

## DMSchema.xsd

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```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema targetNamespace="http://www.gsi.go.jp/DM/schema/1.0_2008-01"
xmlns:dm="http://www.gsi.go.jp/DM/schema/1.0_2008-01"
xmlns:jps="http://www.gsi.go.jp/GIS/jpgis/standardSchemas1.0_2007-03"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xlink="http://www.w3.org/1999/xlink"
xmlns:fp="http://www.gsi.go.jp/DM/schema/1.0_2008-01/FeaturePortrayal" elementFormDefault="unqualified"
attributeFormDefault="unqualified">
  <xs:import namespace="http://www.gsi.go.jp/DM/schema/1.0_2008-01/FeaturePortrayal"
schemaLocation="DMFeaturePortrayal.xsd" />
  <xs:import namespace="http://www.gsi.go.jp/GIS/jpgis/standardSchemas1.0_2007-03"
schemaLocation="jpsRoot.xsd" />
  <!-- GI -->
  <xs:element name="GI">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="exchangeMetadata" type="jps:ExchangeMetadata" minOccurs="0" />
        <xs:element name="dataset" type="dm:Dataset" minOccurs="0" />
      </xs:sequence>
      <xs:attribute name="version" type="jps:CharacterString" use="required" fixed="1.0" />
      <xs:attribute name="timeStamp" type="jps:DateTime" use="required" />
    </xs:complexType>
  </xs:element>
  <xs:complexType name="Dataset">
    <xs:sequence>
      <xs:element name="crs" type="jps:ref_RS_CRS" minOccurs="0" maxOccurs="2" />
      <xs:element ref="dm:object" />
    </xs:sequence>
  </xs:complexType>
  <xs:element name="object">
    <xs:complexType>
      <xs:group ref="dm:Object" minOccurs="0" maxOccurs="unbounded" />
      <xs:attributeGroup ref="jps:IM_ObjectReference" />
    </xs:complexType>
  </xs:element>
  <xs:group name="Object">
    <xs:sequence>
      <xs:any namespace="http://www.gsi.go.jp/DM/schema/1.0_2008-01/FeaturePortrayal
http://www.gsi.go.jp/DM/schema/1.0_2008-01 http://www.gsi.go.jp/GIS/jpgis/standardSchemas1.0_2007-03" />
    </xs:sequence>
  </xs:group>
  <!-- ===== Object with Identity ===== -->
  <!-- DMデータ集合パッケージ -->
  <xs:element name="DMDataset" type="dm:DMDataset">
    <xs:annotation>
      <xs:documentation>DMデータ集合</xs:documentation>
    </xs:annotation>
  </xs:element>
  <!-- 地物パッケージ -->
  <xs:element name="Feature" type="dm:Feature" abstract="true">
    <xs:annotation>
      <xs:documentation>地物</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SupBd" type="dm:SupBd" substitutionGroup="dm:Feature">
    <xs:annotation>
      <xs:documentation>境界補助線</xs:documentation>
    </xs:annotation>
  </xs:element>
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    </xs:annotation>
</xs:element>
<!-- 行政区パッケージ -->
<xs:element name="AdminDis" type="dm:AdminDis" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>行政区</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MetroDis" type="dm:MetroDis" substitutionGroup="dm:AdminDis">
  <xs:annotation>
    <xs:documentation>都道府県</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="BrHokkaido" type="dm:BrHokkaido" substitutionGroup="dm:AdminDis">
  <xs:annotation>
    <xs:documentation>北海道の支庁</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="City" type="dm:City" substitutionGroup="dm:AdminDis">
  <xs:annotation>
    <xs:documentation>郡・市・東京都の区</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Town" type="dm:Town" substitutionGroup="dm:AdminDis">
  <xs:annotation>
    <xs:documentation>町村・指定都市の区</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Sect" type="dm:Sect" substitutionGroup="dm:AdminDis">
  <xs:annotation>
    <xs:documentation>大字・町(丁)</xs:documentation>
  </xs:annotation>
</xs:element>
<!-- 都市施設パッケージ -->
<xs:element name="Fac" type="dm:Fac" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>都市施設</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RdFac" type="dm:RdFac" abstract="true" substitutionGroup="dm:Fac">
  <xs:annotation>
    <xs:documentation>道路施設</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RdInScale" type="dm:RdInScale" substitutionGroup="dm:RdFac">
  <xs:annotation>
    <xs:documentation>真幅道路</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Footpath" type="dm:Footpath" substitutionGroup="dm:RdFac">
  <xs:annotation>
    <xs:documentation>徒歩道</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RailrdFac" type="dm:RailrdFac" abstract="true" substitutionGroup="dm:Fac">
  <xs:annotation>
    <xs:documentation>鉄道施設</xs:documentation>
  </xs:annotation>
</xs:element>

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<xs:element name="St" type="dm:St" substitutionGroup="dm:RailrdFac">
  <xs:annotation>
    <xs:documentation>駅</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Railrd" type="dm:Railrd" abstract="true" substitutionGroup="dm:RailrdFac">
  <xs:annotation>
    <xs:documentation>路線</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ComRailrd" type="dm:ComRailrd" substitutionGroup="dm:Railrd">
  <xs:annotation>
    <xs:documentation>普通鉄道</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Streetcar" type="dm:Streetcar" substitutionGroup="dm:Railrd">
  <xs:annotation>
    <xs:documentation>路面の鉄道</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SpecialRailrd" type="dm:SpecialRailrd" substitutionGroup="dm:Railrd">
  <xs:annotation>
    <xs:documentation>特殊軌道</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Bld" type="dm:Bld" abstract="true" substitutionGroup="dm:Fac">
  <xs:annotation>
    <xs:documentation>建物</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ComBld" type="dm:ComBld" substitutionGroup="dm:Bld">
  <xs:annotation>
    <xs:documentation>普通建物</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SolidBld" type="dm:SolidBld" substitutionGroup="dm:Bld">
  <xs:annotation>
    <xs:documentation>堅ろう建物</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ComWlessBld" type="dm:ComWlessBld" substitutionGroup="dm:Bld">
  <xs:annotation>
    <xs:documentation>普通無壁舎</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SolidWlessBld" type="dm:SolidWlessBld" substitutionGroup="dm:Bld">
  <xs:annotation>
    <xs:documentation>堅ろう無壁舎</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="WaterArea" type="dm:WaterArea" substitutionGroup="dm:Fac">
  <xs:annotation>
    <xs:documentation>水域(河川・湖池等)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Park" type="dm:Park" substitutionGroup="dm:Fac">
  <xs:annotation>
    <xs:documentation>公園</xs:documentation>
  </xs:annotation>

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</xs:element>
<!-- 境界パッケージ -->
<xs:element name="AdminBd" type="dm:AdminBd" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>行政界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PrefBd" type="dm:PrefBd" substitutionGroup="dm:AdminBd">
  <xs:annotation>
    <xs:documentation>都府県界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="BdBrHokkaido" type="dm:BdBrHokkaido" substitutionGroup="dm:AdminBd">
  <xs:annotation>
    <xs:documentation>北海道の支庁界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="BdCity" type="dm:BdCity" substitutionGroup="dm:AdminBd">
  <xs:annotation>
    <xs:documentation>郡・市・東京都の区界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="BdTown" type="dm:BdTown" substitutionGroup="dm:AdminBd">
  <xs:annotation>
    <xs:documentation>町村・指定都市の区界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="BdSect" type="dm:BdSect" substitutionGroup="dm:AdminBd">
  <xs:annotation>
    <xs:documentation>大字・町(丁)界</xs:documentation>
  </xs:annotation>
</xs:element>
<!-- 道路パッケージ -->
<xs:element name="MargCRd" type="dm:MargCRd" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>道路境界・中心線</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MargRdInScale" type="dm:MargRdInScale" substitutionGroup="dm:MargCRd">
  <xs:annotation>
    <xs:documentation>真幅道路境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CLightCarRd" type="dm:CLightCarRd" substitutionGroup="dm:MargCRd">
  <xs:annotation>
    <xs:documentation>軽車道中心線</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CFootpath" type="dm:CFootpath" substitutionGroup="dm:MargCRd">
  <xs:annotation>
    <xs:documentation>徒歩道中心線</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MargGardenPath" type="dm:MargGardenPath" substitutionGroup="dm:MargCRd">
  <xs:annotation>
    <xs:documentation>庭園路境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MargUnderCon" type="dm:MargUnderCon" substitutionGroup="dm:MargCRd">

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    <xs:annotation>
      <xs:documentation>建設中の道路境界</xs:documentation>
    </xs:annotation>
  </xs:element>
<!-- 道路施設パッケージ -->
<xs:element name="MargRdFac" type="dm:MargRdFac" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>道路施設境界・中心線</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MargRdBridge" type="dm:MargRdBridge" substitutionGroup="dm:MargRdFac">
  <xs:annotation>
    <xs:documentation>道路橋境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CFootbridge" type="dm:CFootbridge" substitutionGroup="dm:MargRdFac">
  <xs:annotation>
    <xs:documentation>徒橋中心線</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MargCrosswalk" type="dm:MargCrosswalk" substitutionGroup="dm:MargRdFac">
  <xs:annotation>
    <xs:documentation>横断歩道境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MargSidewalk" type="dm:MargSidewalk" substitutionGroup="dm:MargRdFac">
  <xs:annotation>
    <xs:documentation>歩道境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MargStoneSteps" type="dm:MargStoneSteps" substitutionGroup="dm:MargRdFac">
  <xs:annotation>
    <xs:documentation>石段境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="OIEntranceUnderground" type="dm:OIEntranceUnderground"
substitutionGroup="dm:MargRdFac">
  <xs:annotation>
    <xs:documentation>地下街・地下鉄等出入口境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MouthRdTunnel" type="dm:MouthRdTunnel" substitutionGroup="dm:MargRdFac">
  <xs:annotation>
    <xs:documentation>道路のトンネル坑口</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="OIDividerStrip" type="dm:OIDividerStrip" substitutionGroup="dm:MargRdFac">
  <xs:annotation>
    <xs:documentation>分離帯境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="OISnowshedRd" type="dm:OISnowshedRd" substitutionGroup="dm:MargRdFac">
  <xs:annotation>
    <xs:documentation>道路の雪覆い等境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RowOfTrees" type="dm:RowOfTrees" substitutionGroup="dm:MargRdFac">
  <xs:annotation>
    <xs:documentation>並木</xs:documentation>
  </xs:annotation>

