

eServ Web Ordering User Documentation

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Version 7.9.4

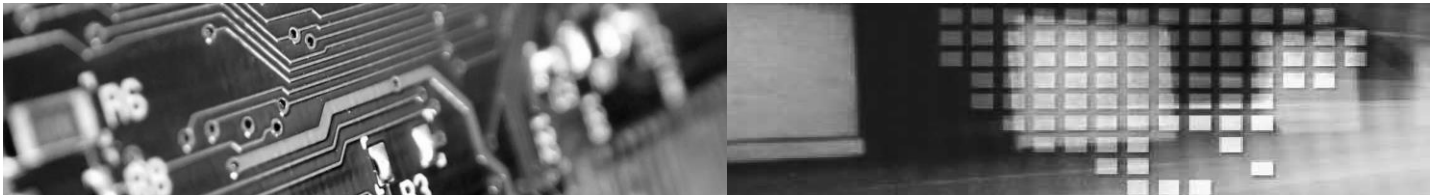




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1. OrderingService: SubmitOrder

UriTemplate	https://www.mbmесerv.com/services/OrderingService.svc/Order
Method	POST
Request Format	xml or json
Response Format	Xml
Description	Creates a new order for the specified customer.

1.1. Request Example

```
<OrderModel xmlns="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain">
  <CustomerNbr>999999</CustomerNbr>
  <CustomerPoNbr>12345</CustomerPoNbr>
  <CustomerUnitNbr>888888</CustomerUnitNbr>
  <DeliveryDate>2011-01-01T00:00:00</DeliveryDate>
  <OrderLineItems>
    <OrderLineItemModel>
      <ItemNumber>12345</ItemNumber>
      <LineNumber>1</LineNumber>
      <Quantity>1</Quantity>
    </OrderLineItemModel>
    <OrderLineItemModel>
      <ItemNumber>23456</ItemNumber>
      <LineNumber>2</LineNumber>
      <Quantity>2</Quantity>
    </OrderLineItemModel>
  </OrderLineItems>
</OrderModel>
```

1.2. Request Schema

```
<Schemas>
  <xs:schema attributeFormDefault="qualified" elementFormDefault="qualified"
targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:tns="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 elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain">
<xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases"/>
<xs:complexType name="OrderModel">
<xs:complexContent mixed="false">
<xs:extension base="q1:ViewModelBase" xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
<xs:sequence>
<xs:element minOccurs="0" name="CustomerNbr" type="xs:decimal"/>
<xs:element minOccurs="0" name="CustomerPoNbr" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="CustomerUnitNbr" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="DeliveryDate" type="xs:dateTime"/>
<xs:element minOccurs="0" name="OrderLineItems" nillable="true" type="tns:ArrayOfOrderLineItemModel"/>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
<xs:element name="OrderModel" nillable="true" type="tns:OrderModel"/>
<xs:complexType name="ArrayOfOrderLineItemModel">
<xs:sequence>
<xs:element minOccurs="0" maxOccurs="unbounded" name="OrderLineItemModel" nillable="true" type="tns:OrderLineItemModel"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfOrderLineItemModel" nillable="true" type="tns:ArrayOfOrderLineItemModel"/>
<xs:complexType name="OrderLineItemModel">
<xs:complexContent mixed="false">
<xs:extension base="q2:ViewModelBase" xmlns:q2="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
<xs:sequence>
<xs:element minOccurs="0" name="ItemNumber" nillable="true" type="xs:int"/>
<xs:element minOccurs="0" name="LineNumber" nillable="true" type="xs:int"/>
<xs:element minOccurs="0" name="Quantity" nillable="true" type="xs:int"/>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
<xs:element name="OrderLineItemModel" nillable="true" type="tns:OrderLineItemModel"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
<xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
<xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
<xs:complexType name="ViewModelBase">
<xs:sequence>
<xs:element minOccurs="0" name="Messages" nillable="true" type="q1:ArrayOfApplicationMessage"
xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
<xs:element minOccurs="0" name="ValidationErrors" nillable="true" type="q2:ArrayOfanyType"
xmlns:q2="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ViewModelBase" nillable="true" type="tns:ViewModelBase"/>
<xs:complexType name="ValidationResult">
<xs:sequence>
<xs:element minOccurs="0" name="ClassContextTransport" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ValidationResult" nillable="true" type="tns:ValidationResult"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages">
<xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/" />
<xs:complexType name="ArrayOfApplicationMessage">
<xs:sequence>
<xs:element minOccurs="0" maxOccurs="unbounded" name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfApplicationMessage" nillable="true" type="tns:ArrayOfApplicationMessage"/>
<xs:complexType name="ApplicationMessage">
<xs:sequence>
<xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="MessageType" type="tns:ApplicationMessageType"/>
<xs:element minOccurs="0" name="MessageTypeString" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
</xs:schema>
```

```

    <xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>
<xs:simpleType name="ApplicationMessageType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Information">
      <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/">4</EnumerationValue>
        </xs:appinfo>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="Success">
      <xs:annotation>
        <xs:appinfo>
          <EnumerationValue xmlns="http://schemas.microsoft.com/2003/10/Serialization/">8</EnumerationValue>
        </xs:appinfo>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
<xs:element name="ApplicationMessageType" nillable="true" type="tns:ApplicationMessageType"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
  xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
  <xs:complexType name="ArrayOfAnyType">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="AnyType" nillable="true" type="xs:anyType"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfAnyType" nillable="true" type="tns:ArrayOfAnyType"/>
</xs:schema>
</Schemas>

