



Opera Hotel Edition



Opera Electronic Distribution Systems (OEDS)

*Information Messaging Specification for OWS 5.1
Document Version 1.1.0*

ORS/PMS Version: 3.0.0+

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Record of Changes

Date	Version	Description	Author
29 Sep 2004	1.0.0	Initial Release	M.Kuklani
19 Sep 2005	1.1.0	<ul style="list-style-type: none"> • Reformatted Document • Added LovQuery2 Request/Reponse • Added samples for RateRequest and HotelInformation • Added CurrencyConverter • Added Summary Section 	E. Morgenstern

Notes

WSDL document described by this document can be found at:

<http://webservices.micros.com/ows/5.1/Information.wsdl>

Associated schema (XSD) documents can be found at:

<http://webservices.micros.com/og/4.3/Core.xsd>

<http://webservices.micros.com/og/4.3/Common.xsd>

<http://webservices.micros.com/og/4.3/HotelCommon.xsd>

<http://webservices.micros.com/og/4.3/Name.xsd>

Information Web Service Summary

QueryHotelInformation

Retrieves contact and extended information about a hotel

Returns: chainCode, hotelCode, Property Name, Full Address, Phone, Fax, Email, TimeZone, Grade (Property Type) Check In/Out Times, Directions(button), All notes not set to internal, Accepted Payment Methods, Total Number of Rooms, Each Channel Room with Channel code, max occupancy, and description, Restaurants & POS's setup in Property Details.

QueryLov

Retrieves list of values for a specified query type

Address Type → Returns all address types

Airports → Returns all airports

Airports by Resort → Returns all airports for specified resort

Attractions → Returns all attractions

Attractions by Resort → Returns all attractions for specified resort

BrochureType → Returns all RequestTypes based on OEDS login (ORS or PMS)

BrochureType by Resort → Returns RequestTypes for specified resort

ChainCode → Returns all chains

Cities by Country → Returns cities according to specified country

Cities by Country and Chain → Returns cities for specified country and chain

Country Codes → Returns all country codes

Country Codes by Chain → Returns county codes for specified chain code

CreditCard by Channel and Resort → Returns credit cards configured for specified channel and resort

CROCode → Returns all configured CROs

CurrencyCode by Channel → Returns currency codes configured for specified channel

Feature by Resort → Returns room features for specified resort.

GDSPropertyCode by Channel → Returns GDS Property code for resorts configured for specified channel

GuaranteeTypes by Channel → Returns guarantee types for specified channel

GuaranteeTypes by Channel and Resort → Returns guarantee types for specified channel and resort

MarketingCity → Returns marketing cities

MarketingCity by Resort → Returns marketing cities for specified resort.

MarketingRegions → Returns marketing regions

MembershipLevel byType → Returns membership levels for specified membership type

MembershipType → Returns membership types

NameTypes → Returns name types

Phone Role → Returns phone roles

Phone Type → Returns phone types

PreferenceValue by Type and Resort → Returns the non-global preferences for specified preferenceType and Resort

PropertyCode → Returns resorts

PropertyType → Returns property types

RegionCode → Returns region codes

ResortUserAccess → Returns resorts based on login (On Behalf).

ResortUserNoAccess → Returns all resorts

RoomTypes by Channel and Resort → Returns all configured room types for specified channel and resort

State → Returns all states grouped by country

State by Country → Returns states for specified country

Titles → Returns all titles

CurrencyConverter

A helper method for converting currencies

Inputs: FromCurrencyCode, FromCurrencyAmount, ToCurrencyCode, Exchange Type

Returns: Converted Amount

QueryRate

Retrieves detailed information about the requested rate

Inputs: hotelCode, rateCode, StayDates

QueryLov

Soap Action: <http://webservices.micros.com/ows/5.1/Information.wsdl#QueryLov>

LovRequest for ChainCode

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="KEMP" systemType="WEB"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>CHAINCODE</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	The Entity for which Lov is required

LovQueryType				
<xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Additional formatter for the Lov

LovResponse For ChainCode

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="KEMP" systemType="WEB"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
xmlns:c="http://webservices.micros.com/og/4.3/Core/" xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Blago's Chain">BLAGO</LovValue>
        <LovValue description="Bussi Hotel Chain">BUS</LovValue>
        <LovValue description="CHA">CHA</LovValue>
        <LovValue description="CLIFF CHAIN NAME">CLIFF CHAIN</LovValue>
        <LovValue description="Coast Family of Hotels">WC</LovValue>
        <LovValue description="Edgar's Upmost Quality">EUQ</LovValue>
        <LovValue description="Helsig 1">HEL1</LovValue>
        <LovValue description="I">I</LovValue>
        <LovValue description="Kempinski">KEMPI</LovValue>
        <LovValue description="MYFIDELIO.NET">MYFIDELIO</LovValue>
        <LovValue description="My Fidelio">MF</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovResponse

```
<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="Result" type="hc:GDSResultStatus" />
    <xs:element name="LovQueryResult" type="s0:LovQueryResultType" maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Result	element	hc:GDSResultStatus	Required	Gives the status of the request
LovQueryResult	element	s0:LovQueryResultType	Required	Result of the query

GDSResultStatus

```
<xs:complexType name="GDSResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation xml:lang="en">
      Extends "regular" ResultStatus object to include the possibility of returning various predefined error codes
      and responses. Used primarily for ADS / GDS interfaces.</xs:documentation>
    </xs:annotation>
  <xs:complexContent>
    <xs:extension base="c:ResultStatus">
      <xs:sequence>
        <xs:element name="GDSError" type="GDSError" minOccurs="0">
          <xs:annotation>
            <xs:documentation xml:lang="en">
              Encapsulates three values required to support Pegasus / Wizcom error
              handling.</xs:documentation>
            </xs:annotation>
          </xs:element>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
```

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<pre> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>				
Extends	ResultStatus			
Name	Type	Data Type	Use	Comments
GDSError	element	GDSError	optional	Used only in the event of an error segment, code and message for an error during transaction

ResultStatus <pre> <xs:complexType name="ResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="Text" type="tns:TextList" minOccurs="0" /> <xs:element name="IDs" type="tns:IDPairList" minOccurs="0" /> </xs:sequence> <xs:attribute name="resultStatusFlag" type="tns:ResultStatusFlag" /> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comments
Text	element	tns:TextList	Optional	Error in case of an error
IDs	element	tns:IDPairList	Optional	Not used in this context
resultStatusFlag	attribute	tns:ResultStatusFlag	Required	SUCCESS if success and FAIL if failed

TextList <pre> <xs:complexType name="TextList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="TextElement" type="tns:Text" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comments
TextElement	element	tns:Text	Optional	Returns the error message if error or null if success

Text <pre> <xs:complexType name="Text" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:normalizedString"> <xs:attribute name="formatted" type="xs:boolean" use="optional" /> <xs:attribute name="language" type="xs:language" use="optional" /> </xs:extension> </xs:simpleContent> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comments
formatted	attribute	xs:boolean	Optional	Not used in this context
language	attribute	xs:language	Optional	Not used in this context

IDPairList <pre> <xs:complexType name="IDPairList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="IDPair" type="tns:IDPair" minOccurs="0" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType> </pre>				
---	--	--	--	--

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</xs:sequence> </xs:complexType>				
Name	Type	Data Type	Use	Comments
IDPair	element	tns:IDPair		Not used in this context

IDPair				
<xs:complexType name="IDPair" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:attribute name="idType" type="xs:string" /> <xs:attribute name="operaId" type="xs:long" /> <xs:attribute name="externalId" type="xs:string" /> </xs:complexType>				
Name	Type	Data Type	Use	Comments
idType	attribute	xs:string	Required	Not used in this context
operaId	attribute	xs:long	Required	Not used in this context
externalId	attribute	xs:string	Required	Not used in this context

LovQueryResultType				
<xs:complexType name="LovQueryResultType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovValue" type="s0:LovValueType" /> </xs:choice> <xs:attribute name="qualifierType" type="xs:string" use="optional" /> <xs:attribute name="qualifierValue" type="xs:string" use="optional" /> <xs:attribute name="secondaryQualifierType" type="xs:string" use="optional" /> <xs:attribute name="secondaryQualifierValue" type="xs:string" use="optional" /> <xs:attribute name="tertiaryQualifierType" type="xs:string" use="optional" /> <xs:attribute name="tertiaryQualifierValue" type="xs:string" use="optional" /> </xs:complexType>				
Name	Type	Data Type	Use	Comments
LovValue	element	s0:LovValueType		The description and the code for the returned list of values
qualifierType	attribute	xs:string	Optional	Gives the qualifier type used for the lov
qualifierValue	attribute	xs:string	Optional	The value of the qualifier used
secondaryQualifierType	attribute	xs:string	Optional	Secondary type of qualifier used for the query
secondaryQualifierValue	attribute	xs:string	Optional	Secondary value of the qualifier type used for the query
tertiaryQualifierType	attribute	xs:string	Optional	Tertiary type of qualifier used for the query
tertiaryQualifierValue	attribute	xs:string	Optional	Tertiary value of the qualifier type used for the query

LovValueType				
<xs:complexType name="LovValueType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="description" type="xs:string" use="optional" /> </xs:extension> </xs:simpleContent> </xs:complexType>				
Name	Type	Data Type	Use	Comments
description	attribute	xs:string	optional	The description of the lov retrieved using the query

LovRequest For Name Type

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>NAMETYPE</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"NAMETYPE"

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	None for this instance

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used for this instance

LovResponse For Name Type

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
```

