<wsdl:definitions xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" xmlns:wsap="http://schemas.xmlsoap.org/ws/2004/08/addressing/policy" xmlns:wsa10="http://www.w3.org/2005/08/addressing" xmlns:tns="http://tempuri.org/" xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract" xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/" xmlns:wsx="http://schemas.xmlsoap.org/ws/2004/09/mex" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" xmlns:wsam="http://www.w3.org/2007/05/addressing/metadata" xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing" xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl" xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" xmlns:xsd="http://www.w3.org/2001/XMLSchema" name="ReadingReportService" targetNamespace="http://tempuri.org/">

<wsdl:types>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified" targetNamespace="http://tempuri.org/">

<xs:import namespace="http://schemas.datacontract.org/2004/07/PrimeRead.ReadingReportServiceLibrary.DTOs"/>

<xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/"/>

<xs:element name="ReportReadings">

<xs:complexType>

<xs:sequence>

<xs:element xmlns:q1="http://schemas.datacontract.org/2004/07/PrimeRead.ReadingReportServiceLibrary.DTOs" minOccurs="0" name="readings" nillable="true" type="q1:ArrayOfReadingReportItem"/>

<xs:element xmlns:q2="http://schemas.datacontract.org/2004/07/PrimeRead.ReadingReportServiceLibrary.DTOs" minOccurs="0" name="userData" nillable="true" type="q2:UserData"/>

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="ReportReadingsResponse">

<xs:complexType>

<xs:sequence>

<xs:element xmlns:q3="http://schemas.microsoft.com/2003/10/Serialization/" minOccurs="0" name="ReportReadingsResult" type="q3:guid"/>

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="GetProcessResult">

<xs:complexType>

<xs:sequence>

<xs:element xmlns:q4="http://schemas.microsoft.com/2003/10/Serialization/" minOccurs="0" name="processId" type="q4:guid"/>

<xs:element xmlns:q5="http://schemas.datacontract.org/2004/07/PrimeRead.ReadingReportServiceLibrary.DTOs" minOccurs="0" name="userData" nillable="true" type="q5:UserData"/>

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="GetProcessResultResponse">

<xs:complexType>

<xs:sequence>

<xs:element xmlns:q6="http://schemas.datacontract.org/2004/07/PrimeRead.ReadingReportServiceLibrary.DTOs" minOccurs="0" name="GetProcessResultResult" nillable="true" type="q6:ReportReadingProcessResult"/>

</xs:sequence>

</xs:complexType>

</xs:element>

</xs:schema>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.microsoft.com/2003/10/Serialization/" attributeFormDefault="qualified" elementFormDefault="qualified" targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/">

<xs:element name="anyType" nillable="true" type="xs:anyType"/>

<xs:element name="anyURI" nillable="true" type="xs:anyURI"/>

<xs:element name="base64Binary" nillable="true" type="xs:base64Binary"/>

<xs:element name="boolean" nillable="true" type="xs:boolean"/>

<xs:element name="byte" nillable="true" type="xs:byte"/>

<xs:element name="dateTime" nillable="true" type="xs:dateTime"/>

<xs:element name="decimal" nillable="true" type="xs:decimal"/>

<xs:element name="double" nillable="true" type="xs:double"/>

<xs:element name="float" nillable="true" type="xs:float"/>

<xs:element name="int" nillable="true" type="xs:int"/>

<xs:element name="long" nillable="true" type="xs:long"/>

<xs:element name="QName" nillable="true" type="xs:QName"/>

<xs:element name="short" nillable="true" type="xs:short"/>

<xs:element name="string" nillable="true" type="xs:string"/>

<xs:element name="unsignedByte" nillable="true" type="xs:unsignedByte"/>

<xs:element name="unsignedInt" nillable="true" type="xs:unsignedInt"/>

<xs:element name="unsignedLong" nillable="true" type="xs:unsignedLong"/>

<xs:element name="unsignedShort" nillable="true" type="xs:unsignedShort"/>

<xs:element name="char" nillable="true" type="tns:char"/>

<xs:simpleType name="char">

<xs:restriction base="xs:int"/>

</xs:simpleType>

<xs:element name="duration" nillable="true" type="tns:duration"/>

<xs:simpleType name="duration">

<xs:restriction base="xs:duration">

<xs:pattern value="\-?P(\d\*D)?(T(\d\*H)?(\d\*M)?(\d\*(\.\d\*)?S)?)?"/>

<xs:minInclusive value="-P10675199DT2H48M5.4775808S"/>

<xs:maxInclusive value="P10675199DT2H48M5.4775807S"/>

</xs:restriction>

</xs:simpleType>

<xs:element name="guid" nillable="true" type="tns:guid"/>

<xs:simpleType name="guid">

<xs:restriction base="xs:string">

<xs:pattern value="[\da-fA-F]{8}-[\da-fA-F]{4}-[\da-fA-F]{4}-[\da-fA-F]{4}-[\da-fA-F]{12}"/>