```

1.3. Response Schema

```

<Schemas>
  <xs:schema attributeFormDefault="qualified" elementFormDefault="qualified"
    targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/" xmlns:xs="http://www.w3.org/2001/XMLSchema"
    xmlns:tns="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 elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.Common"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Core.Common">
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
  <xs:complexType name="ServiceResultOfboolean">
    <xs:annotation>
      <xs:appinfo>
        <GenericType Name="ServiceResultOf{0}{#}" Namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.Common"
xmlns="http://schemas.microsoft.com/2003/10/Serialization/">
          <GenericParameter Name="boolean" Namespace="http://www.w3.org/2001/XMLSchema"/>
        </GenericType>
      </xs:appinfo>
    </xs:annotation>
    <xs:sequence>
      <xs:element minOccurs="0" name="IsError" type="xs:boolean"/>
      <xs:element minOccurs="0" name="IsInvalid" type="xs:boolean"/>
      <xs:element minOccurs="0" name="IsMissing" type="xs:boolean"/>
      <xs:element minOccurs="0" name="IsSuccess" type="xs:boolean"/>
      <xs:element minOccurs="0" name="Messages" nillable="true" type="q1:ArrayOfApplicationMessage"
xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
      <xs:element minOccurs="0" name="NoChanges" type="xs:boolean"/>
      <xs:element minOccurs="0" name="Outcome" type="tns:ServiceOutcome"/>
      <xs:element minOccurs="0" name="StaleObject" type="xs:boolean"/>
      <xs:element minOccurs="0" name="ViewModel" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ServiceResultOfboolean" nillable="true" type="tns:ServiceResultOfboolean"/>
  <xs:simpleType name="ServiceOutcome">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Error"/>
      <xs:enumeration value="Missing"/>
      <xs:enumeration value="Invalid"/>
      <xs:enumeration value="Success"/>
      <xs:enumeration value="NoChanges"/>
      <xs:enumeration value="StaleObject"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="ServiceOutcome" nillable="true" type="tns:ServiceOutcome"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages">
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/">
  <xs:complexType name="ArrayOfApplicationMessage">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfApplicationMessage" nillable="true" type="tns:ArrayOfApplicationMessage"/>
  <xs:complexType name="ApplicationMessage">
    <xs:sequence>
      <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="MessageType" type="tns:ApplicationMessageType"/>
      <xs:element minOccurs="0" name="MessageTypeString" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>

```

```

<xs:simpleType name="ApplicationMessageType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Information">
      <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/">4</EnumerationValue>
        </xs:appinfo>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="Success">
      <xs:annotation>
        <xs:appinfo>
          <EnumerationValue xmlns="http://schemas.microsoft.com/2003/10/Serialization/">8</EnumerationValue>
        </xs:appinfo>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
<xs:element name="ApplicationMessageType" nillable="true" type="tns:ApplicationMessageType"/>
</xs:schema>
</Schemas>

```

2. OrderingService.GetDefaultOrderGuide

UriTemplate	https://www.mbmeserv.com/services/OrderingService.svc/OrderGuide/{customerNumber}
Method	Get
Response Format	Xml
Description	Returns the default order guide for the specified customer.

2.1. Response Schema

```

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

```

```
<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 elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.Common"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Core.Common">
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages" />
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain" />
  <xs:complexType name="ServiceResultOfOrderGuideModeljhpSbKoj">
    <xs:annotation>
      <xs:appinfo>
        <GenericType Name="ServiceResultOf{0}{#}" Namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.Common"
xmlns="http://schemas.microsoft.com/2003/10/Serialization"/>
        <GenericParameter Name="OrderGuideModel" Namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain" />
      </GenericType>
    </xs:appinfo>
    </xs:annotation>
    <xs:sequence>
      <xs:element minOccurs="0" name="IsError" type="xs:boolean" />
      <xs:element minOccurs="0" name="IsInvalid" type="xs:boolean" />
      <xs:element minOccurs="0" name="IsMissing" type="xs:boolean" />
      <xs:element minOccurs="0" name="IsSuccess" type="xs:boolean" />
      <xs:element minOccurs="0" name="Messages" nillable="true" type="q1:ArrayOfApplicationMessage"
xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages" />
      <xs:element minOccurs="0" name="NoChanges" type="xs:boolean" />
      <xs:element minOccurs="0" name="Outcome" type="tns:ServiceOutcome" />
      <xs:element minOccurs="0" name="StaleObject" type="xs:boolean" />
      <xs:element minOccurs="0" name="ViewModel" nillable="true" type="q2:OrderGuideModel"
xmlns:q2="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain" />
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ServiceResultOfOrderGuideModeljhpSbKoj" nillable="true" type="tns:ServiceResultOfOrderGuideModeljhpSbKoj" />
  <xs:simpleType name="ServiceOutcome">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Error" />
      <xs:enumeration value="Missing" />
      <xs:enumeration value="Invalid" />
      <xs:enumeration value="Success" />
      <xs:enumeration value="NoChanges" />
      <xs:enumeration value="StaleObject" />
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="ServiceOutcome" nillable="true" type="tns:ServiceOutcome" />
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages">
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization" />
  <xs:complexType name="ArrayOfApplicationMessage">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage" />
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfApplicationMessage" nillable="true" type="tns:ArrayOfApplicationMessage" />
  <xs:complexType name="ApplicationMessage">
    <xs:sequence>
      <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string" />
      <xs:element minOccurs="0" name="MessageType" type="tns:ApplicationMessageType" />
      <xs:element minOccurs="0" name="MessageTypeString" nillable="true" type="xs:string" />
      <xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string" />
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage" />
</xs:schema>
```



```

<xs:simpleType name="ApplicationMessageType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Information">
      <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/">4</EnumerationValue>
        </xs:appinfo>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="Success">
      <xs:annotation>
        <xs:appinfo>
          <EnumerationValue xmlns="http://schemas.microsoft.com/2003/10/Serialization/">8</EnumerationValue>
        </xs:appinfo>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
<xs:element name="ApplicationMessageType" nillable="true" type="tns:ApplicationMessageType"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain">
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases"/>
  <xs:complexType name="OrderGuideModel">
    <xs:complexContent mixed="false">
      <xs:extension base="q1:ViewModelBase" xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
        <xs:sequence>
          <xs:element minOccurs="0" name="Customer" nillable="true" type="tns:CustomerModel"/>
          <xs:element minOccurs="0" name="CustomerNumber" type="xs:decimal"/>
          <xs:element minOccurs="0" name="OrderGuideltems" nillable="true" type="tns:ArrayOfOrderGuideltemModel"/>
          <xs:element minOccurs="0" name="ServicingDc" nillable="true" type="tns:DistributionCenterModel"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:element name="OrderGuideModel" nillable="true" type="tns:OrderGuideModel"/>
  <xs:complexType name="CustomerModel">
    <xs:complexContent mixed="false">
      <xs:extension base="q2:ViewModelBase" xmlns:q2="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
        <xs:sequence>
          <xs:element minOccurs="0" name="Address1" nillable="true" type="xs:string"/>
          <xs:element minOccurs="0" name="Address2" nillable="true" type="xs:string"/>
          <xs:element minOccurs="0" name="ChainNbr" type="xs:decimal"/>
          <xs:element minOccurs="0" name="City" nillable="true" type="xs:string"/>
          <xs:element minOccurs="0" name="CustomerNbr" type="xs:decimal"/>
          <xs:element minOccurs="0" name="DcNbr" type="xs:decimal"/>
          <xs:element minOccurs="0" name="Name" nillable="true" type="xs:string"/>
          <xs:element minOccurs="0" name="OwnerNbr" type="xs:decimal"/>
          <xs:element minOccurs="0" name="Phone" type="xs:decimal"/>
          <xs:element minOccurs="0" name="PostalCode" nillable="true" type="xs:string"/>
          <xs:element minOccurs="0" name="State" nillable="true" type="xs:string"/>
          <xs:element minOccurs="0" name="Unit" type="xs:decimal"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:element name="CustomerModel" nillable="true" type="tns:CustomerModel"/>
  <xs:complexType name="ArrayOfOrderGuideltemModel">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="OrderGuideltemModel" nillable="true" type="tns:OrderGuideltemModel"/>
    </xs:sequence>
  </xs:complexType>