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```

<soap:Header>
  <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
    <Origin entityID="TI" systemType="ORS"/>
    <Destination entityID="1P" systemType="GDS"/>
  </OGHeader>
</soap:Header>
<soap:Body>
  <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
    <Result resultStatusFlag="SUCCESS"/>
    <LovQueryResult>
      <LovValue description="Company">COMPANY </LovValue>
      <LovValue description="Individual">D</LovValue>
      <LovValue description="Travel Agent">TRAVEL_AGENT</LovValue>
    </LovQueryResult>
  </LovResponse>
</soap:Body>
</soap:Envelope>

```

LovRequest For Title

```

<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>TITLE</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>

```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"TITLE"

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Not used in this context

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used for this instanct

LovResponse For Title

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Adi">Adi</LovValue>
        <LovValue description="Admiral">Admiral</LovValue>
        <LovValue description="Ambassador">Ambassador</LovValue>
        <LovValue description="Ambassador+Wife">Ambassador+Wife</LovValue>
        ...
        <LovValue description="Yd Pertuan Besar">Yd Pertuan Besar</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Address Type

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>ADDRESSTYPE</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence></pre>

This document has been prepared by Fidelio Technologies, Inc. and is being furnished to a select group of individuals for informational purposes. This is a confidential document that contains ideas, concepts, methods, and other proprietary information. Readers are to treat the information contained herein as confidential.

<pre> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"ADDRESSTYPE" for this context.

LovQueryType <pre> <xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Not used in this context

LovQueryQualifierType <pre> <xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used for this instant

LovResponse For Address Type

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Billing Address">BILLING_TO</LovValue>
        <LovValue description="Business Address">BUSINESS</LovValue>
        <LovValue description="Home">HOME</LovValue>
        <LovValue description="Residence Address">RESIDENCE</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>

```


LovRequest For Phone Type

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>PHONETYPE</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"PHONETYPE" for this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Not used in this context

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used for this instant

LovResponse For Phone Type

```
<?xml version="1.0" encoding="utf-8"?>
```

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Business Phone Number">BUSINESS</LovValue>
        <LovValue description="Email Address">EMAIL</LovValue>
        <LovValue description="Other Email Address">EMAIL OTHER</LovValue>
        <LovValue description="Travel Agent Email Address">EMAIL TRAVEL</LovValue>
        <LovValue description="Fax Number">FAX</LovValue>
        <LovValue description="Home Phone Number">HOME</LovValue>
        <LovValue description="Mobile Phone Number">MOBILE</LovValue>
        <LovValue description="Website Address">WEB</LovValue>
        <LovValue description="Web Page">WEBPAGE</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>

```

LovRequest For Phone Role

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>PHONEROLE </LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQuery Type	Required	"PHONEROLE" for this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Not used in this context

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used for this instant

LovResponse For Phone Role

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description=" ">EMAIL</LovValue>
        <LovValue description=" ">FAX</LovValue>
        <LovValue description=" ">PHONE</LovValue>
        <LovValue description=" ">WEBPAGE</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Credit Card Type

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>CREDITCARDTYPE<LovQueryQualifier
qualifierType="HOST">AA</LovQueryQualifier>
      <LovQueryQualifier qualifierType="RESORT">HBKC</LovQueryQualifier></LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"CREDITCARDTYPE" for this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Needs to have couple

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				qualifiers, one for the channel and the other for the resort
--	--	--	--	---

LovResponse For Credit Card Type

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="HOST" qualifierValue="AA"
        secondaryQualifierType="RESORT" secondaryQualifierValue="HBKC">
        <LovValue description="Visa">VA</LovValue>
        <LovValue description="Visa Card">VI</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Membership Type

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>MEMBERSHIPTYPE</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"MEMBERSHIPTYPE" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Not used in this context

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used for this instance

LovResponse For Membership Type

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="American Airlines">AA</LovValue>
        <LovValue description="American Automobile Associatio">AAA</LovValue>
        <LovValue description="Air China Companion Club">ACH</LovValue>
        <LovValue description="Air Canada Aeroplan">AER</LovValue>
        <LovValue description="Aeroplan">AP</LovValue>
        <LovValue description="Asiana Airlines Asiana Club">ASN</LovValue>
        <LovValue description="SAS Scandinavian Airlines">SK</LovValue>
        <LovValue description="Special Guest">SPG</LovValue>
        <LovValue description="Singapore Airlines KrisFlyer">SQY</LovValue>
        <LovValue description="TWA Airlines">TW</LovValue>
        <LovValue description="United Airlines Mileage Plus">UMP</LovValue>
        <LovValue description="Virgin Atlantic Airways Flying Club">VIF</LovValue>
        <LovValue description="South African Airways Voyager">VOY</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Membership Level

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>MEMBERSHIPLEVEL<LovQueryQualifier
        qualifierType="MEMBERSHIPTYPE">GC</LovQueryQualifier></LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"MEMBERSHIPLEVEL" for this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Needs to specify the

This document has been prepared by Fidelio Technologies, Inc. and is being furnished to a select group of individuals for informational purposes. This is a confidential document that contains ideas, concepts, methods, and other proprietary information. Readers are to treat the information contained herein as confidential.

				membership level for which membership type
--	--	--	--	---

LovResponse for Membership Level

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="MEMBERSHIPTYPE" qualifierValue="GC">
        <LovValue description="Classic">0</LovValue>
        <LovValue description="Executive">1</LovValue>
        <LovValue description="Elite">2</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Preference Type

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>PREFERENCETYPE</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"PREFERENCETYPE" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Not used in this context

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used for this instant

LovResponse For Preference Type

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Non-Smoking\Smoking Preference">SMOKING</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Preference Value

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>PREFERENCEVALUE<LovQueryQualifier
qualifierType="PREFERENCETYPE">SMOKING</LovQueryQualifier></LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"PREFERENCEVALUE" for this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	The qualifier has to be a

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				preferencetype.
--	--	--	--	-----------------

LovResponse For Preference Value

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="PREFERENCE" qualifierValue="">
        <LovValue description="Non Smoking">NS</LovValue>
        <LovValue description="Smoking">S</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Airport

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>AIRPORT</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"AIRPORT" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Airport

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Bei Hai Airport">BHY</LovValue>
        <LovValue description="Bangkok International Airport">BKK</LovValue>
        <LovValue description="Dubai International Airport">DXB</LovValue>
        <LovValue description="Chek Lap Kok International Airport">HKG</LovValue>
        <LovValue description="Tai Ping International Airport">HRB</LovValue>
        <LovValue description="Miami International Airport">MIA</LovValue>
        <LovValue description="Ninoy Aquino International Airport">MNL</LovValue>
        <LovValue description="Nadi International Airport">NAN</LovValue>
        <LovValue description="Capital Airport">PEK</LovValue>
        <LovValue description="Penang International Airport">PEN</LovValue>
        <LovValue description="Fort Myers Internaltional Aiport">RSW</LovValue>
        <LovValue description="South West Florida Internationl Airport sfw">SFW</LovValue>
        <LovValue description="Kingsford Smith International Airport">SYD</LovValue>
        <LovValue description="Liuting Airport">TAO</LovValue>
        <LovValue description="Wuhan Tianhe International Airport">WUH</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Attraction

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>ATTRACTION</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"ATTRACTION" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Attraction

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Silver Beach">BHY01</LovValue>
        <LovValue description="Beach Park">BHY02</LovValue>
        <LovValue description="Beihai Old Street">BHY03</LovValue>
        <LovValue description="Ocean Museum">BHY04</LovValue>
        <LovValue description="Waisha Seafood Street">BHY05</LovValue>
        <LovValue description="Weizou Island">BHY06</LovValue>
        <LovValue description="Star Island Lake">BHY07</LovValue>
        <LovValue description="Red Forest">BHY08</LovValue>
        <LovValue description="Pudu Zhen Gong Temple">BHY09</LovValue>
        <LovValue description="Guantou Mountain">BHY10</LovValue>
        <LovValue description="Qiao Gang">BHY11</LovValue>
        <LovValue description="Dashi Pavilion">BHY12</LovValue>
        <LovValue description="Wen Chang Pagoda">BHY13</LovValue>
        <LovValue description="Ruins of Ancient Bailong City">BHY14</LovValue>
        <LovValue description="Hepu Museum">BHY15</LovValue>
        <LovValue description="State Musuem">BKI01</LovValue>
        <LovValue description="Tunku Abdul Rahman Marine Park">BKI02</LovValue>
        <LovValue description="Monsopiad Culture Village">BKI03</LovValue>
        <LovValue description="Central Market">BKI04</LovValue>
        <LovValue description="Coral Islands">BKI05</LovValue>
        <LovValue description="The Guiyuan Temple">WUH08</LovValue>
        <LovValue description="Mulan Lake/Mulan Hill">WUH09</LovValue>
        <LovValue description="Moshan The Mill Hill">WUH10</LovValue>
        <LovValue description="Wingchuan Pavilion">WUH11</LovValue>
        <LovValue description="Baotong Temple">WUH12</LovValue>
        <LovValue description="Panglong Town">WUH13</LovValue>
        <LovValue description="Former Site Of The 1911 Revolution">WUH14</LovValue>
        <LovValue description="Wuhan Tech And Industrial Zone">WUH15</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Property Type

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>PROPERTYTYPE</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"PROPERTYTYPE" for this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Property Type

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="City Hotel">CTY</LovValue>
        <LovValue description="Sales Force Automation">SFA</LovValue>
        <LovValue description="Resort">RES</LovValue>
        <LovValue description="Traders Hotel">TRA</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Feature

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>FEATURE </LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"FEATURE" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Feature

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Garden View">GV</LovValue>
        <LovValue description="King Size Bed">KS</LovValue>
        <LovValue description="Twin Bed">TW</LovValue>
        <LovValue description="High Floor">HF</LovValue>
        <LovValue description="Low Floor">LF</LovValue>
        <LovValue description="Away From Elevator">AE</LovValue>
        <LovValue description="Near Elevator">NE</LovValue>
        <LovValue description="Corner Room">CO</LovValue>
        <LovValue description="Near Exit">NX</LovValue>
        <LovValue description="Room For Handicapped">HC</LovValue>
        <LovValue description="Golden Circle Floor">GC</LovValue>
        <LovValue description="Atrium View">AV</LovValue>
        <LovValue description="City View">CV</LovValue>
        <LovValue description="L-Block">LB</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Currency Code

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>CURRENCYCODE<LovQueryQualifier
        qualifierType="HOST">AA</LovQueryQualifier></LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest

