gml:AbstractGML"
type="ogr:Class1Type"/>

<complexType name="Class1Type">

  <complexContent>

    <extension base="gml:AbstractGMLType">

      <sequence/>

    </extension>

  </complexContent>

</complexType>

</element>
```

```
</complexContent>

</complexType>

<complexType name="Class1PropertyType">

  <sequence minOccurs="0">

    <element ref="ogr:Class1"/>

  </sequence>

  <attributeGroup ref="gml:AssociationAttributeGroup"/>

  <attributeGroup ref="gml:OwnershipAttributeGroup"/>

</complexType>

</schema>
```