```

```

<xs:element name="ArrayOfOrderGuideltemModel" nillable="true" type="tns:ArrayOfOrderGuideltemModel"/>
<xs:complexType name="OrderGuideltemModel">
  <xs:complexContent mixed="false">
    <xs:extension base="q3:ViewModelBase" xmlns:q3="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
      <xs:sequence>
        <xs:element minOccurs="0" name="CatchWeight" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CategoryDescription" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CategoryId" type="xs:int"/>
        <xs:element minOccurs="0" name="CustomerGlnNumber" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerItemNumber" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="Flags" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="IsCatchWeight" type="xs:boolean"/>
        <xs:element minOccurs="0" name="IsDeletedItem" type="xs:boolean"/>
        <xs:element minOccurs="0" name="IsMandatoryItem" type="xs:boolean"/>
        <xs:element minOccurs="0" name="IsNewItem" type="xs:boolean"/>
        <xs:element minOccurs="0" name="IsRestrictedItem" type="xs:boolean"/>
        <xs:element minOccurs="0" name="ItemDescription" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="ItemPack" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="ItemPrice" type="xs:decimal"/>
        <xs:element minOccurs="0" name="MbmItemNumber" type="xs:int"/>
        <xs:element minOccurs="0" name="ShipWeight" type="xs:decimal"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="OrderGuideltemModel" nillable="true" type="tns:OrderGuideltemModel"/>
<xs:complexType name="DistributionCenterModel">
  <xs:complexContent mixed="false">
    <xs:extension base="q4:ViewModelBase" xmlns:q4="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
      <xs:sequence>
        <xs:element minOccurs="0" name="Address1" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="Address2" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="City" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="Fax" type="xs:decimal"/>
        <xs:element minOccurs="0" name="Name" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="Number" type="xs:decimal"/>
        <xs:element minOccurs="0" name="Phone" type="xs:decimal"/>
        <xs:element minOccurs="0" name="PostalCode" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="State" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="DistributionCenterModel" nillable="true" type="tns:DistributionCenterModel"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
  <xs:complexType name="ViewModelBase">
    <xs:sequence>
      <xs:element minOccurs="0" name="Messages" nillable="true" type="q1:ArrayOfApplicationMessage"
xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
      <xs:element minOccurs="0" name="ValidationErrors" nillable="true" type="q2:ArrayOfanyType"
xmlns:q2="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ViewModelBase" nillable="true" type="tns:ViewModelBase"/>
  <xs:complexType name="ValidationResult">
    <xs:sequence>
      <xs:element minOccurs="0" name="ClassContextTransport" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ValidationResult" nillable="true" type="tns:ValidationResult"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
  <xs:complexType name="ArrayOfanyType">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="anyType" nillable="true" type="xs:anyType"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfanyType" nillable="true" type="tns:ArrayOfanyType"/>
</xs:schema>

```



<https://www.mbmeserv.com>

</Schemas>

3. OrderingService: GetInvoicesByDate

UriTemplate	https://www.mbmeserv.com/services/OrderingService.svc/Invoices/{customerNumber}/{date}
Method	Get
Response Format	Xml
Description	Returns invoices for a specific date for the specified customer.