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    </xs:annotation>
</xs:element>
<!-- 鉄道パッケージ -->
<xs:element name="MargCRailrd" type="dm:MargCRailrd" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>鉄道境界・中心線</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CComRailrd" type="dm:CComRailrd" substitutionGroup="dm:MargCRailrd">
  <xs:annotation>
    <xs:documentation>普通鉄道中心線</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CStreetcar" type="dm:CStreetcar" substitutionGroup="dm:MargCRailrd">
  <xs:annotation>
    <xs:documentation>路面の鉄道中心線</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CSpecialRailrd" type="dm:CSpecialRailrd" substitutionGroup="dm:MargCRailrd">
  <xs:annotation>
    <xs:documentation>特殊軌道中心線</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RopewayLine" type="dm:RopewayLine" substitutionGroup="dm:MargCRailrd">
  <xs:annotation>
    <xs:documentation>索道線</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MargRailrdUnderCon" type="dm:MargRailrdUnderCon" substitutionGroup="dm:MargCRailrd">
  <xs:annotation>
    <xs:documentation>建設中の鉄道境界</xs:documentation>
  </xs:annotation>
</xs:element>
<!-- 鉄道施設パッケージ -->
<xs:element name="MargRailrdFac" type="dm:MargRailrdFac" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>鉄道施設境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MargRailrdBridge" type="dm:MargRailrdBridge" substitutionGroup="dm:MargRailrdFac">
  <xs:annotation>
    <xs:documentation>鉄道橋境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MargOverbridge" type="dm:MargOverbridge" substitutionGroup="dm:MargRailrdFac">
  <xs:annotation>
    <xs:documentation>跨線橋境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MouthRailrdTunnel" type="dm:MouthRailrdTunnel" substitutionGroup="dm:MargRailrdFac">
  <xs:annotation>
    <xs:documentation>鉄道のトンネル坑口</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="OIStoppingPlace" type="dm:OIStoppingPlace" substitutionGroup="dm:MargRailrdFac">
  <xs:annotation>
    <xs:documentation>停留所境界</xs:documentation>
  </xs:annotation>
</xs:element>

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<xs:element name="OIPlatform" type="dm:OIPlatform" substitutionGroup="dm:MargRailrdFac">
  <xs:annotation>
    <xs:documentation>プラットフォーム境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="OISnowshedRailrd" type="dm:OISnowshedRailrd" substitutionGroup="dm:MargRailrdFac">
  <xs:annotation>
    <xs:documentation>鉄道の雪覆い等境界</xs:documentation>
  </xs:annotation>
</xs:element>
<!-- 建物パッケージ -->
<xs:element name="OIBld" type="dm:OIBld" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>建物境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="OIComBld" type="dm:OIComBld" substitutionGroup="dm:OIBld">
  <xs:annotation>
    <xs:documentation>普通建物境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="OISolidBld" type="dm:OISolidBld" substitutionGroup="dm:OIBld">
  <xs:annotation>
    <xs:documentation>堅ろう建物境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="OISolidWlessBld" type="dm:OISolidWlessBld" substitutionGroup="dm:OIBld">
  <xs:annotation>
    <xs:documentation>普通無壁舎境界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="OIComWlessBld" type="dm:OIComWlessBld" substitutionGroup="dm:OIBld">
  <xs:annotation>
    <xs:documentation>堅ろう無壁舎境界</xs:documentation>
  </xs:annotation>
</xs:element>
<!-- 建物付属物パッケージ -->
<xs:element name="FacBld" type="dm:FacBld" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>建物付属物</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="HouseTypeGate" type="dm:HouseTypeGate" substitutionGroup="dm:FacBld">
  <xs:annotation>
    <xs:documentation>屋門</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Gate" type="dm:Gate" substitutionGroup="dm:FacBld">
  <xs:annotation>
    <xs:documentation>門</xs:documentation>
  </xs:annotation>
</xs:element>
<!-- 小物体パッケージ -->
<xs:element name="SmallObject" type="dm:SmallObject" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>小物体</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Gravestone" type="dm:Gravestone" substitutionGroup="dm:SmallObject">

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    <xs:annotation>
      <xs:documentation>墓碑</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Monument" type="dm:Monument" substitutionGroup="dm:SmallObject">
    <xs:annotation>
      <xs:documentation>記念碑</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Statue" type="dm:Statue" substitutionGroup="dm:SmallObject">
    <xs:annotation>
      <xs:documentation>立像</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="WaysideShrine" type="dm:WaysideShrine" substitutionGroup="dm:SmallObject">
    <xs:annotation>
      <xs:documentation>路傍祠</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Lantern" type="dm:Lantern" substitutionGroup="dm:SmallObject">
    <xs:annotation>
      <xs:documentation>灯ろう</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Torii" type="dm:Torii" substitutionGroup="dm:SmallObject">
    <xs:annotation>
      <xs:documentation>鳥居</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Pit" type="dm:Pit" substitutionGroup="dm:SmallObject">
    <xs:annotation>
      <xs:documentation>坑口</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="BroadleavedTree" type="dm:BroadleavedTree" substitutionGroup="dm:SmallObject">
    <xs:annotation>
      <xs:documentation>独立樹(広葉樹)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="NeedleLeavedTree" type="dm:NeedleLeavedTree" substitutionGroup="dm:SmallObject">
    <xs:annotation>
      <xs:documentation>独立樹(針葉樹)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="OilGasWell" type="dm:OilGasWell" substitutionGroup="dm:SmallObject">
    <xs:annotation>
      <xs:documentation>油井・ガス井</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Crane" type="dm:Crane" substitutionGroup="dm:SmallObject">
    <xs:annotation>
      <xs:documentation>起重機</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Tank" type="dm:Tank" substitutionGroup="dm:SmallObject">
    <xs:annotation>
      <xs:documentation>タンク</xs:documentation>
    </xs:annotation>
  </xs:element>

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<xs:element name="Chimney" type="dm:Chimney" substitutionGroup="dm:SmallObject">
  <xs:annotation>
    <xs:documentation>煙突</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="HighTower" type="dm:HighTower" substitutionGroup="dm:SmallObject">
  <xs:annotation>
    <xs:documentation>高塔</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ElectricTower" type="dm:ElectricTower" substitutionGroup="dm:SmallObject">
  <xs:annotation>
    <xs:documentation>電波塔</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Lighthouse" type="dm:Lighthouse" substitutionGroup="dm:SmallObject">
  <xs:annotation>
    <xs:documentation>灯台</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="LightBuoy" type="dm:LightBuoy" substitutionGroup="dm:SmallObject">
  <xs:annotation>
    <xs:documentation>灯標</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="WaterObservatory" type="dm:WaterObservatory" substitutionGroup="dm:SmallObject">
  <xs:annotation>
    <xs:documentation>水位観測所</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SurfacePipeline" type="dm:SurfacePipeline" substitutionGroup="dm:SmallObject">
  <xs:annotation>
    <xs:documentation>輸送管(地上)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ElevatedPipeline" type="dm:ElevatedPipeline" substitutionGroup="dm:SmallObject">
  <xs:annotation>
    <xs:documentation>輸送管(空間)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PowerLine" type="dm:PowerLine" substitutionGroup="dm:SmallObject">
  <xs:annotation>
    <xs:documentation>送電線</xs:documentation>
  </xs:annotation>
</xs:element>
<!-- 水部パッケージ -->
<xs:element name="Water" type="dm:Water" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>水部</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Shoreline" type="dm:Shoreline" substitutionGroup="dm:Water">
  <xs:annotation>
    <xs:documentation>水涯線(河川・海岸線・湖池等)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SingleLineStream" type="dm:SingleLineStream" substitutionGroup="dm:Water">
  <xs:annotation>
    <xs:documentation>一条河川</xs:documentation>
  </xs:annotation>

```

```

    </xs:annotation>
</xs:element>
<xs:element name="DriedUpRiver" type="dm:DriedUpRiver" substitutionGroup="dm:Water">
  <xs:annotation>
    <xs:documentation>かれ川</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Harbor" type="dm:Harbor" substitutionGroup="dm:Water">
  <xs:annotation>
    <xs:documentation>内港、港</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Cape" type="dm:Cape" substitutionGroup="dm:Water">
  <xs:annotation>
    <xs:documentation>岬、崎、鼻、岩礁</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RivBk" type="dm:RivBk" substitutionGroup="dm:Water">
  <xs:annotation>
    <xs:documentation>河岸、河原、洲、滝、浜、磯</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Island" type="dm:Island" substitutionGroup="dm:Water">
  <xs:annotation>
    <xs:documentation>島</xs:documentation>
  </xs:annotation>
</xs:element>
<!-- 水部の構造物パッケージ -->
<xs:element name="WaterStructure" type="dm:WaterStructure" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>水部の構造物</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SteelConcretePier" type="dm:SteelConcretePier" substitutionGroup="dm:WaterStructure">
  <xs:annotation>
    <xs:documentation>棧橋(鉄・コンクリート)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="WoodFloatPier" type="dm:WoodFloatPier" substitutionGroup="dm:WaterStructure">
  <xs:annotation>
    <xs:documentation>棧橋(木製・浮棧橋)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Brakewater" type="dm:Brakewater" substitutionGroup="dm:WaterStructure">
  <xs:annotation>
    <xs:documentation>防波堤</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Ferry" type="dm:Ferry" substitutionGroup="dm:WaterStructure">
  <xs:annotation>
    <xs:documentation>渡船発着場</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Dam" type="dm:Dam" substitutionGroup="dm:WaterStructure">
  <xs:annotation>
    <xs:documentation>ダム</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="WaterFall" type="dm:WaterFall" substitutionGroup="dm:WaterStructure">

