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<definitions xmlns="http://schemas.xmlsoap.org/wsdl/"
    xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
    xmlns:tns="http://ws.ext.sirio/signalInsert"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema" name="ViolationsService"
    targetNamespace="http://ws.ext.sirio/signalInsert">
    <types>
        <xs:schema xmlns:tns="http://ws.ext.sirio/signalInsert"
            xmlns:xsd="http://www.w3.org/2001/XMLSchema"
            elementFormDefault="qualified"
            targetNamespace="http://ws.ext.sirio/signalInsert"
            version="1.0">
            <xs:element name="insertSignal" nillable="true"
                type="tns:insertSignalRequest" />
            <xs:element name="insertSignalRequest"
                type="tns:insertSignalRequest" />
            <xs:element name="insertSignalResponse"
                type="tns:insertSignalResponse" />
            <xs:complexType name="insertSignalRequest">
                <xs:sequence>
                    <xs:element name="transit"
                        type="tns:transit" />
                </xs:sequence>
            </xs:complexType>
            <xs:complexType name="transit">
                <xs:sequence>
                    <xs:element name="ocr" type="tns:ocr" />
                    <xs:element minOccurs="0"
                        name="imageList">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element
                                        maxOccurs="unbounded" minOccurs="0"
                                        name="imageData" type="tns:imageData" />
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                    <xs:element name="listCheck"
                        type="tns:listCheck" />
                    <xs:element name="measurements"
                        type="tns:measurements" />
                </xs:sequence>
            </xs:complexType>
            <xs:attribute name="id" type="xsd:string"
                use="required" />
            <xs:attribute name="dateTime" type="xsd:dateTime"
                use="required" />
            <xs:attribute name="gateId" type="xsd:int"
                use="required" />
            </xs:complexType>
            <xs:complexType name="ocr">
                <xs:sequence>
                    <xs:element maxOccurs="10" minOccurs="0"
                        name="char"
                        type="tns:char" />
                </xs:sequence>
            </xs:complexType>
        </xs:schema>
    </types>

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        </xs:sequence>
        <xs:attribute name="plate" use="required">
            <xs:simpleType>
                <xs:restriction
base="xs:string">
                    <xs:maxLength value="10"
/>
                    <xs:minLength value="0"
/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="country" type="tns:country"
/>
        <xs:attribute name="xpos">
            <xs:simpleType>
                <xs:restriction base="xs:int">
                    <xs:minInclusive
value="0" />
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="ypos">
            <xs:simpleType>
                <xs:restriction base="xs:int">
                    <xs:minInclusive
value="0" />
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="width">
            <xs:simpleType>
                <xs:restriction base="xs:int">
                    <xs:minInclusive
value="0" />
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="height">
            <xs:simpleType>
                <xs:restriction base="xs:int">
                    <xs:minInclusive
value="0" />
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
    <xs:complexType name="char">
        <xs:sequence />
        <xs:attribute name="decode" use="required">
            <xs:simpleType>
                <xs:restriction
base="xs:string">
                    <xs:length value="1" />

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        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
<xs:attribute name="confidence" use="required">
    <xs:simpleType>
        <xs:restriction base="xs:short">
            <xs:minInclusive
value="0" />
            <xs:maxInclusive
value="100" />
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
</xs:complexType>
<xs:complexType name="imageData">
    <xs:sequence>
        <xs:element
xmlns:ns1="http://www.w3.org/2005/05/xmlmime"
            name="image"
ns1:expectedContentTypes="image/jpeg" type="xs:base64Binary" />
    </xs:sequence>
    <xs:attribute name="type" type="tns:typeImage"
use="required" />
    <xs:attribute name="width">
        <xs:simpleType>
            <xs:restriction base="xs:int">
                <xs:minInclusive
value="0" />
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="height">
        <xs:simpleType>
            <xs:restriction base="xs:int">
                <xs:minInclusive
value="0" />
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="compression">
        <xs:simpleType>
            <xs:restriction base="xs:short">
                <xs:minInclusive
value="0" />
                <xs:maxInclusive
value="100" />
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
</xs:complexType>
<xs:complexType name="listCheck">
    <xs:sequence>
        <xs:element name="notSanctionableTime"
type="xs:boolean" />