3.1. Response Schema

```

<Schemas>
  <xs:schema attributeFormDefault="qualified" elementFormDefault="qualified"
targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:tns="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 elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.Common"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Core.Common">
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"/>
  <xs:complexType name="ServiceResultOfArrayOfInvoiceModeljhpSbKoJ">
    <xs:annotation>
      <xs:appinfo>
        <GenericType Name="ServiceResultOf{0}{#}" Namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.Common"
xmlns="http://schemas.microsoft.com/2003/10/Serialization/">
          <GenericParameter Name="ArrayOfInvoiceModel" Namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"/>
        </GenericType>
      </xs:appinfo>
    </xs:annotation>
    <xs:sequence>
      <xs:element minOccurs="0" name="IsError" type="xs:boolean"/>
      <xs:element minOccurs="0" name="IsInvalid" type="xs:boolean"/>
      <xs:element minOccurs="0" name="IsMissing" type="xs:boolean"/>
      <xs:element minOccurs="0" name="IsSuccess" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>

```

```

    <xs:element minOccurs="0" name="Messages" nillable="true" type="q1:ArrayOfApplicationMessage"
xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
  <xs:element minOccurs="0" name="NoChanges" type="xs:boolean"/>
  <xs:element minOccurs="0" name="Outcome" type="tns:ServiceOutcome"/>
  <xs:element minOccurs="0" name="StaleObject" type="xs:boolean"/>
  <xs:element minOccurs="0" name="ViewModel" nillable="true" type="q2:ArrayOfInvoiceModel"
xmlns:q2="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ServiceResultOfArrayOfInvoiceModeljhpSbKoj" nillable="true" type="tns:ServiceResultOfArrayOfInvoiceModeljhpSbKoj"/>
<xs:simpleType name="ServiceOutcome">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Error"/>
    <xs:enumeration value="Missing"/>
    <xs:enumeration value="Invalid"/>
    <xs:enumeration value="Success"/>
    <xs:enumeration value="NoChanges"/>
    <xs:enumeration value="StaleObject"/>
  </xs:restriction>
</xs:simpleType>
<xs:element name="ServiceOutcome" nillable="true" type="tns:ServiceOutcome"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages">
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/" />
  <xs:complexType name="ArrayOfApplicationMessage">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfApplicationMessage" nillable="true" type="tns:ArrayOfApplicationMessage"/>
  <xs:complexType name="ApplicationMessage">
    <xs:sequence>
      <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="MessageType" type="tns:ApplicationMessageType"/>
      <xs:element minOccurs="0" name="MessageTypeString" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>
  <xs:simpleType name="ApplicationMessageType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Information">
        <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/">4</EnumerationValue>
          </xs:appinfo>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="Success">
        <xs:annotation>
          <xs:appinfo>
            <EnumerationValue xmlns="http://schemas.microsoft.com/2003/10/Serialization/">8</EnumerationValue>
          </xs:appinfo>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="ApplicationMessageType" nillable="true" type="tns:ApplicationMessageType"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain">

```

```
<xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases"/>
<xs:complexType name="ArrayOfInvoiceModel">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="InvoiceModel" nillable="true" type="tns:InvoiceModel"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfInvoiceModel" nillable="true" type="tns:ArrayOfInvoiceModel"/>
<xs:complexType name="InvoiceModel">
  <xs:complexContent mixed="false">
    <xs:extension base="q1:ViewModelBase" xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
      <xs:sequence>
        <xs:element minOccurs="0" name="CustomerAddress1" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerAddress2" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerCity" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerName" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerNumber" type="xs:decimal"/>
        <xs:element minOccurs="0" name="CustomerPoNbr" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerState" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerUnitNumber" type="xs:decimal"/>
        <xs:element minOccurs="0" name="CustomerZip" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcAddress1" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcAddress2" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcCity" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcFax" type="xs:decimal"/>
        <xs:element minOccurs="0" name="DcName" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcNumber" type="xs:decimal"/>
        <xs:element minOccurs="0" name="DcPhone" type="xs:decimal"/>
        <xs:element minOccurs="0" name="DcState" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcZip" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DeliveryDate" type="xs:dateTime"/>
        <xs:element minOccurs="0" name="InvoiceDetails" nillable="true" type="tns:ArrayOfInvoiceDetailModel"/>
        <xs:element minOccurs="0" name="InvoiceNbr" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="RefInvoiceNbr" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="InvoiceModel" nillable="true" type="tns:InvoiceModel"/>
<xs:complexType name="ArrayOfInvoiceDetailModel">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="InvoiceDetailModel" nillable="true" type="tns:InvoiceDetailModel"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfInvoiceDetailModel" nillable="true" type="tns:ArrayOfInvoiceDetailModel"/>
<xs:complexType name="InvoiceDetailModel">
  <xs:complexContent mixed="false">
    <xs:extension base="q2:ViewModelBase" xmlns:q2="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
      <xs:sequence>
        <xs:element minOccurs="0" name="CustomerGINbr" type="xs:decimal"/>
        <xs:element minOccurs="0" name="CustomerItemNbr" type="xs:decimal"/>
        <xs:element minOccurs="0" name="ExtendedPrice" type="xs:decimal"/>
        <xs:element minOccurs="0" name="InvoiceNbr" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="ItemOrdered" type="xs:decimal"/>
        <xs:element minOccurs="0" name="ItemOrderedDesc" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="ItemShipped" type="xs:decimal"/>
        <xs:element minOccurs="0" name="ItemShippedDesc" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="Note" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="PoundsShipped" type="xs:decimal"/>
        <xs:element minOccurs="0" name="ProcessReasonCode" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="QuantityOrdered" type="xs:decimal"/>
        <xs:element minOccurs="0" name="QuantityShipped" type="xs:decimal"/>
        <xs:element minOccurs="0" name="TaxAmount" type="xs:decimal"/>
        <xs:element minOccurs="0" name="UnitDeliveryFee" type="xs:decimal"/>
        <xs:element minOccurs="0" name="UnitPrice" type="xs:decimal"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="InvoiceDetailModel" nillable="true" type="tns:InvoiceDetailModel"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
  <xs:complexType name="ViewModelBase">
    <xs:sequence>
```

```

    <xs:element minOccurs="0" name="Messages" nillable="true" type="q1:ArrayOfApplicationMessage"
xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
  <xs:element minOccurs="0" name="ValidationErrors" nillable="true" type="q2:ArrayOfAnyType"
xmlns:q2="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ViewModelBase" nillable="true" type="tns:ViewModelBase"/>
<xs:complexType name="ValidationResult">
  <xs:sequence>
    <xs:element minOccurs="0" name="ClassContextTransport" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="ValidationResult" nillable="true" type="tns:ValidationResult"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
  <xs:complexType name="ArrayOfAnyType">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="anyType" nillable="true" type="xs:anyType"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfAnyType" nillable="true" type="tns:ArrayOfAnyType"/>
</xs:schema>

```

4. OrderingService: GetInvoicesByStartDate

UriTemplate	https://www.mbmeserv.com/services/OrderingService.svc/Invoices/{customerNumber}/{startDate}/ALL
Method	GET
Response Format	Xml
Description	Returns invoices starting at a specific date for the specified customer.