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    <xs:annotation>
      <xs:documentation>滝</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Weir" type="dm:Weir" substitutionGroup="dm:WaterStructure">
    <xs:annotation>
      <xs:documentation>せき</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="WaterGate" type="dm:WaterGate" substitutionGroup="dm:WaterStructure">
    <xs:annotation>
      <xs:documentation>水門</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ImperStarling" type="dm:ImperStarling" substitutionGroup="dm:WaterStructure">
    <xs:annotation>
      <xs:documentation>不透過水制</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="PerStarling" type="dm:PerStarling" substitutionGroup="dm:WaterStructure">
    <xs:annotation>
      <xs:documentation>透過水制</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="StoneSlope" type="dm:StoneSlope" substitutionGroup="dm:WaterStructure">
    <xs:annotation>
      <xs:documentation>敷石斜坂</xs:documentation>
    </xs:annotation>
  </xs:element>
  <!-- 構囲等パッケージ -->
  <xs:element name="Enclosure" type="dm:Enclosure" abstract="true" substitutionGroup="dm:Feature">
    <xs:annotation>
      <xs:documentation>構囲等</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ArtificialSlope" type="dm:ArtificialSlope" substitutionGroup="dm:Enclosure">
    <xs:annotation>
      <xs:documentation>人工斜面</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Bank" type="dm:Bank" substitutionGroup="dm:Enclosure">
    <xs:annotation>
      <xs:documentation>土堤等</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Covering" type="dm:Covering" substitutionGroup="dm:Enclosure">
    <xs:annotation>
      <xs:documentation>被覆</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Fence" type="dm:Fence" substitutionGroup="dm:Enclosure">
    <xs:annotation>
      <xs:documentation>かき</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Wall" type="dm:Wall" substitutionGroup="dm:Enclosure">
    <xs:annotation>
      <xs:documentation>へい</xs:documentation>
    </xs:annotation>
  </xs:element>

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</xs:element>
<!-- 場地パッケージ -->
<xs:element name="MscLands" type="dm:MscLands" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>場地</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="BdSite" type="dm:BdSite" substitutionGroup="dm:MscLands">
  <xs:annotation>
    <xs:documentation>区域界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ParkingLot" type="dm:ParkingLot" substitutionGroup="dm:MscLands">
  <xs:annotation>
    <xs:documentation>駐車場</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Garden" type="dm:Garden" substitutionGroup="dm:MscLands">
  <xs:annotation>
    <xs:documentation>園庭</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Cemetery" type="dm:Cemetery" substitutionGroup="dm:MscLands">
  <xs:annotation>
    <xs:documentation>墓地</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="YardOfMaterials" type="dm:YardOfMaterials" substitutionGroup="dm:MscLands">
  <xs:annotation>
    <xs:documentation>材料置場</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Crater" type="dm:Crater" substitutionGroup="dm:MscLands">
  <xs:annotation>
    <xs:documentation>噴火口・噴気口</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="HotSpring" type="dm:HotSpring" substitutionGroup="dm:MscLands">
  <xs:annotation>
    <xs:documentation>温泉・鉱泉</xs:documentation>
  </xs:annotation>
</xs:element>
<!-- 植生パッケージ -->
<xs:element name="Veg" type="dm:Veg" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>植生</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="BorderVeg" type="dm:BorderVeg" substitutionGroup="dm:Veg">
  <xs:annotation>
    <xs:documentation>植生界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="BdCultivatedLand" type="dm:BdCultivatedLand" substitutionGroup="dm:Veg">
  <xs:annotation>
    <xs:documentation>耕地界</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RiceFd" type="dm:RiceFd" substitutionGroup="dm:Veg">

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    <xs:annotation>
      <xs:documentation>田</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Fd" type="dm:Fd" substitutionGroup="dm:Veg">
    <xs:annotation>
      <xs:documentation>畑</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SugarcaneFd" type="dm:SugarcaneFd" substitutionGroup="dm:Veg">
    <xs:annotation>
      <xs:documentation>さとうきび畑</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="PineappleFd" type="dm:PineappleFd" substitutionGroup="dm:Veg">
    <xs:annotation>
      <xs:documentation>パイナップル畑</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="MulberryFd" type="dm:MulberryFd" substitutionGroup="dm:Veg">
    <xs:annotation>
      <xs:documentation>桑畑</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Orchard" type="dm:Orchard" substitutionGroup="dm:Veg">
    <xs:annotation>
      <xs:documentation>果樹園</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="OtherArboretum" type="dm:OtherArboretum" substitutionGroup="dm:Veg">
    <xs:annotation>
      <xs:documentation>その他の樹木畑</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="TeaPlantation" type="dm:TeaPlantation" substitutionGroup="dm:Veg">
    <xs:annotation>
      <xs:documentation>茶畑</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Turf" type="dm:Turf" substitutionGroup="dm:Veg">
    <xs:annotation>
      <xs:documentation>芝地</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="BroadLeafForest" type="dm:BroadLeafForest" substitutionGroup="dm:Veg">
    <xs:annotation>
      <xs:documentation>広葉樹林</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="NeedleLeafForest" type="dm:NeedleLeafForest" substitutionGroup="dm:Veg">
    <xs:annotation>
      <xs:documentation>針葉樹林</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="BambooGrove" type="dm:BambooGrove" substitutionGroup="dm:Veg">
    <xs:annotation>
      <xs:documentation>竹林</xs:documentation>
    </xs:annotation>
  </xs:element>

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<xs:element name="Wasteland" type="dm:Wasteland" substitutionGroup="dm:Veg">
  <xs:annotation>
    <xs:documentation>荒地</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CreepingPineBush" type="dm:CreepingPineBush" substitutionGroup="dm:Veg">
  <xs:annotation>
    <xs:documentation>はい松地</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DwarfBambooBush" type="dm:DwarfBambooBush" substitutionGroup="dm:Veg">
  <xs:annotation>
    <xs:documentation>しの地</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PalmForest" type="dm:PalmForest" substitutionGroup="dm:Veg">
  <xs:annotation>
    <xs:documentation>やし科樹木</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Swamp" type="dm:Swamp" substitutionGroup="dm:Veg">
  <xs:annotation>
    <xs:documentation>湿地</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SandsAndGravels" type="dm:SandsAndGravels" substitutionGroup="dm:Veg">
  <xs:annotation>
    <xs:documentation>砂れき地</xs:documentation>
  </xs:annotation>
</xs:element>
<!-- 等高線パッケージ -->
<xs:element name="Contour" type="dm:Contour" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>等高線</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ContourIndex" type="dm:ContourIndex" substitutionGroup="dm:Contour">
  <xs:annotation>
    <xs:documentation>等高線(計曲線)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ContourInter" type="dm:ContourInter" substitutionGroup="dm:Contour">
  <xs:annotation>
    <xs:documentation>等高線(主曲線)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ContourSup" type="dm:ContourSup" substitutionGroup="dm:Contour">
  <xs:annotation>
    <xs:documentation>等高線(補助曲線)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DepGroundIndex" type="dm:DepGroundIndex" substitutionGroup="dm:Contour">
  <xs:annotation>
    <xs:documentation>凹地(計曲線)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DepGroundInter" type="dm:DepGroundInter" substitutionGroup="dm:Contour">
  <xs:annotation>
    <xs:documentation>凹地(主曲線)</xs:documentation>
  </xs:annotation>
</xs:element>

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    </xs:annotation>
</xs:element>
<xs:element name="DepGroundSup" type="dm:DepGroundSup" substitutionGroup="dm:Contour">
  <xs:annotation>
    <xs:documentation>凹地(補助曲線)</xs:documentation>
  </xs:annotation>
</xs:element>
<!-- 変形地パッケージ -->
<xs:element name="DeformedLand" type="dm:DeformedLand" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>変形地</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SoilCliff" type="dm:SoilCliff" substitutionGroup="dm:DeformedLand">
  <xs:annotation>
    <xs:documentation>土がけ</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RainCrack" type="dm:RainCrack" substitutionGroup="dm:DeformedLand">
  <xs:annotation>
    <xs:documentation>雨裂</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CaveMouth" type="dm:CaveMouth" substitutionGroup="dm:DeformedLand">
  <xs:annotation>
    <xs:documentation>洞口</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RockCliff" type="dm:RockCliff" substitutionGroup="dm:DeformedLand">
  <xs:annotation>
    <xs:documentation>岩がけ</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="BareRock" type="dm:BareRock" substitutionGroup="dm:DeformedLand">
  <xs:annotation>
    <xs:documentation>露岩</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ScatteredRock" type="dm:ScatteredRock" substitutionGroup="dm:DeformedLand">
  <xs:annotation>
    <xs:documentation>散岩</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CoralReef" type="dm:CoralReef" substitutionGroup="dm:DeformedLand">
  <xs:annotation>
    <xs:documentation>さんご礁</xs:documentation>
  </xs:annotation>
</xs:element>
<!-- 山地パッケージ -->
<xs:element name="MtDist" type="dm:MtDist" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>山地</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Mt" type="dm:Mt" substitutionGroup="dm:MtDist">
  <xs:annotation>
    <xs:documentation>山</xs:documentation>
  </xs:annotation>
</xs:element>

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<xs:element name="Pike" type="dm:Pike" substitutionGroup="dm:MtDist">
  <xs:annotation>
    <xs:documentation>尖峰、丘、塚</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="BsMt" type="dm:BsMt" substitutionGroup="dm:MtDist">
  <xs:annotation>
    <xs:documentation>山麓</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Valley" type="dm:Valley" substitutionGroup="dm:MtDist">
  <xs:annotation>
    <xs:documentation>谷、沢</xs:documentation>
  </xs:annotation>
</xs:element>
<!-- 基準点パッケージ -->
<xs:element name="CP" type="dm:CP" abstract="true" substitutionGroup="dm:Feature">
  <xs:annotation>
    <xs:documentation>基準点</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TriP" type="dm:TriP" substitutionGroup="dm:CP">
  <xs:annotation>
    <xs:documentation>三角点</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="BenchMark" type="dm:BenchMark" substitutionGroup="dm:CP">
  <xs:annotation>
    <xs:documentation>水準点</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MonumentedP" type="dm:MonumentedP" substitutionGroup="dm:CP">
  <xs:annotation>
    <xs:documentation>多角点及び標石を有する図根点等</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PublicTriP" type="dm:PublicTriP" substitutionGroup="dm:CP">
  <xs:annotation>
    <xs:documentation>公共基準点(三角点)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PublicLevelP" type="dm:PublicLevelP" substitutionGroup="dm:CP">
  <xs:annotation>
    <xs:documentation>公共基準点(水準点)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="GPSCP" type="dm:GPSCP" substitutionGroup="dm:CP">
  <xs:annotation>
    <xs:documentation>電子基準点</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PublicGPSCP" type="dm:PublicGPSCP" substitutionGroup="dm:CP">
  <xs:annotation>
    <xs:documentation>公共電子基準点</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SpotHeightWithoutMonument" type="dm:SpotHeightWithoutMonument"
substitutionGroup="dm:CP">
  <xs:annotation>