```
<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="LovQuery" type="s0:LovQueryType" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"CURRENCYCODE" in this context

LovQueryType

```
<xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:choice minOccurs="0" maxOccurs="unbounded">
    <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" />
  </xs:choice>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType

```
<xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="qualifierType" type="xs:string" use="required" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Qualifier to specify for which

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				Channel does this needs to be fetched
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LovResponse For Currency Code

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="HOST" qualifierValue="AA">
        <LovValue description="US Dollar">USD</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Chain Code

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>CHAINCODE</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"CHAINCODE" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Chain Code

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Peninsula Hotels">PEN</LovValue>
        <LovValue description="Shangri-La Hotels and Resorts Group">SG</LovValue>
        <LovValue description="CHA">CHA</LovValue>
        <LovValue description="test">CHB</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Cro Code

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>CROCODE </LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"CROCODE" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Cro Code

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description=" ">CRO</LovValue>
        <LovValue description=" ">HKRRC</LovValue>
        <LovValue description=" ">PEN</LovValue>
        <LovValue description=" ">TYORRC</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```


LovRequest For Marketing City

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>MARKETINGCITY</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"MARKETINGCITY" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Marketing City

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description=" ">MARCO</LovValue>
        <LovValue description=" ">NAPLES</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Marketing Regions

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>MAEKETINGREGIONS</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"MARKETINGREGIONS" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Marketing Regions

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="20 Characters Region">12345678912345678910</LovValue>
        <LovValue description="Florida">FLORIDA</LovValue>
        <LovValue description="Georgia">GEORGIA</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Region Code

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>REGIONCODE </LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"REGIONCODE" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Region Code

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="China">CN</LovValue>
        <LovValue description="Hong Kong">HK</LovValue>
        <LovValue description="India">IN</LovValue>
        <LovValue description="Indonesia">ID</LovValue>
        ...
        <LovValue description="Africa">AF</LovValue>
        <LovValue description="South South">SS</LovValue>
        <LovValue description="Sweden">SE</LovValue>
        <LovValue description="United States of America">US</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Property Code

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>PROPERTYCODE </LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"PROPERTYCODE" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Property Code

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Opera Demo Hotel, Tiny">CKD</LovValue>
        <LovValue description="China World Hotel, Beijing">CWH</LovValue>
        <LovValue description="Delux INN">DELUX</LovValue>
        ...
        <LovValue description="Edsa Shangri-La, Manila">ESL</LovValue>
        <LovValue description="Traders Hotel, Yangon">THYN</LovValue>
        <LovValue description="Traders Hotel, Shenyang">TSHY</LovValue>
        <LovValue description="yes">YE</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```


LovRequest For Brochure Type

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>BROCHURETYPE<LovQueryQualifier
qualifierType="RESORT">HBKC</LovQueryQualifier></LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"BROCHURETYPE" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Qualifier needs to specify for

				which resort types need to be fetched
--	--	--	--	---------------------------------------

LovResponse For Brochure Type

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="RESORT" qualifierValue="HBKC">
        <LovValue description="aaa">AAA</LovValue>
        <LovValue description="Brochure Two">BRO2</LovValue>
        <LovValue description="Brochure for Property design">BRO3</LovValue>
        <LovValue description="Brochure describing the frequently asked questions during a
stay.">STAYFAQ</LovValue>
        <LovValue description="Test New">TEST</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Country Codes

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>COUNTRYCODES</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"COUNTRYCODES" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Country Codes

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Own Country Code">??</LovValue>
        <LovValue description="Andorra">AD</LovValue>
        <LovValue description="United Arab Emirates">AE</LovValue>
        ...
        <LovValue description="Anguilla">AI</LovValue>
        <LovValue description="Mayote">YT</LovValue>
        <LovValue description="Yugoslavia">YU</LovValue>
        <LovValue description="Unknown">ZZZ</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Country Code restricted by Chain Code

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>COUNTRYCODES<LovQueryQualifier
qualifierType="CHAINCODE">SG</LovQueryQualifier></LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest

```
<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="LovQuery" type="s0:LovQueryType" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"COUNTRYCODES" in this context

LovQueryType