4.1. Response Schema

```

<Schemas>
<xs:schema attributeFormDefault="qualified" elementFormDefault="qualified"
targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:tns="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 elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.Common"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Core.Common">
<xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
<xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"/>
<xs:complexType name="ServiceResultOfArrayOfInvoiceModeljhpSbKoJ">
<xs:annotation>
<xs:appinfo>
<GenericType Name="ServiceResultOf{0}{#}" Namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.Common"
xmlns="http://schemas.microsoft.com/2003/10/Serialization/">
<GenericParameter Name="ArrayOfInvoiceModel" Namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"/>
</GenericType>
</xs:appinfo>
</xs:annotation>
<xs:sequence>
<xs:element minOccurs="0" name="IsError" type="xs:boolean"/>
<xs:element minOccurs="0" name="IsInvalid" type="xs:boolean"/>
<xs:element minOccurs="0" name="IsMissing" type="xs:boolean"/>
<xs:element minOccurs="0" name="IsSuccess" type="xs:boolean"/>
<xs:element minOccurs="0" name="Messages" nillable="true" type="q1:ArrayOfApplicationMessage"
xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
<xs:element minOccurs="0" name="NoChanges" type="xs:boolean"/>
<xs:element minOccurs="0" name="Outcome" type="tns:ServiceOutcome"/>
<xs:element minOccurs="0" name="StaleObject" type="xs:boolean"/>
<xs:element minOccurs="0" name="ViewModel" nillable="true" type="q2:ArrayOfInvoiceModel"
xmlns:q2="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ServiceResultOfArrayOfInvoiceModeljhpSbKoJ" nillable="true" type="tns:ServiceResultOfArrayOfInvoiceModeljhpSbKoJ"/>
<xs:simpleType name="ServiceOutcome">
<xs:restriction base="xs:string">
<xs:enumeration value="Error"/>
<xs:enumeration value="Missing"/>
<xs:enumeration value="Invalid"/>
<xs:enumeration value="Success"/>
<xs:enumeration value="NoChanges"/>
<xs:enumeration value="StaleObject"/>
</xs:restriction>
</xs:simpleType>
<xs:element name="ServiceOutcome" nillable="true" type="tns:ServiceOutcome"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages">
<xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization"/>
<xs:complexType name="ArrayOfApplicationMessage">
<xs:sequence>
<xs:element minOccurs="0" maxOccurs="unbounded" name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfApplicationMessage" nillable="true" type="tns:ArrayOfApplicationMessage"/>
<xs:complexType name="ApplicationMessage">
<xs:sequence>
<xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="MessageType" type="tns:ApplicationMessageType"/>
<xs:element minOccurs="0" name="MessageTypeString" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>
<xs:simpleType name="ApplicationMessageType">
<xs:restriction base="xs:string">
<xs:enumeration value="Information">
<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/">4</EnumerationValue>
    </xs:appinfo>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="Success">
  <xs:annotation>
    <xs:appinfo>
      <EnumerationValue xmlns="http://schemas.microsoft.com/2003/10/Serialization/">8</EnumerationValue>
    </xs:appinfo>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
<xs:element name="ApplicationMessageType" nillable="true" type="tns:ApplicationMessageType"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain">
<xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases"/>
<xs:complexType name="ArrayOfInvoiceModel">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="InvoiceModel" nillable="true" type="tns:InvoiceModel"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfInvoiceModel" nillable="true" type="tns:ArrayOfInvoiceModel"/>
<xs:complexType name="InvoiceModel">
  <xs:complexContent mixed="false">
    <xs:extension base="q1:ViewModelBase" xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
      <xs:sequence>
        <xs:element minOccurs="0" name="CustomerAddress1" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerAddress2" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerCity" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerName" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerNumber" type="xs:decimal"/>
        <xs:element minOccurs="0" name="CustomerPoNbr" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerState" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerUnitNumber" type="xs:decimal"/>
        <xs:element minOccurs="0" name="CustomerZip" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcAddress1" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcAddress2" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcCity" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcFax" type="xs:decimal"/>
        <xs:element minOccurs="0" name="DcName" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcNumber" type="xs:decimal"/>
        <xs:element minOccurs="0" name="DcPhone" type="xs:decimal"/>
        <xs:element minOccurs="0" name="DcState" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcZip" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DeliveryDate" type="xs:dateTime"/>
        <xs:element minOccurs="0" name="InvoiceDetails" nillable="true" type="tns:ArrayOfInvoiceDetailModel"/>
        <xs:element minOccurs="0" name="InvoiceNbr" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="RefInvoiceNbr" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="InvoiceModel" nillable="true" type="tns:InvoiceModel"/>
<xs:complexType name="ArrayOfInvoiceDetailModel">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="InvoiceDetailModel" nillable="true" type="tns:InvoiceDetailModel"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfInvoiceDetailModel" nillable="true" type="tns:ArrayOfInvoiceDetailModel"/>
<xs:complexType name="InvoiceDetailModel">
  <xs:complexContent mixed="false">
    <xs:extension base="q2:ViewModelBase" xmlns:q2="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
      <xs:sequence>
        <xs:element minOccurs="0" name="CustomerGINbr" type="xs:decimal"/>
        <xs:element minOccurs="0" name="CustomerItemNbr" type="xs:decimal"/>
        <xs:element minOccurs="0" name="ExtendedPrice" type="xs:decimal"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
</xs:schema>
```

```
<xs:element minOccurs="0" name="InvoiceNbr" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="ItemOrdered" type="xs:decimal"/>
<xs:element minOccurs="0" name="ItemOrderedDesc" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="ItemShipped" type="xs:decimal"/>
<xs:element minOccurs="0" name="ItemShippedDesc" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="Note" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="PoundsShipped" type="xs:decimal"/>
<xs:element minOccurs="0" name="ProcessReasonCode" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="QuantityOrdered" type="xs:decimal"/>
<xs:element minOccurs="0" name="QuantityShipped" type="xs:decimal"/>
<xs:element minOccurs="0" name="TaxAmount" type="xs:decimal"/>
<xs:element minOccurs="0" name="UnitDeliveryFee" type="xs:decimal"/>
<xs:element minOccurs="0" name="UnitPrice" type="xs:decimal"/>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
<xs:element name="InvoiceDetailModel" nillable="true" type="tns:InvoiceDetailModel"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
<xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
<xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
<xs:complexType name="ViewModelBase">
<xs:sequence>
<xs:element minOccurs="0" name="Messages" nillable="true" type="q1:ArrayOfApplicationMessage"
xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
<xs:element minOccurs="0" name="ValidationErrors" nillable="true" type="q2:ArrayOfAnyType"
xmlns:q2="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ViewModelBase" nillable="true" type="tns:ViewModelBase"/>
<xs:complexType name="ValidationResult">
<xs:sequence>
<xs:element minOccurs="0" name="ClassContextTransport" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ValidationResult" nillable="true" type="tns:ValidationResult"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
<xs:complexType name="ArrayOfAnyType">
<xs:sequence>
<xs:element minOccurs="0" maxOccurs="unbounded" name="AnyType" nillable="true" type="xs:anyType"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfAnyType" nillable="true" type="tns:ArrayOfAnyType"/>
</xs:schema>
</Schemas>
```