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        <xs:documentation>標石を有しない標高点</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="SpotHeightPhotogrametric" type="dm:SpotHeightPhotogrametric" substitutionGroup="dm:CP">
    <xs:annotation>
        <xs:documentation>図化機測定による標高点</xs:documentation>
    </xs:annotation>
</xs:element>
<!-- ===== DM共通要素 ===== -->
<!-- 空間属性GM_Pointへの関連 -->
<xs:element name="pos" type="dm:ref_GM_Point" />
<!-- 空間属性GM_Curveへの関連 -->
<xs:element name="loc" type="dm:ref_GM_Curve" />
<!-- 空間属性GM_CompositeCurveへの関連 -->
<xs:element name="locs" type="dm:ref_GM_CompositeCurve" />
<!-- 空間属性GM_Surfaceへの関連 -->
<xs:element name="area" type="dm:ref_GM_Surface" />
<!-- 時間属性TM_Periodへの関連 -->
<xs:element name="lifeSpan" type="dm:ref_TM_Period" />
<!-- st "駅"への関連 -->
<xs:element name="st" type="dm:ref_St" />
<!-- ===== -->
<!--===== Type declarations =====-->
<!-- DMDataset -->
<xs:complexType name="DMDataset">
    <xs:annotation>
        <xs:documentation>type of DMデータ集合</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="jps:IM_Object">
            <xs:sequence>
                <xs:element ref="dm:DMDataset.object" maxOccurs="unbounded" />
                <xs:element ref="dm:DMDataset.crs" maxOccurs="unbounded" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<xs:element name="DMDataset.object">
    <xs:complexType>
        <xs:annotation>
            <xs:documentation>DMデータ集合の地物への関連</xs:documentation>
        </xs:annotation>
        <xs:sequence maxOccurs="unbounded">
            <xs:any namespace="http://www.gsi.go.jp/DM/schema/1.0_2008-01
http://www.gsi.go.jp/GIS/jpgis/standardSchemas1.0_2007-03" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="DMDataset.crs" type="dm:ref_RS_Identifier" />
<!-- Feature -->
<xs:complexType name="Feature" abstract="true">
    <xs:annotation>
        <xs:documentation>type of 地物</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="jps:IM_Object">
            <xs:sequence>
                <xs:element ref="dm:lifeSpan" minOccurs="0" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>

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        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<!-- SupBd -->
<xs:complexType name="SupBd">
    <xs:annotation>
        <xs:documentation>type of 境界補助線</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Feature">
            <xs:sequence>
                <xs:element ref="dm:loc" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<!-- 行政区パッケージ -->
<!-- AdminDis -->
<xs:complexType name="AdminDis" abstract="true">
    <xs:annotation>
        <xs:documentation>type of 行政区</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Feature">
            <xs:sequence>
                <xs:element name="name" type="jps:CharacterString" />
                <xs:element ref="dm:AdminDis.elem" maxOccurs="unbounded" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<xs:element name="AdminDis.elem">
    <xs:complexType>
        <xs:sequence>
            <xs:group ref="dm:AdminDis.elem" minOccurs="0" />
        </xs:sequence>
        <xs:attributeGroup ref="jps:IM_ObjectReference" />
    </xs:complexType>
</xs:element>
<!-- AdminDis.elem group -->
<xs:group name="AdminDis.elem">
    <xs:annotation>
        <xs:documentation>行政区の構成要素となり得る地物のグループ</xs:documentation>
    </xs:annotation>
    <xs:choice>
        <xs:element ref="dm:AdminBd" />
        <xs:element ref="dm:Shoreline" />
        <xs:element ref="dm:SupBd" />
    </xs:choice>
</xs:group>
<!-- MetroDis -->
<xs:complexType name="MetroDis">
    <xs:annotation>
        <xs:documentation>type of 都道府県</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:AdminDis">
            <xs:choice>
                <xs:element ref="dm:MetroDis.mbCity" maxOccurs="unbounded" />
            </xs:choice>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>

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        <xs:element ref="dm:MetroDis.hokkaido" maxOccurs="unbounded" />
    </xs:choice>
</xs:extension>
</xs:complexContent>
</xs:complexType>
<xs:element name="MetroDis.mbCity">
    <xs:annotation>
        <xs:documentation>都道府県の郡・市・東京都の区への集成関連</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="dm:City" minOccurs="0" />
        </xs:sequence>
        <xs:attributeGroup ref="jps:IM_ObjectReference" />
    </xs:complexType>
</xs:element>
<xs:element name="MetroDis.hokkaido">
    <xs:annotation>
        <xs:documentation>都道府県の北海道の支庁への集成関連</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="dm:BrHokkaido" minOccurs="0" />
        </xs:sequence>
        <xs:attributeGroup ref="jps:IM_ObjectReference" />
    </xs:complexType>
</xs:element>
<!-- BrHokkaido -->
<xs:complexType name="BrHokkaido">
    <xs:annotation>
        <xs:documentation>type of 北海道の支庁</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:AdminDis">
            <xs:sequence>
                <xs:element ref="dm:BrHokkaido.hokkaido" />
                <xs:element ref="dm:BrHokkaido.mbCity" maxOccurs="unbounded" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<xs:element name="BrHokkaido.mbCity">
    <xs:annotation>
        <xs:documentation>北海道の支庁の郡・市・東京都の区への集成関連</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
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        </xs:sequence>
        <xs:attributeGroup ref="jps:IM_ObjectReference" />
    </xs:complexType>
</xs:element>
<xs:element name="BrHokkaido.hokkaido" type="jps:IM_ObjectReference" />
<!-- City -->
<xs:complexType name="City">
    <xs:annotation>
        <xs:documentation>type of 郡・市・東京都の区</xs:documentation>
    </xs:annotation>
    <xs:complexContent>

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<xs:extension base="dm:AdminDis">
  <xs:sequence>
    <xs:choice>
      <xs:element ref="dm:City.metroDis" />
      <xs:element ref="dm:City.brHokkaido" />
    </xs:choice>
    <xs:element ref="dm:City.mbTown" minOccurs="0" maxOccurs="unbounded" />
    <xs:element ref="dm:City.sect" minOccurs="0" maxOccurs="unbounded" />
  </xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
<xs:element name="City.metroDis" type="jps:IM_ObjectReference" />
<xs:element name="City.brHokkaido" type="jps:IM_ObjectReference" />
<xs:element name="City.mbTown">
  <xs:annotation>
    <xs:documentation>郡・市・東京都の区の町村・指定都市の区への集成関連</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="dm:Town" minOccurs="0" />
    </xs:sequence>
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
  </xs:complexType>
</xs:element>
<xs:element name="City.sect">
  <xs:annotation>
    <xs:documentation>郡・市・東京都の区の大字・町(丁)への集成関連</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="dm:Sect" minOccurs="0" />
    </xs:sequence>
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
  </xs:complexType>
</xs:element>
<!-- Town -->
<xs:complexType name="Town">
  <xs:annotation>
    <xs:documentation>type of 町村・指定都市の区</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:AdminDis">
      <xs:sequence>
        <xs:element ref="dm:Town.city" />
        <xs:element ref="dm:Town.sect" maxOccurs="unbounded" />
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    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="Town.sect">
  <xs:annotation>
    <xs:documentation>町村・指定都市の区の大文字・町(丁)への集成関連</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="dm:Sect" minOccurs="0" />
    </xs:sequence>
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
  </xs:complexType>

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    </xs:complexType>
</xs:element>
<xs:element name="Town.city" type="jps:IM_ObjectReference" />
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  <xs:annotation>
    <xs:documentation>type of 大字・町(丁)</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:AdminDis">
      <xs:sequence>
        <xs:element ref="dm:area" />
        <xs:choice>
          <xs:element ref="dm:Sect.city" />
          <xs:element ref="dm:Sect.town" />
        </xs:choice>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="Sect.city" type="jps:IM_ObjectReference" />
<xs:element name="Sect.town" type="jps:IM_ObjectReference" />
<!-- 都市施設パッケージ -->
<!-- Fac -->
<xs:complexType name="Fac" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 都市施設</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature" />
  </xs:complexContent>
</xs:complexType>
<!-- RdFac -->
<xs:complexType name="RdFac" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 道路施設</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Fac">
      <xs:sequence>
        <xs:element ref="dm:st" minOccurs="0" maxOccurs="unbounded" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- RdInScale -->
<xs:complexType name="RdInScale">
  <xs:annotation>
    <xs:documentation>type of 真幅道路</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:RdFac">
      <xs:sequence>
        <xs:element ref="dm:area" />
        <xs:element ref="dm:RdInScale.elem" maxOccurs="unbounded" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>

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<xs:element name="RdInScale.elem">
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    <xs:attributeGroup ref="jps:IM_ObjectReference" />
  </xs:complexType>
</xs:element>
<!-- RdInScale.elem group -->
<xs:group name="RdInScale.elem">
  <xs:annotation>
    <xs:documentation>真幅道路の構成要素となり得る地物のグループ</xs:documentation>
  </xs:annotation>
  <xs:choice>
    <xs:element ref="dm:MargRdInScale" />
    <xs:element ref="dm:MargStoneSteps" />
    <xs:element ref="dm:SupBd" />
  </xs:choice>
</xs:group>
<!-- Footpath -->
<xs:complexType name="Footpath">
  <xs:annotation>
    <xs:documentation>type of 徒歩道</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:RdFac">
      <xs:sequence>
        <xs:element ref="dm:locs" />
        <xs:element ref="dm:Footpath.elem" minOccurs="0" maxOccurs="unbounded" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="Footpath.elem">
  <xs:annotation>
    <xs:documentation>徒歩道の徒歩道中心線への集成関連</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="dm:CFootpath" minOccurs="0" />
    </xs:sequence>
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
  </xs:complexType>
</xs:element>
<!-- RailrdFac -->
<xs:complexType name="RailrdFac" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 鉄道施設</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Fac" />
  </xs:complexContent>
</xs:complexType>
<!-- St -->
<xs:complexType name="St">
  <xs:annotation>
    <xs:documentation>type of 駅</xs:documentation>
  </xs:annotation>
  <xs:complexContent>