```
<xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:choice minOccurs="0" maxOccurs="unbounded">
    <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" />
  </xs:choice>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType

```
<xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="qualifierType" type="xs:string" use="required" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Qualifier need to specify the

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				records needs to be fetched for which chaincode
--	--	--	--	--

LovResponse For Country Code restricted by Chain Code

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="CHAINCODE" qualifierValue="SG">
        <LovValue description="United Arab Emirates">AE</LovValue>
        <LovValue description="Australia">AU</LovValue>
        ...
        <LovValue description="Philippines">PH</LovValue>
        <LovValue description="Singapore">SG</LovValue>
        <LovValue description="United States">US</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```


LovRequest For Country Code for Approved properties

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>COUNTRYCODES<LovQueryQualifier
        qualifierType="CHAINCODE">SG</LovQueryQualifier>
        <LovQueryQualifier
          qualifierType="ApprovedOnly">APPROVED</LovQueryQualifier></LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"COUNTRYCODES" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional fomatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				

Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Qualifier to specify the chaincode and approved properties for the user

LovResponse For Country Codes for Approved properties

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="CHAINCODE" qualifierValue="SG"
        secondaryQualifierType="ApprovedOnly" secondaryQualifierValue="APPROVED">
        <LovValue description="Andorra">AD</LovValue>
        ...
        <LovValue description="Australia">AU</LovValue>
        <LovValue description="United States">US</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Resort User Has Access

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>RESORTUSERACCESS</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"RESORTUSERACCESS" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Resort User Has Access

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Opera Demo Hotel, Tiny">CKD</LovValue>
        <LovValue description="China World Hotel, Beijing">CWH</LovValue>
        <LovValue description="Delux INN">DELUX</LovValue>
        <LovValue description="Didi">DIDI</LovValue>
        <LovValue description="Edsa Shangri-La, Manila">ESL</LovValue>
        ...
        <LovValue description="Shangri-La's Fijian Resort, Yanuca">FIJ</LovValue>
        <LovValue description="Opera Demo Hotel, Medium">HBKC</LovValue>
        <LovValue description="Traders Hotel, Shenyang">TSHY</LovValue>
        <LovValue description="yes">YE</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Properties user does not have access

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>RESORTUSERNOACCESS</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"RESORTUSERNOACCESS" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Properties user does not have access

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Opera Demo Hotel, Tiny">CKD</LovValue>
        <LovValue description="China World Hotel, Beijing">CWH</LovValue>
        <LovValue description="Delux INN">DELUX</LovValue>
        <LovValue description="Edsa Shangri-La, Manila">ESL</LovValue>
        ...
        <LovValue description="Shangri-La's Fijian Resort, Yanuca">FIJ</LovValue>
        <LovValue description="Traders Hotel, Shenyang">TSHY</LovValue>
        <LovValue description="yes">YE</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Company Traveller

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>COMPANYTRAVELLER</LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"COMPANYTRAVELLER" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For Company Traveller

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="John Smith">20049</LovValue>
        <LovValue description="Joe User">20050</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For State

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>STATE<LovQueryQualifier qualifierType="COUNTRY" /></LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"STATE" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Not used in this context

LovResponse For State

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micos.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micos.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="COUNTRY" qualifierValue="AU">
        <LovValue description="Australian Capital Territory">ACT</LovValue>
        ...
        <LovValue description="New South Wales">NSW</LovValue>
      </LovQueryResult>
      <LovQueryResult qualifierType="COUNTRY" qualifierValue="CA">
        <LovValue description="Alberta">AB</LovValue>
        ...
        <LovValue description="British Columbia">BC</LovValue>
      </LovQueryResult>
      <LovQueryResult qualifierType="COUNTRY" qualifierValue="DE">
        <LovValue description="Bayern (Bavaria)">BA</LovValue>
        ...
        <LovValue description="Berlin">BE</LovValue>
      </LovQueryResult>
      <LovQueryResult qualifierType="COUNTRY" qualifierValue="JP">
        <LovValue description="Akita">AA</LovValue>
        ...
        <LovValue description="Aichi">AI</LovValue>
      </LovQueryResult>
      <LovQueryResult qualifierType="COUNTRY" qualifierValue="UK">
        <LovValue description="London">LON</LovValue>
      </LovQueryResult>
      <LovQueryResult qualifierType="COUNTRY" qualifierValue="US">
        <LovValue description="Alaska">AK</LovValue>
        <LovValue description="Alabama">AL</LovValue>
        ...
        <LovValue description="Wyoming">WY</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For State By Country

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>STATEBYCOUNTRY<LovQueryQualifier
qualifierType="COUNTRY">AU</LovQueryQualifier>
      </LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"STATEBYCOUNTRY" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments

qualifierType	attribute	xs:string	Required	Qualifier to specify for which county states are needed
---------------	-----------	-----------	----------	---

LovResponse For State By Country

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="COUNTRY" qualifierValue="AU">
        <LovValue description="Australian Capital Territory">ACT</LovValue>
        <LovValue description="New South Wales">NSW</LovValue>
        ...
        <LovValue description="Tasmania">TAS</LovValue>
        <LovValue description="Victoria">VIC</LovValue>
        <LovValue description="Western Australia">WA</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For GDS Property Code

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>GDSPROPERTYCODE<LovQueryQualifier
qualifierType="CHANNEL">AA</LovQueryQualifier>
      </LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"GDSPROPERTYCODE" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Qualifier to specify the channel

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				for which GDS properties are required
--	--	--	--	---------------------------------------

LovResponse For GDS Property Code

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="HOST" qualifierValue="1A"
        secondaryQualifierType="RESORT" secondaryQualifierValue="HBKC">
        <LovValue description="Opera Demo Hotel, Medium">HBKC</LovValue>
      </LovQueryResult>
      <LovQueryResult qualifierType="HOST" qualifierValue="1A"
        secondaryQualifierType="RESORT" secondaryQualifierValue="SA">
        <LovValue description="Opera Demo Hotel">SA</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Room Types

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>ROOMTYPES<LovQueryQualifier qualifierType="HOST">1A</LovQueryQualifier>
      <LovQueryQualifier qualifierType="RESORT">HBKC</LovQueryQualifier></LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"ROOMTYPES" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Qualifier to specify the channel

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				and the resort for which roomtypes are required
--	--	--	--	---

LovResponse For Room Types

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="HOST" qualifierValue="1A"
        secondaryQualifierType="RESORT" secondaryQualifierValue="HBKC">
        <LovValue description="vin test: SUPERIOR KING">SUK</LovValue>
        <LovValue description="Superior Twin | - SELLING POINT : Spacious room / Modern home
          design / Full bay window / International satellite TV / - VIEW : City or Garden View / - SIZE : 34 sqm /
          - FURNITURE : Coffee table and sofa / Large in-room safe / Luggage rack / Closet / - BUSINESS
          RELATED FEATURES : Free form writing desk with working chair on wheels / Data port / Telephone /
          Free coffee & tea making facilities / - BATHROOM : Bathtub / Separate shower stall / Telephone
          extension">SUT</LovValue>
        <LovValue description="S,Double Bed">D1B</LovValue>
        <LovValue description="PY PY PY PY">PY</LovValue>
        <LovValue description="Executive Suite | - SELLING POINT : Enjoy all Horizon Club
          benefits / Very Spacious / International satellite TV / Modern home design / - VIEW : City or Garden
          View / - SIZE : 68 sqm / - FURNITURE : Coffee table with sofa / Coffee & tea making facilities /
          Luggage rack / Closet / Mini bar & fridge / In room safe / - BUSINESS RELATED FEATURES :
          Free form writing table with working chair on wheels / Data port / Telephone / - BATHROOM : Bathtub
          & Separate shower stall / Telephone extension">VET</LovValue>
        <LovValue description="z1kfdgdf">CZ</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Guarantee Types

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>GUARANTEEYPES<LovQueryQualifier
qualifierType="HOST">1A</LovQueryQualifier>
      <LovQueryQualifier qualifierType="RESORT">HBKC</LovQueryQualifier></LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"GUARANTEEYPES" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments

qualifierType	attribute	xs:string	Required	Qualifier to specify the channel and resort for which guarantee types are required
---------------	-----------	-----------	----------	--

LovResponse For Guarantee Types

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="HOST" qualifierValue="1A" secondaryQualifierType="HOST"
secondaryQualifierValue="HBKC">
        <LovValue description="FIT - GTD">DX</LovValue>
        <LovValue description="FIT - GTD">GX</LovValue>
        <LovValue description="6PM">XX</LovValue>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Cities for a country

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>CITIES<LovQueryQualifier
        qualifierType="COUNTRYCODE">US</LovQueryQualifier></LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"CITIES" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
qualifierType	attribute	xs:string	Required	Qualifier to specify the country for which cities are needed

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LovResponse For Cities for a country

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="COUNTRYCODE" qualifierValue="US"
        secondaryQualifierType="STATECODE" secondaryQualifierValue="FL">
        <LovValue description="Naples"/>
        <LovValue/>
      </LovQueryResult>
      <LovQueryResult qualifierType="COUNTRYCODE" qualifierValue="US"
        secondaryQualifierType="STATECODE" secondaryQualifierValue="NY">
        <LovValue description="Penang"/>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovRequest For Cities for a given chain code

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery>CITIES<LovQueryQualifier
qualifierType="COUNTRYCODE">US</LovQueryQualifier>
      <LovQueryQualifier qualifierType="CHAINCODE">SG</LovQueryQualifier></LovQuery>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

LovRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="LovQuery" type="s0:LovQueryType" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQuery	element	s0:LovQueryType	Required	"CITIES" in this context

LovQueryType				
<pre><xs:complexType name="LovQueryType" mixed="true" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="LovQueryQualifier" type="s0:LovQueryQualifierType" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
LovQueryQualifier	element	s0:LovQueryQualifierType	Optional	Additional formatter to restrict the main lov

LovQueryQualifierType				
<pre><xs:complexType name="LovQueryQualifierType" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="qualifierType" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments

qualifierType	attribute	xs:string	Required	Qualifier to specify the country and chain needed to display
---------------	-----------	-----------	----------	--

LovResponse For Cities sorted by chain code

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="1P" systemType="GDS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult qualifierType="COUNTRYCODE" qualifierValue="US"
        secondaryQualifierType="CHAINCODE" secondaryQualifierValue="SG"
        tertiaryQualifierType="STATECODE" tertiaryQualifierValue="FL">
        <LovValue description="Naples"/>
      </LovQueryResult>
      <LovQueryResult qualifierType="COUNTRYCODE" qualifierValue="US"
        secondaryQualifierType="CHAINCODE" secondaryQualifierValue="SG"
        tertiaryQualifierType="STATECODE" tertiaryQualifierValue="NY">
        <LovValue description="Penang"/>
      </LovQueryResult>
      <LovQueryResult qualifierType="COUNTRYCODE" qualifierValue="US"
        secondaryQualifierType="CHAINCODE" secondaryQualifierValue="SG"
        tertiaryQualifierType="STATECODE">
        <LovValue/>
      </LovQueryResult>
    </LovResponse>
  </soap:Body>
</soap:Envelope>
```

LovQuery2 Request

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="1P" systemType="GDS"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LovRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <LovQuery2>
        <LovIdentifier>CITIES</LovIdentifier>
        <LovQueryQualifier qualifierType="COUNTRYCODE">US</LovQueryQualifier>
      </LovQuery2>
    </LovRequest>
  </soap:Body>
</soap:Envelope>
```

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The main difference between the LovQuery and LovQuery2 is that LovQuery2 has been normalized to have the LovIdentifier as an element rather than freeformat text. The LovQueryQualifier remains the same.

LovQuery2 Response

Remains the same as the LovResponses above.

QueryRate

Soap Action: <http://webservices.micros.com/ows/5.1/Information.wsdl#QueryRate>

Rate Request

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="KEMP" systemType="WEB"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <RateRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <RateQuery hotelCode="ADLON" rateCode="RACK">
        <TimeSpan>
          <hc:StartDate>2005-10-15T00:00:00.000</hc:StartDate>
          <hc:EndDate>2005-10-16T00:00:00.000</hc:EndDate>
        </TimeSpan>
      </RateQuery>
    </RateRequest>
  </soap:Body>
</soap:Envelope>
```

RateRequest

```
<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="RateQuery" type="RateQueryType" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
RateQuery	element	RateQueryType		

RateQueryType

```
<xs:complexType name="RateQueryType" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="TimeSpan" type="TimeSpan" />
  </xs:sequence>
  <xs:attribute name="hotelCode" type="string" use="required" />
  <xs:attribute name="rateCode" type="string" use="required" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
TimeSpan	element	TimeSpan	Optional	This is to be used to find whether a packages is available during the time specified
hotelCode	attribute	string	required	The hotel code of the hotel
rateCode	attribute	string	required	The rate code for which details are required

TimeSpan

```
<xs:complexType name="TimeSpan" xmlns:xs="http://www.w3.org/2001/XMLSchema">
```

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```

<xs:annotation>
  <xs:documentation xml:lang="en">
    Measure of time from a StartDate to either specified EndDate or StartDate plus
    Duration.</xs:documentation>
  </xs:annotation>
<xs:sequence>
  <xs:element name="StartDate" type="dateTime" />
  <xs:choice>
    <xs:annotation>
      <xs:documentation xml:lang="en">
        Allows for a choice in description of the amount of time spanned by this type. EndDate specifies a
        specific date, whild Duration provides a measure of time to add to the StartDate to yield end
        date.</xs:documentation>
      </xs:annotation>
      <xs:element name="EndDate" type="dateTime" />
      <xs:element name="Duration" type="duration" />
    </xs:choice>
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
StartDate	element	dateTime	Optional	The start date to check for any packages
EndDate	element	dateTime	Optional	The end date till when to be checked
Duration	element	duration	Optional	Duration can be used instead of end date to provide for the timespan