5. OrderingService: GetInvoicesByDateRange

UriTemplate	https://www.mbmесerv.com/services/OrderingService.svc/Invoices/{customerNumber}/{startDate}/{endDateDate}
Method	GET
Response Format	Xml
Description	Returns invoices within a specific date range for the specified customer.

5.1. Response Schema

```

<Schemas>
  <xs:schema attributeFormDefault="qualified" elementFormDefault="qualified"
targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:tns="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 elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.Common"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Core.Common">
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"/>
  <xs:complexType name="ServiceResultOfArrayOfInvoiceModelJhpSbKoJ">
    <xs:annotation>
      <xs:appinfo>
        <GenericType Name="ServiceResultOf{0}{#}" Namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.Common"
xmlns="http://schemas.microsoft.com/2003/10/Serialization/">
          <GenericParameter Name="ArrayOfInvoiceModel" Namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"/>
        </GenericType>
      </xs:appinfo>
    </xs:annotation>
    <xs:sequence>
      <xs:element minOccurs="0" name="IsError" type="xs:boolean"/>
      <xs:element minOccurs="0" name="IsInvalid" type="xs:boolean"/>
      <xs:element minOccurs="0" name="IsMissing" type="xs:boolean"/>
      <xs:element minOccurs="0" name="IsSuccess" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>

```

```

    <xs:element minOccurs="0" name="Messages" nillable="true" type="q1:ArrayOfApplicationMessage"
xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
  <xs:element minOccurs="0" name="NoChanges" type="xs:boolean"/>
  <xs:element minOccurs="0" name="Outcome" type="tns:ServiceOutcome"/>
  <xs:element minOccurs="0" name="StaleObject" type="xs:boolean"/>
  <xs:element minOccurs="0" name="ViewModel" nillable="true" type="q2:ArrayOfInvoiceModel"
xmlns:q2="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ServiceResultOfArrayOfInvoiceModeljhpSbKoj" nillable="true" type="tns:ServiceResultOfArrayOfInvoiceModeljhpSbKoj"/>
<xs:simpleType name="ServiceOutcome">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Error"/>
    <xs:enumeration value="Missing"/>
    <xs:enumeration value="Invalid"/>
    <xs:enumeration value="Success"/>
    <xs:enumeration value="NoChanges"/>
    <xs:enumeration value="StaleObject"/>
  </xs:restriction>
</xs:simpleType>
<xs:element name="ServiceOutcome" nillable="true" type="tns:ServiceOutcome"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages">
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/" />
  <xs:complexType name="ArrayOfApplicationMessage">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfApplicationMessage" nillable="true" type="tns:ArrayOfApplicationMessage"/>
  <xs:complexType name="ApplicationMessage">
    <xs:sequence>
      <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="MessageType" type="tns:ApplicationMessageType"/>
      <xs:element minOccurs="0" name="MessageTypeString" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>
  <xs:simpleType name="ApplicationMessageType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Information">
        <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/">4</EnumerationValue>
          </xs:appinfo>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="Success">
        <xs:annotation>
          <xs:appinfo>
            <EnumerationValue xmlns="http://schemas.microsoft.com/2003/10/Serialization/">8</EnumerationValue>
          </xs:appinfo>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="ApplicationMessageType" nillable="true" type="tns:ApplicationMessageType"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain">