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    <xs:extension base="dm:RailrdFac">
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        <xs:element ref="dm:area" />
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    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="St.railrd" type="dm:ref_Railrd" />
<xs:element name="St.rdFac" type="dm:ref_RdFac" />
<!-- Railrd -->
<xs:complexType name="Railrd" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 路線</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:RailrdFac">
      <xs:sequence>
        <xs:element ref="dm:locs" />
        <xs:element ref="dm:st" maxOccurs="unbounded" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- ComRailrd -->
<xs:complexType name="ComRailrd">
  <xs:annotation>
    <xs:documentation>type of 普通鉄道</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Railrd">
      <xs:sequence>
        <xs:element ref="dm:ComRailrd.elem" maxOccurs="unbounded" />
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    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="ComRailrd.elem">
  <xs:annotation>
    <xs:documentation>普通鉄道の普通鉄道中心線への集成関連</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="dm:CComRailrd" minOccurs="0" />
    </xs:sequence>
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
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</xs:element>
<!-- SpecialRailrd -->
<xs:complexType name="SpecialRailrd">
  <xs:annotation>
    <xs:documentation>type of 特殊軌道</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Railrd">
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      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>

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        </xs:extension>
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</xs:complexType>
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    </xs:annotation>
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        </xs:sequence>
        <xs:attributeGroup ref="jps:IM_ObjectReference" />
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</xs:element>
<!-- Streetcar -->
<xs:complexType name="Streetcar">
    <xs:annotation>
        <xs:documentation>type of 路面の鉄道</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Railrd">
            <xs:sequence>
                <xs:element ref="dm:Streetcar.elem" maxOccurs="unbounded" />
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        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<xs:element name="Streetcar.elem">
    <xs:annotation>
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    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
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        </xs:sequence>
        <xs:attributeGroup ref="jps:IM_ObjectReference" />
    </xs:complexType>
</xs:element>
<!-- Bld -->
<xs:complexType name="Bld" abstract="true">
    <xs:annotation>
        <xs:documentation>type of 建物</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Fac">
            <xs:sequence>
                <xs:element ref="dm:area" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<!-- ComBld -->
<xs:complexType name="ComBld">
    <xs:annotation>
        <xs:documentation>type of 普通建物</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Bld">
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        <xs:element ref="dm:ComBld.elem" maxOccurs="unbounded" />
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</xs:complexContent>
</xs:complexType>
<xs:element name="ComBld.elem">
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    </xs:annotation>
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        <xs:sequence>
            <xs:element ref="dm:OIComBld" minOccurs="0" />
        </xs:sequence>
        <xs:attributeGroup ref="jps:IM_ObjectReference" />
    </xs:complexType>
</xs:element>
<!-- SolidBld -->
<xs:complexType name="SolidBld">
    <xs:annotation>
        <xs:documentation>type of 堅ろう建物</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Bld">
            <xs:sequence>
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        <xs:attributeGroup ref="jps:IM_ObjectReference" />
    </xs:complexType>
</xs:element>
<!-- ComWlessBld -->
<xs:complexType name="ComWlessBld">
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        <xs:documentation>type of 普通無壁舎</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
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            <xs:sequence>
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        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<xs:element name="ComWlessBld.elem">
    <xs:annotation>
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    </xs:annotation>
    <xs:complexType>
        <xs:sequence>

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        <xs:element ref="dm:OIComWlessBld" minOccurs="0" />
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    <xs:attributeGroup ref="jps:IM_ObjectReference" />
</xs:complexType>
</xs:element>
<!-- SolidWlessBld -->
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    <xs:annotation>
        <xs:documentation>type of 堅ろう無壁舎</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Bld">
            <xs:sequence>
                <xs:element ref="dm:SolidWlessBld.elem" minOccurs="0" maxOccurs="unbounded" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<xs:element name="SolidWlessBld.elem">
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    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
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        </xs:sequence>
        <xs:attributeGroup ref="jps:IM_ObjectReference" />
    </xs:complexType>
</xs:element>
<!-- WaterArea -->
<xs:complexType name="WaterArea">
    <xs:annotation>
        <xs:documentation>type of 水域</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Fac">
            <xs:sequence>
                <xs:element ref="dm:area" />
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            </xs:sequence>
        </xs:extension>
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        <xs:attributeGroup ref="jps:IM_ObjectReference" />
    </xs:complexType>
</xs:element>
<!-- WaterArea.elem group -->
<xs:group name="WaterArea.elem">
    <xs:annotation>
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    </xs:annotation>
    <xs:choice>
        <xs:element ref="dm:Shoreline" />
        <xs:element ref="dm:SupBd" />
    </xs:choice>
</xs:group>

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    </xs:choice>
</xs:group>
<!-- Park -->
<xs:complexType name="Park">
  <xs:annotation>
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  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Fac">
      <xs:sequence>
        <xs:element ref="dm:area" />
        <xs:element name="Park.class" type="dm:ClassOfPark" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- 行政界パッケージ -->
<!-- AdminBd -->
<xs:complexType name="AdminBd" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 行政界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- PrefBd -->
<xs:complexType name="PrefBd">
  <xs:annotation>
    <xs:documentation>type of 都府県界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:AdminBd" />
  </xs:complexContent>
</xs:complexType>
<!-- BdBrHokkaido -->
<xs:complexType name="BdBrHokkaido">
  <xs:annotation>
    <xs:documentation>type of 北海道の支庁界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:AdminBd" />
  </xs:complexContent>
</xs:complexType>
<!-- BdCity -->
<xs:complexType name="BdCity">
  <xs:annotation>
    <xs:documentation>type of 郡・市・東京都の区界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:AdminBd" />
  </xs:complexContent>
</xs:complexType>
<!-- BdTown -->

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<xs:complexType name="BdTown">
  <xs:annotation>
    <xs:documentation>type of 町村・指定都市の区界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:AdminBd" />
  </xs:complexContent>
</xs:complexType>
<!-- BdSect -->
<xs:complexType name="BdSect">
  <xs:annotation>
    <xs:documentation>type of 大字・町(丁)界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:AdminBd" />
  </xs:complexContent>
</xs:complexType>
<!-- 道路パッケージ -->
<!-- MargCRd -->
<xs:complexType name="MargCRd" abstract="true">
  <xs:annotation>
    <xs:documentation>type of道路境界・中心線</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- MargRdInScale -->
<xs:complexType name="MargRdInScale">
  <xs:annotation>
    <xs:documentation>type of 真幅道路境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargCRd">
      <xs:sequence/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- CLightCarRd -->
<xs:complexType name="CLightCarRd">
  <xs:annotation>
    <xs:documentation>type of 軽車道中心線</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargCRd" />
  </xs:complexContent>
</xs:complexType>
<!-- CFootpath -->
<xs:complexType name="CFootpath">
  <xs:annotation>
    <xs:documentation>type of 徒歩道中心線</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargCRd" />
  </xs:complexContent>

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    </xs:complexContent>
</xs:complexType>
<!-- MargGardenPath -->
<xs:complexType name="MargGardenPath">
  <xs:annotation>
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  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargCRd" />
  </xs:complexContent>
</xs:complexType>
<!-- MargUnderCon -->
<xs:complexType name="MargUnderCon">
  <xs:annotation>
    <xs:documentation>type of 建設中の道路境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargCRd" />
  </xs:complexContent>
</xs:complexType>
<!-- 道路施設パッケージ -->
<!-- MargRdFac -->
<xs:complexType name="MargRdFac">
  <xs:annotation>
    <xs:documentation>type of 道路施設境界・中心線</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
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    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- MargRdBridge -->
<xs:complexType name="MargRdBridge">
  <xs:annotation>
    <xs:documentation>type of 道路橋境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRdFac">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- CFootbridge -->
<xs:complexType name="CFootbridge">
  <xs:annotation>
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  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRdFac">
      <xs:sequence>
        <xs:element ref="dm:loc" />
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    </xs:extension>
  </xs:complexContent>

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</xs:complexType>
<!-- MargCrosswalk -->
<xs:complexType name="MargCrosswalk">
  <xs:annotation>
    <xs:documentation>type of 横断歩道境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRdFac">
      <xs:sequence>
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    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- MargSidewalk -->
<xs:complexType name="MargSidewalk">
  <xs:annotation>
    <xs:documentation>type of 歩道境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRdFac">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- MargStoneSteps -->
<xs:complexType name="MargStoneSteps">
  <xs:annotation>
    <xs:documentation>type of 石段境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRdFac">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- OIEntranceUnderground -->
<xs:complexType name="OIEntranceUnderground">
  <xs:annotation>
    <xs:documentation>type of 地下街・地下鉄等出入り口境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRdFac">
      <xs:sequence>
        <xs:element ref="dm:loc" />
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    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- MouthRdTunnel -->
<xs:complexType name="MouthRdTunnel">
  <xs:annotation>
    <xs:documentation>type of 道路のトンネル坑口</xs:documentation>
  </xs:annotation>
  <xs:complexContent>

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    <xs:extension base="dm:MargRdFac">
      <xs:sequence>
        <xs:element ref="dm:loc" minOccurs="0" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- OIDividerStrip -->
<xs:complexType name="OIDividerStrip">
  <xs:annotation>
    <xs:documentation>type of 分離帯境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRdFac">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- OISnowshedRd -->
<xs:complexType name="OISnowshedRd">
  <xs:annotation>
    <xs:documentation>type of 道路の雪覆い等境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRdFac">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- RowOfTrees -->
<xs:complexType name="RowOfTrees">
  <xs:annotation>
    <xs:documentation>type of 並木</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRdFac">
      <xs:sequence>
        <xs:element ref="dm:pos" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- 鉄道パッケージ -->
<!-- MargCRailrd -->
<xs:complexType name="MargCRailrd">
  <xs:annotation>
    <xs:documentation>type of 鉄道境界・中心線</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>