Rate Response

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="KEMP" systemType="WEB"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <RateResponse xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
      xmlns:c="http://webservices.micros.com/og/4.3/Core/" xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <RateResult ratePlanCategory="RAC" ratePlanCode="RACK" effectiveDate="2004-03-15"
        expirationDate="2006-07-11" hold="true">
        <hc:RatePlanDescription>
          <hc:Text>Rack Rate</hc:Text>
        </hc:RatePlanDescription>
        <hc:Commission>
          <hc:Comment>
            <hc:Text>Commission policy for travel agents is 0 PERCENT</hc:Text>
          </hc:Comment>
        </hc:Commission>
        <hc:AdditionalDetails>
          <hc:AdditionalDetail detailType="CancelPolicy">
            <hc:AdditionalDetailDescription>
              <hc:Text>CANCEL BY 6PM 14-OCT-05</hc:Text>
            </hc:AdditionalDetailDescription>
          </hc:AdditionalDetail>
          <hc:AdditionalDetail detailType="CommissionPolicy">
            <hc:AdditionalDetailDescription>

```

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```

        <hc:Text>Commission policy for travel agents is 0 PERCENT</hc:Text>
      </hc:AdditionalDetailDescription>
    </hc:AdditionalDetail>
    <hc:AdditionalDetail detailType="Guarantee Policy">
      <hc:AdditionalDetailDescription>
        <hc:Text>Must guarantee room with deposit,AX,MC,VA</hc:Text>
      </hc:AdditionalDetailDescription>
    </hc:AdditionalDetail>
    <hc:AdditionalDetail detailType="MarketingInformation">
      <hc:AdditionalDetailDescription>
        <hc:Text>Thank you for your booking</hc:Text>
      </hc:AdditionalDetailDescription>
    </hc:AdditionalDetail>
    <hc:AdditionalDetail detailType="PenaltyPolicy">
      <hc:AdditionalDetailDescription>
        <hc:Text>Cancel test by to avoid penalty</hc:Text>
      </hc:AdditionalDetailDescription>
    </hc:AdditionalDetail>
  </hc:AdditionalDetails>
</RateResult>
</RateResponse>
</soap:Body>
</soap:Envelope>

```

RateResponse				
<pre> <xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="Result" type="GDSResultStatus" /> <xs:element name="RateResult" type="RatePlan" /> </xs:sequence> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comments
Result	element	GDSResultStatus	Required	The result of the query
RateResult	element	RatePlan	Required	The detail description of the ratecode

GDSResultStatus				
<pre> <xs:complexType name="GDSResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:annotation> <xs:documentation xml:lang="en"> Extends "regular" ResultStatus object to include the possibility of returning various predefined error codes and responses. Used primarily for ADS / GDS interfaces.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="c:ResultStatus"> <xs:sequence> <xs:element name="GDSError" type="GDSError" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en"> Encapsulates three values required to support Pegasus / Wizcom error handling.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>				
Extends		ResultStatus		
Name	Type	Data Type	Use	Comments
GDSError	element	GDSError	optional	Used only in the event of an error segment, code and

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				message for an error during transaction
--	--	--	--	---

ResultStatus

```
<xs:complexType name="ResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="Text" type="tns:TextList" minOccurs="0" />
    <xs:element name="IDs" type="tns:IDPairList" minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="resultStatusFlag" type="tns:ResultStatusFlag" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Text	element	tns:TextList	Optional	Error in case of an error
IDs	element	tns:IDPairList	Optional	Not used in this context
resultStatusFlag	attribute	tns:ResultStatusFlag	Required	SUCCESS if success and FAIL if failed

TextList

```
<xs:complexType name="TextList" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="TextElement" type="tns:Text" maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
TextElement	element	tns:Text	Optional	Returns the error message if error or null if success

Text

```
<xs:complexType name="Text" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleContent>
    <xs:extension base="xs:normalizedString">
      <xs:attribute name="formatted" type="xs:boolean" use="optional" />
      <xs:attribute name="language" type="xs:language" use="optional" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
formatted	attribute	xs:boolean	Optional	Not used in this context
language	attribute	xs:language	Optional	Not used in this context

IDPairList

```
<xs:complexType name="IDPairList" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="IDPair" type="tns:IDPair" minOccurs="0" maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
IDPair	element	tns:IDPair		Not used in this context

IDPair

```
<xs:complexType name="IDPair" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:attribute name="idType" type="xs:string" />
  <xs:attribute name="operaId" type="xs:long" />
  <xs:attribute name="externalId" type="xs:string" />
</xs:complexType>
```

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</xs:complexType>				
Name	Type	Data Type	Use	Comments
idType	attribute	xs:string	Required	Not used in this context
operald	attribute	xs:long	Required	Not used in this context
externalld	attribute	xs:string	Required	Not used in this context

RatePlan				
<pre><xs:complexType name="RatePlan" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="RatePlanDescription" type="Paragraph" minOccurs="0" /> <xs:element name="Commission" type="Commission" minOccurs="0" /> <xs:element name="AdditionalDetails" type="AdditionalDetailList" minOccurs="0" /> <xs:element name="CancellationDateTime" type="CancelDateTime" minOccurs="0" /> </xs:sequence> <xs:attribute name="ratePlanCategory" type="xs:string" /> <xs:attribute name="ratePlanCode" type="xs:string" use="required" /> <xs:attribute name="promotionCode" type="xs:string" /> <xs:attribute name="qualifyingIdType" type="xs:string" /> <xs:attribute name="qualifyingIdValue" type="xs:string" /> <xs:attribute name="effectiveDate" type="xs:date" /> <xs:attribute name="expirationDate" type="xs:date" /> <xs:attribute name="hold" type="xs:boolean" /> <xs:attribute name="mandatoryDeposit" type="xs:boolean" /> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
RatePlanDescription	element	hc:Paragraph	optional	The description of the rate plan
Commission	element	hc:Commission	optional	If the ratecode involves commission then populate it
AdditionalDetails	element	hc:additionalDetailList	optional	Any additional details relating to the rateCode
CancellationDateTime	element	hc:CancelDateTime	required	Provide cancellation date and time
ratePlanCategory	attribute	xs:string	optional	Category of rate plan
ratePlanCode	attribute	xs:string	required	Rate plan code
promotionCode	attribute	xs:string	optional	Promotion code used if any
qualifyingIdType	attribute	xs:string	required	Rate has any qualifying id eg corporate, member etc
qualifyingIdValue	attribute	xs:string	optional	The value of the qualifying id
effectiveDate	attribute	xs:date	optional	Effective date of the rate
expirationDate	attribute	xs:date	optional	Expiration date of the rate
Hold	attribute	xs:Boolean	optional	
mandatoryDeposit	attribute	xs:Boolean	optional	Mandatorydeposit if any associated with the rate code

Paragraph				
<pre><xs:complexType name="Paragraph" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice maxOccurs="99"> <xs:element name="Text" type="c:Text" /> <xs:element name="Image" type="xs:string" /> <xs:element name="URL" type="xs:anyURI" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Text	element	Text	required	Description of rate plan

Image	element	String	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

Text

```
<xs:complexType name="Text" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleContent>
    <xs:extension base="xs:normalizedString">
      <xs:attribute name="formatted" type="xs:boolean" use="optional" />
      <xs:attribute name="language" type="xs:language" use="optional" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Formatted	attribute	boolean	not used	Not used in this context.
Language	attribute	language	not used	Not used in this context.

Commission

```
<xs:complexType name="Commission" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="CommissionPayableAmount" type="c:Amount" />
    <xs:element minOccurs="0" name="Comment" type="Paragraph" />
  </xs:sequence>
  <xs:attribute name="percent" type="Percentage" />
  <xs:attribute name="currencyCode" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
CommissionPayableAmount	element	Amount	optional	If the commission is a specific / literal amount, that value is represented in this element.
Comment	element	Paragraph	not used	Not used in this context.
Percent	attribute	Percentage	optional	If commission is a percentage value, value indicated in this attribute.
currencyCode	attribute	string	optional	If commission is a percentage value, the currency in which commission should/will be paid.

CommissionPayableAmount (Amount)

```
<xs:complexType name="Amount" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleContent>
    <xs:extension base="xs:double">
      <xs:attribute name="currencyCode" type="xs:string" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
currencyCode	attribute	string	optional	The currency code of the value specified in the root amount.

AdditionalDetails (AdditionalDetailList)

```
<xs:complexType name="AdditionalDetailList" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
```

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<pre><xs:element maxOccurs="unbounded" name="AdditionalDetail" type="AdditionalDetail" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
AdditionalDetail	element	AdditionalDetail	required	Collection of AdditionalDetail elements. If parent element is present, one or more AdditionalDetail elements must also exist.

AdditionalDetail <pre><xs:complexType name="AdditionalDetail" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" name="AdditionalDetailDescription" type="Paragraph" /> </xs:sequence> <xs:attribute name="detailType" type="AdditionalDetailType" use="required" /> <xs:attribute name="otherDetailType" type="xs:string" use="optional" /> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
AdditionalDetailDescription	element	Paragraph	optional	Paragraph type that encapsulates the detail description text for this element.
detailType	attribute	AdditionalDetailType	required	The designated type of additional detail (enumerated value).
otherDetailType	attribute	string	optional	If the OTHER enumerated value is selected in detailType attribute, <i>this</i> attribute becomes operationally required.

AdditionalDetailDescription (Paragraph) <pre><xs:complexType name="Paragraph" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice maxOccurs="99"> <xs:element name="Text" type="c:Text" /> <xs:element name="Image" type="xs:string" /> <xs:element name="URL" type="xs:anyURI" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Text	element	Text	required	Actual text value of additional detail to be transferred or retrieved.
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

Text <pre><xs:complexType name="Text" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:normalizedString"> <xs:attribute name="formatted" type="xs:boolean" use="optional" /> <xs:attribute name="language" type="xs:language" use="optional" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Formatted	attribute	boolean	not used	Not used in this context.

Language	attribute	language	not used	Not used in this context.
----------	-----------	----------	----------	---------------------------

CancelDateTime (Root value contains cancellation date time representation)				
<pre><xs:complexType name="CancelDateTime"> <xs:simpleContent> <xs:extension base="xs:dateTime"> <xs:attribute name="period" type="xs:duration" use="optional"/> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
period	attribute	duration	optional	The difference between the check-in time applied to arrival date and the date and time specified in the root value of this element.

QueryHotelInformation

Soap Action: <http://webservices.micos.com/ows/5.1/Information.wsdl#QueryHotelInformation>

HotelInformation Request

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" primaryLangID="DE" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micos.com/og/4.3/Core/">
      <Origin entityID="KEMP" systemType="WEB"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <HotelInformationRequest xmlns="http://webservices.micos.com/ows/5.1/Information.wsdl">
      <HotelInformationQuery chainCode="KEMPI" hotelCode="ADLON"/>
    </HotelInformationRequest>
  </soap:Body>
</soap:Envelope>
```

HotelInformationRequest				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="HotelInformationQuery" type="hc:HotelReference" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
HotelInformationQuery	element	hc:HotelReference	required	This will give the detailed information about the hotel.