</xs:restriction>

</xs:simpleType>

<xs:attribute name="FactoryType" type="xs:QName"/>

<xs:attribute name="Id" type="xs:ID"/>

<xs:attribute name="Ref" type="xs:IDREF"/>

</xs:schema>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/PrimeRead.ReadingReportServiceLibrary.DTOs" elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/PrimeRead.ReadingReportServiceLibrary.DTOs">

<xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>

<xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/"/>

<xs:complexType name="ArrayOfReadingReportItem">

<xs:sequence>

<xs:element minOccurs="0" maxOccurs="unbounded" name="ReadingReportItem" nillable="true" type="tns:ReadingReportItem"/>

</xs:sequence>

</xs:complexType>

<xs:element name="ArrayOfReadingReportItem" nillable="true" type="tns:ArrayOfReadingReportItem"/>

<xs:complexType name="ReadingReportItem">

<xs:sequence>

<xs:element minOccurs="0" name="BorderCode" nillable="true" type="xs:string"/>

<xs:element minOccurs="0" name="IsBackup" type="xs:boolean"/>

<xs:element minOccurs="0" name="ReadingCount" type="xs:int"/>

<xs:element minOccurs="0" name="ReadingInterval" type="xs:int"/>

<xs:element xmlns:q1="http://schemas.microsoft.com/2003/10/Serialization/Arrays" minOccurs="0" name="Readings" nillable="true" type="q1:ArrayOfdouble"/>

<xs:element minOccurs="0" name="StartDate" type="xs:dateTime"/>

</xs:sequence>

</xs:complexType>

<xs:element name="ReadingReportItem" nillable="true" type="tns:ReadingReportItem"/>

<xs:complexType name="UserData">

<xs:sequence>

<xs:element minOccurs="0" name="Password" nillable="true" type="xs:string"/>

<xs:element minOccurs="0" name="UserName" nillable="true" type="xs:string"/>

</xs:sequence>

</xs:complexType>

<xs:element name="UserData" nillable="true" type="tns:UserData"/>

<xs:complexType name="ReportReadingProcessResult">

<xs:sequence>

<xs:element minOccurs="0" name="HasValidationErrors" type="xs:boolean"/>

<xs:element minOccurs="0" name="ProcessDone" type="xs:boolean"/>

<xs:element minOccurs="0" name="ResultFlag" type="tns:ProcessResultFlag"/>

<xs:element minOccurs="0" name="Results" nillable="true" type="tns:ArrayOfBorderResult"/>

</xs:sequence>

</xs:complexType>

<xs:element name="ReportReadingProcessResult" nillable="true" type="tns:ReportReadingProcessResult"/>

<xs:simpleType name="ProcessResultFlag">

<xs:restriction base="xs:string">

<xs:enumeration value="Success">

<xs:annotation>

<xs:appinfo>

<EnumerationValue xmlns="http://schemas.microsoft.com/2003/10/Serialization/">1</EnumerationValue>

</xs:appinfo>

</xs:annotation>

</xs:enumeration>

<xs:enumeration value="Warning">

<xs:annotation>

<xs:appinfo>

<EnumerationValue xmlns="http://schemas.microsoft.com/2003/10/Serialization/">2</EnumerationValue>

</xs:appinfo>

</xs:annotation>

</xs:enumeration>

<xs:enumeration value="Error">

<xs:annotation>

<xs:appinfo>

<EnumerationValue xmlns="http://schemas.microsoft.com/2003/10/Serialization/">3</EnumerationValue>

</xs:appinfo>

</xs:annotation>

</xs:enumeration>

</xs:restriction>

</xs:simpleType>

<xs:element name="ProcessResultFlag" nillable="true" type="tns:ProcessResultFlag"/>