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    </xs:complexContent>
</xs:complexType>
<!-- CComRailrd -->
<xs:complexType name="CComRailrd">
  <xs:annotation>
    <xs:documentation>type of 普通鉄道中心線</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargCRailrd" />
  </xs:complexContent>
</xs:complexType>
<!-- CStreetcar -->
<xs:complexType name="CStreetcar">
  <xs:annotation>
    <xs:documentation>type of 路面の鉄道中心線</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargCRailrd" />
  </xs:complexContent>
</xs:complexType>
<!-- CSpecialRailrd -->
<xs:complexType name="CSpecialRailrd">
  <xs:annotation>
    <xs:documentation>type of 特殊軌道中心線</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargCRailrd" />
  </xs:complexContent>
</xs:complexType>
<!-- RopewayLine -->
<xs:complexType name="RopewayLine">
  <xs:annotation>
    <xs:documentation>type of 索道線</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargCRailrd" />
  </xs:complexContent>
</xs:complexType>
<!-- MargRailrdUnderCon -->
<xs:complexType name="MargRailrdUnderCon">
  <xs:annotation>
    <xs:documentation>type of 建設中の鉄道境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargCRailrd" />
  </xs:complexContent>
</xs:complexType>
<!-- 鉄道施設パッケージ -->
<!-- MargRailrdFac -->
<xs:complexType name="MargRailrdFac" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 鉄道施設境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>

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    </xs:complexContent>
</xs:complexType>
<!-- MargRailrdBridge -->
<xs:complexType name="MargRailrdBridge">
  <xs:annotation>
    <xs:documentation>type of 鉄道橋境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRailrdFac">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- MargOverbridge -->
<xs:complexType name="MargOverbridge">
  <xs:annotation>
    <xs:documentation>type of 跨線橋境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRailrdFac">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- MouthRailrdTunnel -->
<xs:complexType name="MouthRailrdTunnel">
  <xs:annotation>
    <xs:documentation>type of 鉄道のトンネル坑口</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRailrdFac">
      <xs:sequence>
        <xs:element ref="dm:loc" minOccurs="0" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- OIStoppingPlace -->
<xs:complexType name="OIStoppingPlace">
  <xs:annotation>
    <xs:documentation>type of 停留所境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRailrdFac">
      <xs:sequence>
        <xs:element ref="dm:loc" minOccurs="0" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- OIPlatform -->
<xs:complexType name="OIPlatform">
  <xs:annotation>
    <xs:documentation>type of プラットホーム境界</xs:documentation>
  </xs:annotation>

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<xs:complexContent>
  <xs:extension base="dm:MargRailrdFac">
    <xs:sequence>
      <xs:element ref="dm:loc" minOccurs="0"/>
    </xs:sequence>
  </xs:extension>
</xs:complexContent>
</xs:complexType>
<!-- OISnowshedRailrd -->
<xs:complexType name="OISnowshedRailrd">
  <xs:annotation>
    <xs:documentation>type of 鉄道の雪覆い等境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MargRailrdFac">
      <xs:sequence>
        <xs:element ref="dm:loc" minOccurs="0"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- 建物パッケージ -->
<!-- OIBld -->
<xs:complexType name="OIBld" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 建物境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility"/>
        <xs:element ref="dm:loc"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- OIComBld -->
<xs:complexType name="OIComBld">
  <xs:annotation>
    <xs:documentation>type of 普通建物境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:OIBld"/>
  </xs:complexContent>
</xs:complexType>
<!-- OISolidBld -->
<xs:complexType name="OISolidBld">
  <xs:annotation>
    <xs:documentation>type of 堅ろう建物境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:OIBld"/>
  </xs:complexContent>
</xs:complexType>
<!-- OISolidWlessBld -->
<xs:complexType name="OISolidWlessBld">
  <xs:annotation>
    <xs:documentation>type of 普通無壁舎境界</xs:documentation>
  </xs:annotation>

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    <xs:complexContent>
      <xs:extension base="dm:OIbld" />
    </xs:complexContent>
  </xs:complexType>
<!-- OIComWlessBld -->
<xs:complexType name="OIComWlessBld">
  <xs:annotation>
    <xs:documentation>type of 堅ろう無壁舎境界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:OIbld" />
  </xs:complexContent>
</xs:complexType>
<!-- 建物付属物パッケージ -->
<!-- FacBld -->
<xs:complexType name="FacBld" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 建物付属物</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- HouseTypeGate -->
<xs:complexType name="HouseTypeGate">
  <xs:annotation>
    <xs:documentation>type of 屋門</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:FacBld">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- Gate -->
<xs:complexType name="Gate">
  <xs:annotation>
    <xs:documentation>type of 門</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:FacBld">
      <xs:sequence>
        <xs:element ref="dm:loc" minOccurs="0" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- 小物体パッケージ -->
<!-- SmallObject -->
<xs:complexType name="SmallObject" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 小物体</xs:documentation>
  </xs:annotation>

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<xs:complexContent>
  <xs:extension base="dm:Feature">
    <xs:sequence>
      <xs:element name="visibility" type="dm:Visibility"/>
    </xs:sequence>
  </xs:extension>
</xs:complexContent>
</xs:complexType>
<!-- Gravestone -->
<xs:complexType name="Gravestone">
  <xs:annotation>
    <xs:documentation>type of 墓碑</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject">
      <xs:sequence>
        <xs:element ref="dm:pos" minOccurs="0"/>
        <xs:element ref="dm:loc" minOccurs="0"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- Monument -->
<xs:complexType name="Monument">
  <xs:annotation>
    <xs:documentation>type of 記念碑</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject">
      <xs:sequence>
        <xs:element ref="dm:pos" minOccurs="0"/>
        <xs:element ref="dm:loc" minOccurs="0"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- Statue -->
<xs:complexType name="Statue">
  <xs:annotation>
    <xs:documentation>type of 立像</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject">
      <xs:sequence>
        <xs:element ref="dm:pos" minOccurs="0"/>
        <xs:element ref="dm:loc" minOccurs="0"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- WaysideShrine -->
<xs:complexType name="WaysideShrine">
  <xs:annotation>
    <xs:documentation>type of 路傍祠</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject">
      <xs:sequence>
        <xs:element ref="dm:pos" minOccurs="0"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>

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        <xs:element ref="dm:loc" minOccurs="0" />
    </xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
<!-- Lantern -->
<xs:complexType name="Lantern">
    <xs:annotation>
        <xs:documentation>type of 灯籠</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:SmallObject">
            <xs:sequence>
                <xs:element ref="dm:pos" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<!-- Torii -->
<xs:complexType name="Torii">
    <xs:annotation>
        <xs:documentation>type of 鳥居</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:SmallObject">
            <xs:sequence>
                <xs:element ref="dm:loc" minOccurs="0" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<!-- Pit -->
<xs:complexType name="Pit">
    <xs:annotation>
        <xs:documentation>type of 坑口</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:SmallObject">
            <xs:sequence>
                <xs:element ref="dm:loc" minOccurs="0" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<!-- BroadleavedTree -->
<xs:complexType name="BroadleavedTree">
    <xs:annotation>
        <xs:documentation>type of 独立樹(広葉樹)</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:SmallObject">
            <xs:sequence>
                <xs:element ref="dm:pos" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<!-- NeedleLeavedTree -->
<xs:complexType name="NeedleLeavedTree">

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<xs:annotation>
  <xs:documentation>type of 独立樹(針葉樹)</xs:documentation>
</xs:annotation>
<xs:complexContent>
  <xs:extension base="dm:SmallObject">
    <xs:sequence>
      <xs:element ref="dm:pos" />
    </xs:sequence>
  </xs:extension>
</xs:complexContent>
</xs:complexType>
<!-- OilGasWell -->
<xs:complexType name="OilGasWell">
  <xs:annotation>
    <xs:documentation>type of 油井・ガス井</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject" />
  </xs:complexContent>
</xs:complexType>
<!-- Crane -->
<xs:complexType name="Crane">
  <xs:annotation>
    <xs:documentation>type of 起重機</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject">
      <xs:sequence>
        <xs:element ref="dm:loc" minOccurs="0" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- Tank -->
<xs:complexType name="Tank">
  <xs:annotation>
    <xs:documentation>type of タンク</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject">
      <xs:sequence>
        <xs:element ref="dm:loc" minOccurs="0" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- Chimney -->
<xs:complexType name="Chimney">
  <xs:annotation>
    <xs:documentation>type of 煙突</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject">
      <xs:sequence>
        <xs:element ref="dm:loc" minOccurs="0" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>

```

```

<!-- HighTower -->
<xs:complexType name="HighTower">
  <xs:annotation>
    <xs:documentation>type of 高塔</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject">
      <xs:sequence>
        <xs:element ref="dm:loc" minOccurs="0"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- ElectricTower -->
<xs:complexType name="ElectricTower">
  <xs:annotation>
    <xs:documentation>type of 電波塔</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject">
      <xs:sequence>
        <xs:element ref="dm:loc" minOccurs="0"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- Lighthouse -->
<xs:complexType name="Lighthouse">
  <xs:annotation>
    <xs:documentation>type of 灯台</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject">
      <xs:sequence>
        <xs:element ref="dm:loc" minOccurs="0"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- LightBuoy -->
<xs:complexType name="LightBuoy">
  <xs:annotation>
    <xs:documentation>type of 灯標</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject"/>
  </xs:complexContent>
</xs:complexType>
<!-- WaterObservatory -->
<xs:complexType name="WaterObservatory">
  <xs:annotation>
    <xs:documentation>type of 水位観測所</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject"/>
  </xs:complexContent>
</xs:complexType>
<!-- SurfacePipeline -->
<xs:complexType name="SurfacePipeline">