HotelReference				
<pre><xs:complexType name="HotelReference" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:annotation> <xs:documentation xml:lang="en"> In selected circumstances, root element value may contain the long form readable property name for the resort referenced. This value should be considered read-only and informational, and no attempt should be made to identify a property based solely on this information.</xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="chainCode" type="xs:string" use="optional"> <xs:annotation> <xs:documentation xml:lang="en"> The chain code becomes required if hotelCode is not unique accross enterprise. In other words, if both chain and hotel codes are required to create a unique identification of a specific resort.</xs:documentation> </xs:annotation> </xs:attribute> <xs:attribute name="hotelCode" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
chainCode	attribute	xs:string	optional	The chain to which the hotel belongs

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hotelCode	attribute	xs:string	required	The hotel code for which hotel information is required
-----------	-----------	-----------	----------	--

HotelInformation Response

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00" primaryLangID="DE"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="KEMP" systemType="WEB"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <HotelInformationResponse xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
      xmlns:c="http://webservices.micros.com/og/4.3/Core/" xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <HotelInformation>
        <HotelInformation chainCode="KEMPI" hotelCode="ADLON">Kempinski Hotel Adlon</HotelInformation>
        <HotelContactInformation>
          <hc:Addresses>
            <hc:Address>
              <AddressLine xmlns="http://webservices.micros.com/og/4.3/Common/">Unter den Linden
77</AddressLine>
              <cityName xmlns="http://webservices.micros.com/og/4.3/Common/">BERLIN</cityName>
              <stateProv xmlns="http://webservices.micros.com/og/4.3/Common/">BE</stateProv>
              <countryCode xmlns="http://webservices.micros.com/og/4.3/Common/">DE</countryCode>
              <postalCode xmlns="http://webservices.micros.com/og/4.3/Common/">10117</postalCode>
            </hc:Address>
          </hc:Addresses>
          <hc:ContactEmails>
            <hc:ContactEmail>adlon@kempinski.com</hc:ContactEmail>
          </hc:ContactEmails>
          <hc:ContactPhones>
            <hc:Phone phoneRole="PHONE">
              <PhoneNumber xmlns="http://webservices.micros.com/og/4.3/Common/">030
22610</PhoneNumber>
            </hc:Phone>
            <hc:Phone phoneRole="FAX">
              <PhoneNumber xmlns="http://webservices.micros.com/og/4.3/Common/">030
22611</PhoneNumber>
            </hc:Phone>
          </hc:ContactPhones>
        </HotelContactInformation>
        <HotelExtendedInformation>
          <hc:HotelInformation>
            <hc:HotelInfo hotelInfoType="OTHER" otherHotelInfoType="PROPERTY_TIMEZONE">
              <Text xmlns="http://webservices.micros.com/og/4.3/Common/">
                <Text language="DE">Etc/GMT+1</Text>
              </Text>
            </hc:HotelInfo>
            <hc:HotelInfo hotelInfoType="OTHER" otherHotelInfoType="GRADE">
              <Text xmlns="http://webservices.micros.com/og/4.3/Common/">
                <Text language="DE">MEDIUM</Text>
              </Text>
            </hc:HotelInfo>
            <hc:HotelInfo hotelInfoType="CHECKININFO">
              <Text xmlns="http://webservices.micros.com/og/4.3/Common/">
                <Text language="DE">15:00</Text>
              </Text>
            </hc:HotelInfo>
            <hc:HotelInfo hotelInfoType="CHECKOUTINFO">

```



```

        <Text xmlns="http://webservices.micos.com/og/4.3/Common/" >
          <Text language="DE">11:00 </Text>
        </Text>
      </hc:HotelInfo>
      <hc:HotelInfo hotelInfoType="DIRECTIONS">
        <Text xmlns="http://webservices.micos.com/og/4.3/Common/" >
          <Text language="DE">These are directions from the directions button </Text>
        </Text>
      </hc:HotelInfo>
      <hc:HotelInfo hotelInfoType="OTHER" otherHotelInfoType="Prop General Notes">
        <Text xmlns="http://webservices.micos.com/og/4.3/Common/" >
          <Text language="DE">German General Notes </Text>
        </Text>
      </hc:HotelInfo>
      <hc:HotelInfo hotelInfoType="OTHER" otherHotelInfoType="Prop Visa Rules">
        <Text xmlns="http://webservices.micos.com/og/4.3/Common/" >
          <Text language="DE">German Visa Rules </Text>
        </Text>
      </hc:HotelInfo>
      <hc:HotelInfo hotelInfoType="OTHER" otherHotelInfoType="Prop Passport Rules">
        <Text xmlns="http://webservices.micos.com/og/4.3/Common/" >
          <Text language="DE">German Passport Rules </Text>
        </Text>
      </hc:HotelInfo>
      <hc:HotelInfo hotelInfoType="OTHER" otherHotelInfoType="Prop Property Description">
        <Text xmlns="http://webservices.micos.com/og/4.3/Common/" >
          <Text language="DE">German Property Description </Text>
        </Text>
      </hc:HotelInfo>
      <hc:HotelInfo hotelInfoType="OTHER" otherHotelInfoType="Prop Location">
        <Text xmlns="http://webservices.micos.com/og/4.3/Common/" >
          <Text language="DE">German Location </Text>
        </Text>
      </hc:HotelInfo>
      <hc:HotelInfo hotelInfoType="OTHER" otherHotelInfoType="Prop Property Description">
        <Text xmlns="http://webservices.micos.com/og/4.3/Common/" >
          <Text language="DE">german property direction </Text>
        </Text>
      </hc:HotelInfo>
    </hc:HotelInformation>
    <hc:PaymentMethods>
      <hc:PaymentType>
        <hc:OtherPayment value="VA"/>
      </hc:PaymentType>
      <hc:PaymentType>
        <hc:OtherPayment value="MC"/>
      </hc:PaymentType>
      <hc:PaymentType>
        <hc:OtherPayment value="DC"/>
      </hc:PaymentType>
      <hc:PaymentType>
        <hc:OtherPayment value="AX"/>
      </hc:PaymentType>
      <hc:PaymentType>
        <hc:OtherPayment value="JC"/>
      </hc:PaymentType>
    </hc:PaymentMethods>
    <hc:FacilityInfo>
      <hc:GuestRooms totalRooms="394">
        <hc:GuestRoom code="A1K" maxOccupancy="2">
          <hc:RoomDescription>
            <Text xmlns="http://webservices.micos.com/og/4.3/Common/" >
              <Text>Superior Deluxe/Academy DE </Text>
            </Text>
          </hc:RoomDescription>
        </hc:GuestRoom>
      </hc:GuestRooms>
    </hc:FacilityInfo>
  </hc:HotelInformation>

```

```

<hc:GuestRoom code="A2K" maxOccupancy="4">
  <hc:RoomDescription>
    <Text xmlns="http://webservices.micos.com/og/4.3/Common/">
      <Text>Superior Deluxe Room</Text>
    </Text>
  </hc:RoomDescription>
</hc:GuestRoom>
<hc:GuestRoom code="A3K" maxOccupancy="2">
  <hc:RoomDescription>
    <Text xmlns="http://webservices.micos.com/og/4.3/Common/">
      <Text>Deluxe Room</Text>
    </Text>
  </hc:RoomDescription>
</hc:GuestRoom>
<hc:GuestRoom code="B1A" maxOccupancy="2">
  <hc:RoomDescription>
    <Text xmlns="http://webservices.micos.com/og/4.3/Common/">
      <Text>Deluxe Room</Text>
    </Text>
  </hc:RoomDescription>
</hc:GuestRoom>
<hc:GuestRoom code="C1D" maxOccupancy="2">
  <hc:RoomDescription>
    <Text xmlns="http://webservices.micos.com/og/4.3/Common/">
      <Text>Executive Room</Text>
    </Text>
  </hc:RoomDescription>
</hc:GuestRoom>
<hc:GuestRoom code="JS1" maxOccupancy="2">
  <hc:RoomDescription>
    <Text xmlns="http://webservices.micos.com/og/4.3/Common/">
      <Text>Junior Suite</Text>
    </Text>
  </hc:RoomDescription>
</hc:GuestRoom>
<hc:GuestRoom code="JS2" maxOccupancy="2">
  <hc:RoomDescription>
    <Text xmlns="http://webservices.micos.com/og/4.3/Common/">
      <Text>Junior Suite U. d. Linden</Text>
    </Text>
  </hc:RoomDescription>
</hc:GuestRoom>
<hc:GuestRoom code="JS3" maxOccupancy="2">
  <hc:RoomDescription>
    <Text xmlns="http://webservices.micos.com/og/4.3/Common/">
      <Text>Junior Suite Brandenburger Gate</Text>
    </Text>
  </hc:RoomDescription>
</hc:GuestRoom>
<hc:GuestRoom code="CS1" maxOccupancy="2">
  <hc:RoomDescription>
    <Text xmlns="http://webservices.micos.com/og/4.3/Common/">
      <Text>Adlon Executive Suite</Text>
    </Text>
  </hc:RoomDescription>
</hc:GuestRoom>
<hc:GuestRoom code="BS1" maxOccupancy="2">
  <hc:RoomDescription>
    <Text xmlns="http://webservices.micos.com/og/4.3/Common/">
      <Text>Pariser Platz Suite</Text>
    </Text>
  </hc:RoomDescription>
</hc:GuestRoom>
<hc:GuestRoom code="AS1" maxOccupancy="2">
  <hc:RoomDescription>
    <Text xmlns="http://webservices.micos.com/og/4.3/Common/">

```