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type="xs:boolean" />
type="xs:boolean" />
type="xs:boolean" use="required" />
name="directionForward" type="xs:boolean" />
type="xs:int" />
/>
type="tns:classSize" />
value="0" />
value="0" />
type="xs:int" />

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        <xs:enumeration value="D" />
        <xs:enumeration value="CH" />
        <xs:enumeration value="AL" />
        <xs:enumeration value="A" />
        <xs:enumeration value="B" />
        <xs:enumeration value="BI" />
        <xs:enumeration value="BIH" />
        <xs:enumeration value="BG" />
        <xs:enumeration value="CZ" />
        <xs:enumeration value="CS" />
        <xs:enumeration value="CY" />
        <xs:enumeration value="V" />
        <xs:enumeration value="HR" />
        <xs:enumeration value="DK" />
        <xs:enumeration value="EST" />
        <xs:enumeration value="FIN" />
        <xs:enumeration value="GBZ" />
        <xs:enumeration value="GB" />
        <xs:enumeration value="GR" />
        <xs:enumeration value="GRL" />
        <xs:enumeration value="IRL" />
        <xs:enumeration value="IS" />
        <xs:enumeration value="RKS" />
        <xs:enumeration value="LV" />
        <xs:enumeration value="FL" />
        <xs:enumeration value="LT" />
        <xs:enumeration value="L" />
        <xs:enumeration value="M" />
        <xs:enumeration value="GBM" />
        <xs:enumeration value="MD" />
        <xs:enumeration value="MC" />
        <xs:enumeration value="MNE" />
        <xs:enumeration value="N" />
        <xs:enumeration value="NL" />
        <xs:enumeration value="PL" />
        <xs:enumeration value="P" />
        <xs:enumeration value="RO" />
        <xs:enumeration value="RUS" />
        <xs:enumeration value="RSM" />
        <xs:enumeration value="SRB" />
        <xs:enumeration value="SK" />
        <xs:enumeration value="SLO" />
        <xs:enumeration value="E" />
        <xs:enumeration value="S" />
        <xs:enumeration value="UA" />
        <xs:enumeration value="H" />
    </xs:restriction>
</xs:simpleType>
<xs:simpleType name="typeImage">
    <xs:restriction base="xs:string">
        <xs:enumeration value="OCR" />
        <xs:enumeration value="FULL" />
        <xs:enumeration value="CONTEXT" />
        <xs:enumeration value="PLATE" />
    </xs:restriction>
</xs:simpleType>

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        </xs:restriction>
    </xs:simpleType>
    <xs:simpleType name="classSize">
        <xs:restriction base="xs:string">
            <xs:enumeration value="UNKNOWN" />
            <xs:enumeration value="MOTORBIKE" />
            <xs:enumeration value="MOTOCYCLE" />
            <xs:enumeration value="AUTOVEHICLE" />
            <xs:enumeration value="BUS" />
            <xs:enumeration value="TRUCK" />
        </xs:restriction>
    </xs:simpleType>
</xs:schema>
</types>
<message name="ViolationsService_insertSignal">
    <part element="tns:insertSignal" name="insertSignal" />
</message>
<message name="ViolationsService_insertSignalResponse">
    <part element="tns:insertSignalResponse"
name="insertSignalResponse" />
</message>
<portType name="ViolationsService">
    <operation name="insertSignal" parameterOrder="insertSignal">
        <input message="tns:ViolationsService_insertSignal" />
        <output
message="tns:ViolationsService_insertSignalResponse" />
    </operation>
</portType>
<binding name="ViolationsServiceBinding" type="tns:ViolationsService">
    <soap:binding style="document"
        transport="http://schemas.xmlsoap.org/soap/http" />
    <operation name="insertSignal">
        <soap:operation soapAction="" />
        <input>
            <soap:body use="literal" />
        </input>
        <output>
            <soap:body use="literal" />
        </output>
    </operation>
</binding>
<service name="ViolationsService">
    <port binding="tns:ViolationsServiceBinding"
name="ViolationsServicePort">
        <soap:address
location="http://localhost:8080/JSirio-JSirioEjb/ViolationsServiceImp" />
    </port>
</service>
</definitions>

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