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```

<xs:annotation>
  <xs:documentation>type of 輸送管(地上)</xs:documentation>
</xs:annotation>
<xs:complexContent>
  <xs:extension base="dm:SmallObject">
    <xs:sequence>
      <xs:element ref="dm:loc" />
    </xs:sequence>
  </xs:extension>
</xs:complexContent>
</xs:complexType>
<!-- ElevatedPipeline -->
<xs:complexType name="ElevatedPipeline">
  <xs:annotation>
    <xs:documentation>type of 輸送管(空間)</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- PowerLine -->
<xs:complexType name="PowerLine">
  <xs:annotation>
    <xs:documentation>type of 送電線</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:SmallObject">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- 水部パッケージ -->
<!-- Water -->
<xs:complexType name="Water" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 水部</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
        <xs:element ref="dm:loc" minOccurs="0" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- Shoreline -->
<xs:complexType name="Shoreline">
  <xs:annotation>
    <xs:documentation>type of 水涯線(河川・海岸線・湖池等)</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Water">

```



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        <xs:sequence>
            <xs:element name="Shoreline.class" type="dm:ClassOfShoreline" />
        </xs:sequence>
    </xs:extension>
</xs:complexContent>
</xs:complexType>
<!-- SingleLineStream -->
<xs:complexType name="SingleLineStream">
    <xs:annotation>
        <xs:documentation>type of 一条河川</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Water" />
    </xs:complexContent>
</xs:complexType>
<!-- DriedUpRiver -->
<xs:complexType name="DriedUpRiver">
    <xs:annotation>
        <xs:documentation>type of かれ川</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Water" />
    </xs:complexContent>
</xs:complexType>
<!-- Harbor -->
<xs:complexType name="Harbor">
    <xs:annotation>
        <xs:documentation>type of 内湾、港</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Water" />
    </xs:complexContent>
</xs:complexType>
<!-- Cape -->
<xs:complexType name="Cape">
    <xs:annotation>
        <xs:documentation>type of 岬、崎、鼻、岩礁</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Water" />
    </xs:complexContent>
</xs:complexType>
<!-- RivBk -->
<xs:complexType name="RivBk">
    <xs:annotation>
        <xs:documentation>type of 河岸、河原、洲、滝、浜、磯</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Water" />
    </xs:complexContent>
</xs:complexType>
<!-- Island -->
<xs:complexType name="Island">
    <xs:annotation>
        <xs:documentation>type of 島</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Water" />
    </xs:complexContent>
</xs:complexType>

```

```

</xs:complexType>
<!-- 水部の構造物パッケージ -->
<!-- WaterStructure -->
<xs:complexType name="WaterStructure" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 水部の構造物</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- SteelConcretePier -->
<xs:complexType name="SteelConcretePier">
  <xs:annotation>
    <xs:documentation>type of 棧橋(鉄・コンクリート)</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:WaterStructure">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- WoodFloatPier -->
<xs:complexType name="WoodFloatPier">
  <xs:annotation>
    <xs:documentation>type of 棧橋(木製・浮棧橋)</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:WaterStructure">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- Brakewater -->
<xs:complexType name="Brakewater">
  <xs:annotation>
    <xs:documentation>type of 防波堤</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:WaterStructure">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- Ferry -->
<xs:complexType name="Ferry">
  <xs:annotation>
    <xs:documentation>type of 渡船発着場</xs:documentation>
  </xs:annotation>

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    <xs:complexContent>
      <xs:extension base="dm:WaterStructure" />
    </xs:complexContent>
  </xs:complexType>
  <!-- Dam -->
  <xs:complexType name="Dam">
    <xs:annotation>
      <xs:documentation>type of ダム</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
      <xs:extension base="dm:WaterStructure">
        <xs:sequence>
          <xs:element ref="dm:loc" />
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <!-- WaterFall -->
  <xs:complexType name="WaterFall">
    <xs:annotation>
      <xs:documentation>type of 滝</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
      <xs:extension base="dm:WaterStructure">
        <xs:sequence>
          <xs:element ref="dm:loc" minOccurs="0" />
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <!-- Weir -->
  <xs:complexType name="Weir">
    <xs:annotation>
      <xs:documentation>type of せき</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
      <xs:extension base="dm:WaterStructure">
        <xs:sequence>
          <xs:element ref="dm:loc" minOccurs="0" />
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <!-- WaterGate -->
  <xs:complexType name="WaterGate">
    <xs:annotation>
      <xs:documentation>type of 水門</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
      <xs:extension base="dm:WaterStructure">
        <xs:sequence>
          <xs:element ref="dm:loc" minOccurs="0" />
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <!-- ImperStarling -->
  <xs:complexType name="ImperStarling">
    <xs:annotation>

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    <xs:documentation>type of 不透過水制</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:WaterStructure">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- PerStarling -->
<xs:complexType name="PerStarling">
  <xs:annotation>
    <xs:documentation>type of 透過水制</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:WaterStructure">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- StoneSlope -->
<xs:complexType name="StoneSlope">
  <xs:annotation>
    <xs:documentation>type of 敷石斜坂</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:WaterStructure">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- 構囲等パッケージ -->
<!-- Enclosure -->
<xs:complexType name="Enclosure" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 構囲等</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- ArtificialSlope -->
<xs:complexType name="ArtificialSlope">
  <xs:annotation>
    <xs:documentation>type of 人工斜面</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Enclosure" />
  </xs:complexContent>

```

```

</xs:complexType>
<!-- Bank -->
<xs:complexType name="Bank">
  <xs:annotation>
    <xs:documentation>type of 土堤等</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Enclosure" />
  </xs:complexContent>
</xs:complexType>
<!-- Covering -->
<xs:complexType name="Covering">
  <xs:annotation>
    <xs:documentation>type of 被覆</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Enclosure" />
  </xs:complexContent>
</xs:complexType>
<!-- Fence -->
<xs:complexType name="Fence">
  <xs:annotation>
    <xs:documentation>type of かき</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Enclosure" />
  </xs:complexContent>
</xs:complexType>
<!-- Wall -->
<xs:complexType name="Wall">
  <xs:annotation>
    <xs:documentation>type of へい</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Enclosure" />
  </xs:complexContent>
</xs:complexType>
<!-- 場地パッケージ -->
<!-- MscLands -->
<xs:complexType name="MscLands">
  <xs:annotation>
    <xs:documentation>type of 場地</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- BdSite -->
<xs:complexType name="BdSite">
  <xs:annotation>
    <xs:documentation>type of 区域界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MscLands">
      <xs:sequence>

```

```

        <xs:element ref="dm:loc" />
    </xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
<!-- ParkingLot -->
<xs:complexType name="ParkingLot">
    <xs:annotation>
        <xs:documentation>type of 駐車場</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:MscLands" />
    </xs:complexContent>
</xs:complexType>
<!-- Garden -->
<xs:complexType name="Garden">
    <xs:annotation>
        <xs:documentation>type of 園庭</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:MscLands" />
    </xs:complexContent>
</xs:complexType>
<!-- Cemetery -->
<xs:complexType name="Cemetery">
    <xs:annotation>
        <xs:documentation>type of 墓地</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:MscLands" />
    </xs:complexContent>
</xs:complexType>
<!-- YardOfMaterials -->
<xs:complexType name="YardOfMaterials">
    <xs:annotation>
        <xs:documentation>type of 材料置場</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:MscLands" />
    </xs:complexContent>
</xs:complexType>
<!-- Crater -->
<xs:complexType name="Crater">
    <xs:annotation>
        <xs:documentation>type of 噴火口・噴気口</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:MscLands" />
    </xs:complexContent>
</xs:complexType>
<!-- HotSpring -->
<xs:complexType name="HotSpring">
    <xs:annotation>
        <xs:documentation>type of 温泉・鉱泉</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:MscLands" />
    </xs:complexContent>
</xs:complexType>

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<!-- 植生パッケージ -->
<!-- Veg -->
<xs:complexType name="Veg" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 植生</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- BorderVeg -->
<xs:complexType name="BorderVeg">
  <xs:annotation>
    <xs:documentation>type of 植生界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Veg">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- BdCultivatedLand -->
<xs:complexType name="BdCultivatedLand">
  <xs:annotation>
    <xs:documentation>type of 耕地界</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Veg">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- RiceFd -->
<xs:complexType name="RiceFd">
  <xs:annotation>
    <xs:documentation>type of 田</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Veg" />
  </xs:complexContent>
</xs:complexType>
<!-- Fd -->
<xs:complexType name="Fd">
  <xs:annotation>
    <xs:documentation>type of 畑</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Veg" />
  </xs:complexContent>
</xs:complexType>
<!-- SugarcaneFd -->

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<xs:complexType name="SugarcaneFd">
  <xs:annotation>
    <xs:documentation>type of さとうきび畑</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Veg" />
  </xs:complexContent>
</xs:complexType>
<!-- PineappleFd -->
<xs:complexType name="PineappleFd">
  <xs:annotation>
    <xs:documentation>type of パイナップル畑</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Veg" />
  </xs:complexContent>
</xs:complexType>
<!-- MulberryFd -->
<xs:complexType name="MulberryFd">
  <xs:annotation>
    <xs:documentation>type of 桑畑</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Veg" />
  </xs:complexContent>
</xs:complexType>
<!-- Orchard -->
<xs:complexType name="Orchard">
  <xs:annotation>
    <xs:documentation>type of 果樹園</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Veg" />
  </xs:complexContent>
</xs:complexType>
<!-- OtherArboretum -->
<xs:complexType name="OtherArboretum">
  <xs:annotation>
    <xs:documentation>type of その他の樹木畑</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Veg" />
  </xs:complexContent>
</xs:complexType>
<!-- TeaPlantation -->
<xs:complexType name="TeaPlantation">
  <xs:annotation>
    <xs:documentation>type of 茶畑</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Veg" />
  </xs:complexContent>
</xs:complexType>
<!-- Turf -->
<xs:complexType name="Turf">
  <xs:annotation>
    <xs:documentation>type of 芝地</xs:documentation>
  </xs:annotation>
  <xs:complexContent>

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        <xs:extension base="dm:Veg" />
    </xs:complexContent>
</xs:complexType>
<!-- BroadLeafForest -->
<xs:complexType name="BroadLeafForest">
    <xs:annotation>
        <xs:documentation>type of 広葉樹林</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Veg" />
    </xs:complexContent>
</xs:complexType>
<!-- NeedleLeafForest -->
<xs:complexType name="NeedleLeafForest">
    <xs:annotation>
        <xs:documentation>type of 針葉樹林</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Veg" />
    </xs:complexContent>
</xs:complexType>
<!-- BambooGrove -->
<xs:complexType name="BambooGrove">
    <xs:annotation>
        <xs:documentation>type of 竹林</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Veg" />
    </xs:complexContent>
</xs:complexType>
<!-- Wasteland -->
<xs:complexType name="Wasteland">
    <xs:annotation>
        <xs:documentation>type of 荒地</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Veg" />
    </xs:complexContent>
</xs:complexType>
<!-- CreepingPineBush -->
<xs:complexType name="CreepingPineBush">
    <xs:annotation>
        <xs:documentation>type of はい松地</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Veg" />
    </xs:complexContent>
</xs:complexType>
<!-- DwarfBambooBush -->
<xs:complexType name="DwarfBambooBush">
    <xs:annotation>
        <xs:documentation>type of しの地</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:Veg" />
    </xs:complexContent>
</xs:complexType>
<!-- PalmForest -->
<xs:complexType name="PalmForest">

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```

<xs:annotation>
  <xs:documentation>type of やし科樹木</xs:documentation>
</xs:annotation>
<xs:complexContent>
  <xs:extension base="dm:Veg" />
</xs:complexContent>
</xs:complexType>
<!-- Swamp -->
<xs:complexType name="Swamp">
  <xs:annotation>
    <xs:documentation>type of 湿地</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Veg" />
  </xs:complexContent>
</xs:complexType>
<!-- SandsAndGravels -->
<xs:complexType name="SandsAndGravels">
  <xs:annotation>
    <xs:documentation>type of 砂れき地</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Veg" />
  </xs:complexContent>
</xs:complexType>
<!-- 等高線パッケージ -->
<!-- Contour -->
<xs:complexType name="Contour" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 等高線</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
        <xs:element ref="dm:loc" />
        <xs:element name="altitude" type="jps:Decimal" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- ContourIndex -->
<xs:complexType name="ContourIndex">
  <xs:annotation>
    <xs:documentation>type of 等高線(計曲線)</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Contour" />
  </xs:complexContent>
</xs:complexType>
<!-- ContourInter -->
<xs:complexType name="ContourInter">
  <xs:annotation>
    <xs:documentation>type of 等高線(主曲線)</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Contour" />
  </xs:complexContent>
</xs:complexType>