```
        <Text>Suite 'Brandenburger Gate'</Text>
      </Text>
    </hc:RoomDescription>
  </hc:GuestRoom>
  <hc:GuestRoom code="AS2" maxOccupancy="4">
    <hc:RoomDescription>
      <Text xmlns="http://webservices.micros.com/og/4.3/Common/">
        <Text>Presidential Suite</Text>
      </Text>
    </hc:RoomDescription>
  </hc:GuestRoom>
  <hc:GuestRoom code="BS2" maxOccupancy="4">
    <hc:RoomDescription>
      <Text xmlns="http://webservices.micros.com/og/4.3/Common/">
        <Text>Adlon deLuxe Suite</Text>
      </Text>
    </hc:RoomDescription>
  </hc:GuestRoom>
  <hc:GuestRoom code="B1B" maxOccupancy="4">
    <hc:RoomDescription>
      <Text xmlns="http://webservices.micros.com/og/4.3/Common/">
        <Text>Superior Room</Text>
      </Text>
    </hc:RoomDescription>
  </hc:GuestRoom>
  <hc:GuestRoom code="B2B" maxOccupancy="2">
    <hc:RoomDescription>
      <Text xmlns="http://webservices.micros.com/og/4.3/Common/">
        <Text>Superior Room</Text>
      </Text>
    </hc:RoomDescription>
  </hc:GuestRoom>
  <hc:GuestRoom code="BS4" maxOccupancy="2">
    <hc:RoomDescription>
      <Text xmlns="http://webservices.micros.com/og/4.3/Common/">
        <Text>Junior Suite Deluxe</Text>
      </Text>
    </hc:RoomDescription>
  </hc:GuestRoom>
</hc:GuestRooms>
<hc:Restaurants>
  <hc:Restaurant RestaurantName="Beach Shop">
    <hc:Cuisines>
      <hc:Cuisine Code="GIFT STORE" Description="GIFT STORE"/>
    </hc:Cuisines>
  </hc:Restaurant>
  <hc:Restaurant RestaurantName="HEALTH CLUB">
    <hc:Cuisines>
      <hc:Cuisine Code="HEALTH CLUB" Description="HEALTH CLUB"/>
    </hc:Cuisines>
  </hc:Restaurant>
  <hc:Restaurant RestaurantName="Restrauant A">
    <hc:Cuisines>
      <hc:Cuisine Code="DDSDSD" Description="DDSDSD"/>
    </hc:Cuisines>
  </hc:Restaurant>
</hc:Restaurants>
</hc:FacilityInfo>
</HotelExtendedInformation>
</HotelInformation>
</HotelInformationResponse>
</soap:Body>
</soap:Envelope>
```

HotelInformationResponse

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```
<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="Result" type="hc:GDSResultStatus" />
    <xs:element name="HotelInformation">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="HotelContactInformation" type="hc:HotelContact" minOccurs="0" />
          <xs:element name="HotelExtendedInformation" type="hc:ExtendedHotelInfo" minOccurs="0" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Result	element	hc:GDSResultStatus	required	Give the status of the message
HotelInformation	element	hc:HotelInformation	optional	Gives the hotel information of the hotel needed

GDSResultStatus

```
<xs:complexType name="GDSResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation xml:lang="en">
      Extends "regular" ResultStatus object to include the possibility of returning various predefined error codes and responses. Used primarily for ADS / GDS interfaces.</xs:documentation>
    </xs:annotation>
    <xs:complexContent>
      <xs:extension base="c:ResultStatus">
        <xs:sequence>
          <xs:element name="GDSError" type="GDSError" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">
                Encapsulates three values required to support Pegasus / Wizcom error handling.</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
```

Extends	ResultStatus			
Name	Type	Data Type	Use	Comments
GDSError	element	GDSError	optional	Used only in the event of an error segment, code and message for an error during transaction

ResultStatus

```
<xs:complexType name="ResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="Text" type="tns:TextList" minOccurs="0" />
    <xs:element name="IDs" type="tns:IDPairList" minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="resultStatusFlag" type="tns:ResultStatusFlag" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Text	element	tns:TextList	optional	Error in case of an error
IDs	element	tns:IDPairList	optional	Not used in this context

resultStatusFlag	attribute	tns:ResultStatusFlag	required	SUCCESS if success and FAIL if failed
------------------	-----------	----------------------	----------	---------------------------------------

TextList				
<pre><xs:complexType name="TextList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="TextElement" type="tns:Text" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
TextElement	element	tns:Text	optional	Returns the error message if error or null if success

Text				
<pre><xs:complexType name="Text" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:normalizedString"> <xs:attribute name="formatted" type="xs:boolean" use="optional" /> <xs:attribute name="language" type="xs:language" use="optional" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
Formatted	attribute	xs:boolean	optional	Not used in this context
Language	attribute	xs:language	optional	Not used in this context

IDPairList				
<pre><xs:complexType name="IDPairList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="IDPair" type="tns:IDPair" minOccurs="0" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
IDPair	element	tns:IDPair	optional	Not used in this context

IDPair				
<pre><xs:complexType name="IDPair" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:attribute name="idType" type="xs:string" /> <xs:attribute name="operaId" type="xs:long" /> <xs:attribute name="externalId" type="xs:string" /> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
idType	attribute	xs:string	required	Not used in this context
operaId	attribute	xs:long	required	Not used in this context
externalId	attribute	xs:string	required	Not used in this context

HotelInformation				
<pre><xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="HotelContactInformation" type="hc:HotelContact" minOccurs="0" /> <xs:element name="HotelExtendedInformation" type="hc:ExtendedHotelInfo" minOccurs="0" /> </xs:sequence> </xs:complexType></pre>				

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Name	Type	Data Type	Use	Comments
HotelContactInformation	element	hc:HotelContact	optional	Contact information of the Hotel
HotelExtendedInformation	element	hc:ExtendedHotelInfo	optional	Other information about the Hotel

HotelContact

```
<xs:complexType name="HotelContact" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>
      Basic contact information for Hotel Property. </xs:documentation>
    </xs:annotation>
  <xs:sequence>
    <xs:element name="Addresses" type="AddressList" minOccurs="0">
      <xs:annotation>
        <xs:documentation xml:lang="en">
          Collection of simple postal addresses. Differentiated from AddressInfo by lack of defined address
          type and privacy attributes.</xs:documentation>
        </xs:annotation>
      </xs:element>
    <xs:element name="ContactEmails" type="ContactEmailList" minOccurs="0" />
    <xs:element name="ContactPhones" type="PhoneList" minOccurs="0">
      <xs:annotation>
        <xs:documentation xml:lang="en">
          Again, add collection of phone numbers alone, bypassing TelephoneInfo type wrapper that provides
          for privacy attributes.</xs:documentation>
        </xs:annotation>
      </xs:element>
    <xs:element name="HotelInformation" type="HotelInfoList" minOccurs="0" />
    <xs:element name="URIs" type="URIList" minOccurs="0" />
    <xs:element name="Vector" type="Vector" minOccurs="0" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Addresses	element	AddressList	optional	Postal address of the hotel
ContactEmails	element	ContactEmailList	optional	Contact email at the hotel
ContactPhones	element	PhoneList	optional	Contact phone at the hotel
HotelInformation	element	HotelInfoList	optional	Detailed hotel information
URIs	element	URIList	optional	Uri for hotel information
Vector	element	Vector	optional	More location information about the hotel

AddressList

```
<xs:complexType name="AddressList" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element maxOccurs="unbounded" name="Address" type="c:Address" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Address	Element	Address	required	Collection of Address types

Address

```
<xs:complexType name="Address" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="5" name="AddressLine" type="xs:string" />
    <xs:element minOccurs="0" name="cityName" type="xs:string" />
    <xs:element minOccurs="0" name="stateProv" type="xs:string" />
    <xs:element minOccurs="0" name="countryCode" type="xs:string" />
    <xs:element minOccurs="0" name="postalCode" type="xs:string" />
  </xs:sequence>
</xs:complexType>
```

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<code></xs:sequence></code> <code><xs:attribute name="addressType" type="xs:string" /></code> <code><xs:attribute name="otherAddressType" type="xs:string" /></code> <code></xs:complexType></code>				
Name	Type	Data Type	Use	Comment
AddressLine	element	string	optional	Up to 5 lines of street address / box number / mailstop information.
cityName	element	string	optional	City name
stateProv	element	string	optional	State or Province code
countryCode	element	string	optional	Country code
postalCode	element	string	optional	Postal or zip code.
addressType	attribute	string	optional	The address type code for this address.
otherAddressType	attribute	string	ignored	Not used in this context.