```

```
<xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases"/>
<xs:complexType name="ArrayOfInvoiceModel">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="InvoiceModel" nillable="true" type="tns:InvoiceModel"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfInvoiceModel" nillable="true" type="tns:ArrayOfInvoiceModel"/>
<xs:complexType name="InvoiceModel">
  <xs:complexContent mixed="false">
    <xs:extension base="q1:ViewModelBase" xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
      <xs:sequence>
        <xs:element minOccurs="0" name="CustomerAddress1" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerAddress2" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerCity" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerName" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerNumber" type="xs:decimal"/>
        <xs:element minOccurs="0" name="CustomerPoNbr" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerState" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="CustomerUnitNumber" type="xs:decimal"/>
        <xs:element minOccurs="0" name="CustomerZip" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcAddress1" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcAddress2" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcCity" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcFax" type="xs:decimal"/>
        <xs:element minOccurs="0" name="DcName" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcNumber" type="xs:decimal"/>
        <xs:element minOccurs="0" name="DcPhone" type="xs:decimal"/>
        <xs:element minOccurs="0" name="DcState" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DcZip" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="DeliveryDate" type="xs:dateTime"/>
        <xs:element minOccurs="0" name="InvoiceDetails" nillable="true" type="tns:ArrayOfInvoiceDetailModel"/>
        <xs:element minOccurs="0" name="InvoiceNbr" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="RefInvoiceNbr" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="InvoiceModel" nillable="true" type="tns:InvoiceModel"/>
<xs:complexType name="ArrayOfInvoiceDetailModel">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="InvoiceDetailModel" nillable="true" type="tns:InvoiceDetailModel"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfInvoiceDetailModel" nillable="true" type="tns:ArrayOfInvoiceDetailModel"/>
<xs:complexType name="InvoiceDetailModel">
  <xs:complexContent mixed="false">
    <xs:extension base="q2:ViewModelBase" xmlns:q2="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
      <xs:sequence>
        <xs:element minOccurs="0" name="CustomerGINbr" type="xs:decimal"/>
        <xs:element minOccurs="0" name="CustomerItemNbr" type="xs:decimal"/>
        <xs:element minOccurs="0" name="ExtendedPrice" type="xs:decimal"/>
        <xs:element minOccurs="0" name="InvoiceNbr" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="ItemOrdered" type="xs:decimal"/>
        <xs:element minOccurs="0" name="ItemOrderedDesc" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="ItemShipped" type="xs:decimal"/>
        <xs:element minOccurs="0" name="ItemShippedDesc" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="Note" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="PoundsShipped" type="xs:decimal"/>
        <xs:element minOccurs="0" name="ProcessReasonCode" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="QuantityOrdered" type="xs:decimal"/>
        <xs:element minOccurs="0" name="QuantityShipped" type="xs:decimal"/>
        <xs:element minOccurs="0" name="TaxAmount" type="xs:decimal"/>
        <xs:element minOccurs="0" name="UnitDeliveryFee" type="xs:decimal"/>
        <xs:element minOccurs="0" name="UnitPrice" type="xs:decimal"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="InvoiceDetailModel" nillable="true" type="tns:InvoiceDetailModel"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
  <xs:complexType name="ViewModelBase">
    <xs:sequence>
```

```

    <xs:element minOccurs="0" name="Messages" nillable="true" type="q1:ArrayOfApplicationMessage"
xmlns:q1="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
  <xs:element minOccurs="0" name="ValidationErrors" nillable="true" type="q2:ArrayOfAnyType"
xmlns:q2="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ViewModelBase" nillable="true" type="tns:ViewModelBase"/>
<xs:complexType name="ValidationResult">
  <xs:sequence>
    <xs:element minOccurs="0" name="ClassContextTransport" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="ValidationResult" nillable="true" type="tns:ValidationResult"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
  <xs:complexType name="ArrayOfAnyType">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="anyType" nillable="true" type="xs:anyType"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfAnyType" nillable="true" type="tns:ArrayOfAnyType"/>
</xs:schema>
</Schemas>

```

6. OrderingService: SubmitBuildTo

UriTemplate	https://www.mbmeserv.com/services/OrderingService.svc/BuildTo
Method	POST
Request Format	xml or json
Response Format	Xml
Description	Adds a new Build-To list for the specified customer. Removes any previously web service submitted Build-To lists. User created lists are not removed.

6.1. Request Example

```

<BuildToSubmission xmlns="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain">
  <CustomerBuildToModels>
    <BuildToModel>
      <BuildToItems>
        <BuildToItemModel>
          <ItemNumber>1234</ItemNumber>
          <Par>3</Par>
        </BuildToItemModel>
      </BuildToItems>
      <CustomerNbr>1234569</CustomerNbr>
      <Name>Multiple Customer Submit Test Corporate Built To</Name>
    </BuildToModel>
    <BuildToModel>
      <BuildToItems>
        <BuildToItemModel>
          <ItemNumber>55481</ItemNumber>
          <Par>2</Par>
        </BuildToItemModel>
      </BuildToItems>
      <CustomerNbr>12345556</CustomerNbr>
      <Name>Multiple Customer Submit Test Corporate Built To</Name>
    </BuildToModel>
  </CustomerBuildToModels>
</BuildToSubmission>

```

6.2. Request Schema

```

<Schemas>
  <xs:schema 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:schema>
</Schemas>