```

```

<!-- ContourSup -->
<xs:complexType name="ContourSup">
  <xs:annotation>
    <xs:documentation>type of 等高線(補助曲線)</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Contour" />
  </xs:complexContent>
</xs:complexType>
<!-- DepGroundIndex -->
<xs:complexType name="DepGroundIndex">
  <xs:annotation>
    <xs:documentation>type of 凹地(計曲線)</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Contour" />
  </xs:complexContent>
</xs:complexType>
<!-- DepGroundInter -->
<xs:complexType name="DepGroundInter">
  <xs:annotation>
    <xs:documentation>type of 凹地(主曲線)</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Contour" />
  </xs:complexContent>
</xs:complexType>
<!-- DepGroundSup -->
<xs:complexType name="DepGroundSup">
  <xs:annotation>
    <xs:documentation>type of 凹地(補助曲線)</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Contour" />
  </xs:complexContent>
</xs:complexType>
<!-- 変形地 -->
<!-- DeformedLand -->
<xs:complexType name="DeformedLand" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 変形地</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- SoilCliff -->
<xs:complexType name="SoilCliff">
  <xs:annotation>
    <xs:documentation>type of 土がけ</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:DeformedLand">
      <xs:sequence>
        <xs:element ref="dm:loc" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>

```

```

        </xs:sequence>
    </xs:extension>
</xs:complexContent>
</xs:complexType>
<!-- RainCrack -->
<xs:complexType name="RainCrack">
    <xs:annotation>
        <xs:documentation>type of 雨裂</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:DeformedLand">
            <xs:sequence>
                <xs:element ref="dm:loc" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<!-- CaveMouth -->
<xs:complexType name="CaveMouth">
    <xs:annotation>
        <xs:documentation>type of 洞口</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:DeformedLand" />
    </xs:complexContent>
</xs:complexType>
<!-- RockCliff -->
<xs:complexType name="RockCliff">
    <xs:annotation>
        <xs:documentation>type of 岩がけ</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:DeformedLand">
            <xs:sequence>
                <xs:element ref="dm:loc" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<!-- BareRock -->
<xs:complexType name="BareRock">
    <xs:annotation>
        <xs:documentation>type of 露岩</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:DeformedLand">
            <xs:sequence>
                <xs:element ref="dm:loc" minOccurs="0" />
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
<!-- ScatteredRock -->
<xs:complexType name="ScatteredRock">
    <xs:annotation>
        <xs:documentation>type of 散岩</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:DeformedLand">

```

```

        <xs:sequence>
          <xs:element ref="dm:loc" minOccurs="0" />
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <!-- CoralReef -->
  <xs:complexType name="CoralReef">
    <xs:annotation>
      <xs:documentation>type of さんご礁</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
      <xs:extension base="dm:DeformedLand">
        <xs:sequence>
          <xs:element ref="dm:loc" minOccurs="0" />
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <!-- 山地パッケージ -->
  <!-- MtDist -->
  <xs:complexType name="MtDist" abstract="true">
    <xs:annotation>
      <xs:documentation>type of 山地</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
      <xs:extension base="dm:Feature">
        <xs:sequence>
          <xs:element name="visibility" type="dm:Visibility" />
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <!-- Mt -->
  <xs:complexType name="Mt">
    <xs:annotation>
      <xs:documentation>type of 山</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
      <xs:extension base="dm:MtDist" />
    </xs:complexContent>
  </xs:complexType>
  <!-- Pike -->
  <xs:complexType name="Pike">
    <xs:annotation>
      <xs:documentation>type of 尖峰、丘、塚</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
      <xs:extension base="dm:MtDist" />
    </xs:complexContent>
  </xs:complexType>
  <!-- BsMt -->
  <xs:complexType name="BsMt">
    <xs:annotation>
      <xs:documentation>type of 山麓</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
      <xs:extension base="dm:MtDist" />
    </xs:complexContent>
  </xs:complexType>

```

```

</xs:complexType>
<!-- Valley -->
<xs:complexType name="Valley">
  <xs:annotation>
    <xs:documentation>type of 谷、沢</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:MtDist" />
  </xs:complexContent>
</xs:complexType>
<!-- 基準点パッケージ -->
<!-- CP -->
<xs:complexType name="CP" abstract="true">
  <xs:annotation>
    <xs:documentation>type of 基準点</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:Feature">
      <xs:sequence>
        <xs:element name="visibility" type="dm:Visibility" />
        <xs:element ref="dm:pos" />
        <xs:element name="altitude" type="jps:Decimal" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<!-- TriP -->
<xs:complexType name="TriP">
  <xs:annotation>
    <xs:documentation>type of 三角点</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:CP" />
  </xs:complexContent>
</xs:complexType>
<!-- BenchMark -->
<xs:complexType name="BenchMark">
  <xs:annotation>
    <xs:documentation>type of 水準点</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:CP" />
  </xs:complexContent>
</xs:complexType>
<!-- MonumentedP -->
<xs:complexType name="MonumentedP">
  <xs:annotation>
    <xs:documentation>type of 多角点及び標石を有する図根点等</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="dm:CP" />
  </xs:complexContent>
</xs:complexType>
<!-- PublicTriP -->
<xs:complexType name="PublicTriP">
  <xs:annotation>
    <xs:documentation>type of 公共基準点(三角点)</xs:documentation>
  </xs:annotation>
  <xs:complexContent>

```

```

        <xs:extension base="dm:CP" />
    </xs:complexContent>
</xs:complexType>
<!-- PublicLevelP -->
<xs:complexType name="PublicLevelP">
    <xs:annotation>
        <xs:documentation>type of 公共基準点(水準点)</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:CP" />
    </xs:complexContent>
</xs:complexType>
<!-- GPSCP -->
<xs:complexType name="GPSCP">
    <xs:annotation>
        <xs:documentation>type of 電子基準点</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:CP" />
    </xs:complexContent>
</xs:complexType>
<!-- PublicGPSCP -->
<xs:complexType name="PublicGPSCP">
    <xs:annotation>
        <xs:documentation>type of 公共電子基準点</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:CP" />
    </xs:complexContent>
</xs:complexType>
<!-- SpotHeightWithoutMonument -->
<xs:complexType name="SpotHeightWithoutMonument">
    <xs:annotation>
        <xs:documentation>type of 標石を有しない標高点</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:CP" />
    </xs:complexContent>
</xs:complexType>
<!-- SpotHeightPhotogrametric -->
<xs:complexType name="SpotHeightPhotogrametric">
    <xs:annotation>
        <xs:documentation>type of 図化機測定による標高点</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
        <xs:extension base="dm:CP" />
    </xs:complexContent>
</xs:complexType>
<!-- ===== simpleType Declaration ===== -->
<!-- Visibility -->
<xs:simpleType name="Visibility">
    <xs:restriction base="jps:CharacterString">
        <xs:enumeration value="可視" />
        <xs:enumeration value="不可視" />
    </xs:restriction>
</xs:simpleType>
<!-- ClassOfPark -->
<xs:simpleType name="ClassOfPark">
    <xs:restriction base="jps:CharacterString">

```

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        <xs:enumeration value="都市計画公園" />
        <xs:enumeration value="都市計画公園以外の公共の公園" />
    </xs:restriction>
</xs:simpleType>
<!-- ClassOfShoreline -->
<xs:simpleType name="ClassOfShoreline">
    <xs:restriction base="jps:CharacterString">
        <xs:enumeration value="河川" />
        <xs:enumeration value="海岸線" />
        <xs:enumeration value="湖池等" />
        <xs:enumeration value="未分類" />
    </xs:restriction>
</xs:simpleType>
<!-- ===== Object Reference===== -->
<!-- Feature -->
<xs:complexType name="ref_Feature">
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
</xs:complexType>
<!-- RdFac -->
<xs:complexType name="ref_RdFac">
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
</xs:complexType>
<!-- St -->
<xs:complexType name="ref_St">
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
</xs:complexType>
<!-- Railrd -->
<xs:complexType name="ref_Railrd">
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
</xs:complexType>
<!-- RS_Identifier -->
<xs:complexType name="ref_RS_Identifier">
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
</xs:complexType>
<!-- GM_Point -->
<xs:complexType name="ref_GM_Point">
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
</xs:complexType>
<!-- GM_LineString -->
<xs:complexType name="ref_GM_Curve">
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
</xs:complexType>
<!-- GM_CompositeCurve -->
<xs:complexType name="ref_GM_CompositeCurve">
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
</xs:complexType>
<!-- GM_Surface -->
<xs:complexType name="ref_GM_Surface">
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
</xs:complexType>
<!-- TM_Period -->
<xs:complexType name="ref_TM_Period">
    <xs:attributeGroup ref="jps:IM_ObjectReference" />
</xs:complexType>
</xs:schema>

```