<xs:complexType name="ArrayOfBorderResult">

<xs:sequence>

<xs:element minOccurs="0" maxOccurs="unbounded" name="BorderResult" nillable="true" type="tns:BorderResult"/>

</xs:sequence>

</xs:complexType>

<xs:element name="ArrayOfBorderResult" nillable="true" type="tns:ArrayOfBorderResult"/>

<xs:complexType name="BorderResult">

<xs:sequence>

<xs:element minOccurs="0" name="Code" nillable="true" type="xs:string"/>

<xs:element minOccurs="0" name="ErrorMessage" nillable="true" type="xs:string"/>

<xs:element minOccurs="0" name="HasValidationErrors" type="xs:boolean"/>

<xs:element minOccurs="0" name="ResultFlag" type="tns:ProcessResultFlag"/>

<xs:element minOccurs="0" name="ValidationErrorMessage" nillable="true" type="xs:string"/>

</xs:sequence>

</xs:complexType>

<xs:element name="BorderResult" nillable="true" type="tns:BorderResult"/>

</xs:schema>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.microsoft.com/2003/10/Serialization/Arrays" elementFormDefault="qualified" targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays">

<xs:complexType name="ArrayOfdouble">

<xs:sequence>

<xs:element minOccurs="0" maxOccurs="unbounded" name="double" type="xs:double"/>

</xs:sequence>

</xs:complexType>

<xs:element name="ArrayOfdouble" nillable="true" type="tns:ArrayOfdouble"/>

</xs:schema>

</wsdl:types>

<wsdl:message name="IReadingReportService\_ReportReadings\_InputMessage">

<wsdl:part name="parameters" element="tns:ReportReadings"/>

</wsdl:message>

<wsdl:message name="IReadingReportService\_ReportReadings\_OutputMessage">

<wsdl:part name="parameters" element="tns:ReportReadingsResponse"/>

</wsdl:message>

<wsdl:message name="IReadingReportService\_GetProcessResult\_InputMessage">

<wsdl:part name="parameters" element="tns:GetProcessResult"/>

</wsdl:message>

<wsdl:message name="IReadingReportService\_GetProcessResult\_OutputMessage">

<wsdl:part name="parameters" element="tns:GetProcessResultResponse"/>

</wsdl:message>

<wsdl:portType name="IReadingReportService">

<wsdl:operation name="ReportReadings">

<wsdl:input wsaw:Action="http://tempuri.org/IReadingReportService/ReportReadings" message="tns:IReadingReportService\_ReportReadings\_InputMessage"/>

<wsdl:output wsaw:Action="http://tempuri.org/IReadingReportService/ReportReadingsResponse" message="tns:IReadingReportService\_ReportReadings\_OutputMessage"/>

</wsdl:operation>

<wsdl:operation name="GetProcessResult">

<wsdl:input wsaw:Action="http://tempuri.org/IReadingReportService/GetProcessResult" message="tns:IReadingReportService\_GetProcessResult\_InputMessage"/>

<wsdl:output wsaw:Action="http://tempuri.org/IReadingReportService/GetProcessResultResponse" message="tns:IReadingReportService\_GetProcessResult\_OutputMessage"/>

</wsdl:operation>

</wsdl:portType>

<wsdl:binding name="BasicHttpBinding\_IReadingReportService" type="tns:IReadingReportService">

<soap:binding transport="http://schemas.xmlsoap.org/soap/http"/>

<wsdl:operation name="ReportReadings">

<soap:operation soapAction="http://tempuri.org/IReadingReportService/ReportReadings" style="document"/>

<wsdl:input>

<soap:body use="literal"/>

</wsdl:input>

<wsdl:output>

<soap:body use="literal"/>

</wsdl:output>

</wsdl:operation>

<wsdl:operation name="GetProcessResult">

<soap:operation soapAction="http://tempuri.org/IReadingReportService/GetProcessResult" style="document"/>

<wsdl:input>

<soap:body use="literal"/>

</wsdl:input>

<wsdl:output>

<soap:body use="literal"/>

</wsdl:output>

</wsdl:operation>

</wsdl:binding>

<wsdl:service name="ReadingReportService">

<wsdl:port name="BasicHttpBinding\_IReadingReportService" binding="tns:BasicHttpBinding\_IReadingReportService">

<soap:address location="http://localhost:52902/ReadingReportService.svc"/>

</wsdl:port>

</wsdl:service>

</wsdl:definitions>