```

```
<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 elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Domain">
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases"/>
  <xs:complexType name="BuildToModel">
    <xs:complexContent mixed="false">
      <xs:extension base="q1:ViewModelBase">
        <xs:sequence>
          <xs:element minOccurs="0" name="BuildToItems" nillable="true" type="tns:ArrayOfBuildToItemModel"/>
          <xs:element minOccurs="0" name="CustomerNbr" type="xs:decimal"/>
          <xs:element minOccurs="0" name="Name" nillable="true" type="xs:string"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:element name="BuildToModel" nillable="true" type="tns:BuildToModel"/>
  <xs:complexType name="ArrayOfBuildToItemModel">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="BuildToItemModel" nillable="true" type="tns:BuildToItemModel"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfBuildToItemModel" nillable="true" type="tns:ArrayOfBuildToItemModel"/>
  <xs:complexType name="BuildToItemModel">
    <xs:complexContent mixed="false">
      <xs:extension base="q2:ViewModelBase">
        <xs:sequence>
          <xs:element minOccurs="0" name="MbmItemNumber" nillable="true" type="xs:int"/>
          <xs:element minOccurs="0" name="Par" nillable="true" type="xs:int"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:element name="BuildToItemModel" nillable="true" type="tns:BuildToItemModel"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Web.Models.Bases">
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
  <xs:complexType name="ViewModelBase">
    <xs:sequence>
      <xs:element minOccurs="0" name="Messages" nillable="true" type="q1:ArrayOfApplicationMessage"/>
    </xs:sequence>
  </xs:complexType>
</xs:schema>
```

```
<xs:element minOccurs="0" name="ValidationErrors" nillable="true" type="q2:ArrayOfanyType"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ViewModelBase" nillable="true" type="tns:ViewModelBase"/>
<xs:complexType name="ValidationResult">
  <xs:sequence>
    <xs:element minOccurs="0" name="ClassContextTransport" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="ValidationResult" nillable="true" type="tns:ValidationResult"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages">
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/" />
  <xs:complexType name="ArrayOfApplicationMessage">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfApplicationMessage" nillable="true" type="tns:ArrayOfApplicationMessage"/>
  <xs:complexType name="ApplicationMessage">
    <xs:sequence>
      <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="MessageType" type="tns:ApplicationMessageType"/>
      <xs:element minOccurs="0" name="MessageTypeString" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>
  <xs:simpleType name="ApplicationMessageType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Information">
        <xs:annotation>
          <xs:appinfo>
            <EnumerationValue>1</EnumerationValue>
          </xs:appinfo>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="Warning">
        <xs:annotation>
          <xs:appinfo>
            <EnumerationValue>2</EnumerationValue>
          </xs:appinfo>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="Error">
        <xs:annotation>
          <xs:appinfo>
            <EnumerationValue>4</EnumerationValue>
          </xs:appinfo>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="Success">
        <xs:annotation>
          <xs:appinfo>
            <EnumerationValue>8</EnumerationValue>
          </xs:appinfo>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="ApplicationMessageType" nillable="true" type="tns:ApplicationMessageType"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
  <xs:complexType name="ArrayOfanyType">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="anyType" nillable="true" type="xs:anyType"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfanyType" nillable="true" type="tns:ArrayOfanyType"/>
</xs:schema>
</Schemas>
```


6.3. Response Schema

```

<Schemas>
<xs:schema 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*(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 elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.Common">
<xs:import namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages"/>
<xs:complexType name="ServiceResultOfboolean">
<xs:annotation>
<xs:appinfo>
<GenericParameter Name="ServiceResultOf{0}{#}" Namespace="http://schemas.datacontract.org/2004/07/Mbm.Core.Common">
<GenericParameter Name="boolean" Namespace="http://www.w3.org/2001/XMLSchema"/>
</GenericParameter>
</xs:appinfo>
</xs:annotation>
<xs:sequence>
<xs:element minOccurs="0" name="IsError" type="xs:boolean"/>
<xs:element minOccurs="0" name="IsInvalid" type="xs:boolean"/>
<xs:element minOccurs="0" name="IsMissing" type="xs:boolean"/>
<xs:element minOccurs="0" name="IsSuccess" type="xs:boolean"/>
<xs:element minOccurs="0" name="Messages" nillable="true" type="q1:ArrayOfApplicationMessage"/>
<xs:element minOccurs="0" name="NoChanges" type="xs:boolean"/>
<xs:element minOccurs="0" name="Outcome" type="tns:ServiceOutcome"/>
<xs:element minOccurs="0" name="StaleObject" type="xs:boolean"/>
<xs:element minOccurs="0" name="ViewModel" type="xs:boolean"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ServiceResultOfboolean" nillable="true" type="tns:ServiceResultOfboolean"/>
<xs:simpleType name="ServiceOutcome">
<xs:restriction base="xs:string">
<xs:enumeration value="Error"/>
<xs:enumeration value="Missing"/>
<xs:enumeration value="Invalid"/>
<xs:enumeration value="Success"/>
<xs:enumeration value="NoChanges"/>
<xs:enumeration value="StaleObject"/>
</xs:restriction>

```

```
</xs:restriction>
</xs:simpleType>
<xs:element name="ServiceOutcome" nillable="true" type="tns:ServiceOutcome"/>
</xs:schema>
<xs:schema elementFormDefault="qualified" targetNamespace="http://schemas.datacontract.org/2004/07/Mbm.Core.ApplicationMessages">
<xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/" />
<xs:complexType name="ArrayOfApplicationMessage">
<xs:sequence>
<xs:element minOccurs="0" maxOccurs="unbounded" name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfApplicationMessage" nillable="true" type="tns:ArrayOfApplicationMessage"/>
<xs:complexType name="ApplicationMessage">
<xs:sequence>
<xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="MessageType" type="tns:ApplicationMessageType"/>
<xs:element minOccurs="0" name="MessageTypeString" nillable="true" type="xs:string"/>
<xs:element minOccurs="0" name="PropertyName" nillable="true" type="xs:string"/>
</xs:sequence>
</xs:complexType>
<xs:element name="ApplicationMessage" nillable="true" type="tns:ApplicationMessage"/>
<xs:simpleType name="ApplicationMessageType">
<xs:restriction base="xs:string">
<xs:enumeration value="Information">
<xs:annotation>
<xs:appinfo>
<EnumerationValue>1</EnumerationValue>
</xs:appinfo>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="Warning">
<xs:annotation>
<xs:appinfo>
<EnumerationValue>2</EnumerationValue>
</xs:appinfo>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="Error">
<xs:annotation>
<xs:appinfo>
<EnumerationValue>4</EnumerationValue>
</xs:appinfo>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="Success">
<xs:annotation>
<xs:appinfo>
<EnumerationValue>8</EnumerationValue>
</xs:appinfo>
</xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
<xs:element name="ApplicationMessageType" nillable="true" type="tns:ApplicationMessageType"/>
</xs:schema>
</Schemas>
```