ContactEmailList				
<code><xs:complexType name="ContactEmailList" xmlns:xs="http://www.w3.org/2001/XMLSchema"></code> <code><xs:sequence></code> <code><xs:element maxOccurs="unbounded" name="ContactEmail" type="xs:string" /></code> <code></xs:sequence></code> <code></xs:complexType></code>				
Name	Type	Data Type	Use	Comment
ContactEmail	Element	string	required	Collection of Email addresses (string values)

PhoneList				
<code><xs:complexType name="PhoneList" xmlns:xs="http://www.w3.org/2001/XMLSchema"></code> <code><xs:sequence></code> <code><xs:element minOccurs="0" maxOccurs="unbounded" name="Phone" type="c:Phone" /></code> <code></xs:sequence></code> <code></xs:complexType></code>				
Name	Type	Data Type	Use	Comment
Phone	Element	Phone	optional	Collection of Phone types.

Phone				
<code><xs:complexType name="Phone" xmlns:xs="http://www.w3.org/2001/XMLSchema"></code> <code><xs:choice></code> <code><xs:element name="PhoneNumber" type="xs:string" /></code> <code><xs:element name="PhoneData"></code> <code><xs:complexType></code> <code><xs:attribute name="countryAccessCode" type="xs:string" /></code> <code><xs:attribute name="areaCode" type="xs:string" /></code> <code><xs:attribute name="phoneNumber" type="xs:string" /></code> <code><xs:attribute name="extension" type="xs:string" /></code> <code></xs:complexType></code> <code></xs:element></code> <code></xs:choice></code> <code><xs:attribute name="phoneType" type="xs:string" /></code> <code><xs:attribute name="phoneRole" type="xs:string" /></code> <code></xs:complexType></code>				
Name	Type	Data Type	Use	Comment
PhoneNumber	element	string	required	String representation of phone number including all required country and area code prefixes.
PhoneData	element	PhoneData	ignored	No used in this context.
phoneType	attribute	string	required	The type of phone device.
phoneRole	attribute	string	required	The role of the number provided, as in HOME, or BUSINESS.

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URList				
<pre><xs:complexType name="URList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element maxOccurs="unbounded" name="URI" type="xs:anyURI" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
URI	Element	anyURI	required	Collection of URL values for gathering more information on subject hotel.

Vector (This element will present and populated <i>only if parent RoomStay is marked as an alternate resort</i>)				
<pre><xs:complexType name="Vector" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:annotation> <xs:documentation>Measure of distance, direction and scale from one location to another.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element minOccurs="0" name="Direction" type="VectorDirection" /> <xs:element minOccurs="0" name="Distance" type="VectorDistance" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Direction	Element	VectorDirection	optional	Direction to the property
Distance	Element	VectorDistance	optional	Distance to the property

VectorDirection (This element will present and populated <i>only if parent RoomStay is marked as an alternate resort</i>)				
<pre><xs:complexType name="VectorDirection" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:attribute name="vectorDirection" type="VectorDirectionType" use="required" /> <xs:attribute name="otherVectorDirection" type="xs:string" use="optional" /> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
vectorDirection	attribute	VectorDirectionType	required	One of the enumerated VectorDirection values.
otherVectorDirection	attribute	string	optional	If enumerated value selected is OTHER, then this attribute becomes required.

VectorDistance (This element will present and populated <i>only if parent RoomStay is marked as an alternate resort</i>)				
<pre><xs:complexType name="VectorDistance" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:double"> <xs:attribute name="distanceUnit" type="DistanceUnitType" use="required" /> <xs:attribute name="otherDistanceUnit" type="xs:string" use="optional" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
distanceUnit	attribute	DistanceUnitType	required	One of the enumerated DistanceUnit values.
otherDistanceUnit	attribute	string	optional	If enumerated value selected is OTHER, then this attribute becomes required.

ExtendedHotelInfo				
<pre><xs:complexType name="ExtendedHotelInfo" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="HotelInformation" type="HotelInfoList" minOccurs="0" /> <xs:element name="PaymentMethods" type="PaymentsAccepted" minOccurs="0" /> <xs:element name="AmenityInfo" type="AmenityInfo" minOccurs="0" /> <xs:element name="Position" type="GeoCode" minOccurs="0"> <xs:annotation> <xs:documentation> Position of the hotel in Geo Codes</xs:documentation> </xs:annotation> </xs:element> <xs:element name="FacilityInfo" type="FacilityInfoType" minOccurs="0" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
HotelInformation	element	HotelInfoList	optional	Information about the property
PaymentMethods	element	PaymentsAccepted	optional	Payment methods accepted at the property
AmenityInfo	element	AmenityInfo	optional	Amenities provided at the property
Position	element	GeoCode	optional	Geographical location of the property
FacilityInfo	element	FacilityInfoType	optional	Facilities provided at the property

HotelInfoList				
<pre><xs:complexType name="HotelInfoList"> <xs:sequence> <xs:element name="HotelInfo" type="HotelInfo" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
HotelInfo	Element	HotelInfo	Optional	Information about the hotel

HotelInfo				
<pre><xs:complexType name="HotelInfo"> <xs:complexContent> <xs:extension base="c:DescriptiveText"> <xs:attribute name="hotelInfoType" type="HotelInfoType" use="required"/> <xs:attribute name="otherHotelInfoType" type="xs:string" use="optional"/> </xs:extension> </xs:complexContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
DescriptiveText	Element	C:DescriptiveText	Optional	Information about the hotel
hotelInfoType	Attribute	HotelInfoType	Required	Type of hotel information
otherHotelInfoType	Attribute	Xs:string	Optional	Any other hotel information

DescriptiveText				
<pre><xs:complexType name="DescriptiveText" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice> <xs:element name="Text" type="tns:TextList" /> <xs:element name="Image" type="xs:string" /> <xs:element name="Url" type="xs:anyURI" /> </xs:choice> </xs:complexType></pre>				

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</xs:choice> </xs:complexType>				
Name	Type	Data Type	Use	Comment
Text	Element	TextList	required	Text list object containing check-in or check-out info.
Image	Element	string	not used	Not used in this context.
Url	Element	anyURI	not used	Not used in this context.

Text (TextList)				
<pre><xs:complexType name="TextList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element maxOccurs="unbounded" name="TextElement" type="tns:Text" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
TextElement	Element	Text	required	Text element containing check-in or check-out info. If parent element is present, at least one TextElement must be present as well.

TextElement (Text) – In this context, contains text value representing either check-in or check-out time information.				
<pre><xs:complexType name="Text" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:normalizedString"> <xs:attribute name="formatted" type="xs:boolean" use="optional" /> <xs:attribute name="language" type="xs:language" use="optional" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Formatted	Attribute	boolean	not used	Not used in this context.
Language	Attribute	language	not used	Not used in this context.

HotelInfoType.				
<pre><xs:simpleType name="HotelInfoType"> <xs:restriction base="xs:string"> <xs:enumeration value="DIRECTIONS"/> <xs:enumeration value="CHECKININFO"/> <xs:enumeration value="CHECKOUTINFO"/> <xs:enumeration value="OTHER"/> </xs:restriction> </xs:simpleType></pre>				
Name	Type	Data Type	Use	Comment
HotelInfoType	Attribute	Xs:string	Required	To give the hotel information type

PaymentsAccepted				
<pre><xs:complexType name="PaymentsAccepted"> <xs:sequence> <xs:element name="PaymentType" type="PaymentType" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
PaymentType	Element	PaymentType	Optional	Payment Types accepted at the Hotel

PaymentsType				
<pre><xs:complexType name="PaymentType"> <xs:sequence> <xs:choice> <xs:element name="PaymentCard" type="c:CreditCard" minOccurs="0"/> <xs:element name="PaymentVoucher" type="Voucher" minOccurs="0"/> <xs:element name="OtherPayment" type="OtherPaymentType" minOccurs="0"/> </xs:choice> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
PaymentCard	Element	CreditCard	Optional	Payment by credit card
PaymentVoucher	Element	Voucher	Optional	Payment by voucher
OtherPayment	Element	OtherPaymentType	Optional	Any other payment type

CreditCard				
<pre><xs:complexType name="CreditCard" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="cardCode" type="xs:string" /> <xs:element minOccurs="0" name="cardHolderName" type="xs:string" /> <xs:element name="cardNumber" type="xs:string" /> <xs:element minOccurs="0" name="seriesCode" type="xs:string" /> <xs:element minOccurs="0" name="effectiveDate" type="xs:date" /> <xs:element name="expirationDate" type="xs:date" /> </xs:sequence> <xs:attribute name="cardType" type="xs:string" /> <xs:attribute name="otherCardType" type="xs:string" /> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
cardCode	element	string	required	Credit card vendor code (i.e. VA, AX, etc.)
cardHolderName	element	string	required	Name on face of card
cardNumber	element	string	required	Card number on face of card.
seriesCode	element	string	optional	Credit card series code.
effectiveDate	element	date	ignored	Not used in this context.
expirationDate	element	date	required	Expiration date of card.
cardType	attribute	string	required	The type of payment card (i.e. Credit, Debit, Voucher, etc.)
otherCardType	attribute	string	ignored	Not used in this context.

Voucher				
<pre><xs:complexType name="Voucher"> <xs:attribute name="voucherNumber" type="xs:string" use="optional"/> <xs:attribute name="voucherIssuedBy" type="xs:string" use="optional"/> <xs:attribute name="voucherValidDate" type="xs:dateTime" use="optional"/> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comments
voucherNumber	Attribute	Xs:string	Optional	Voucher number of the voucher
voucherIssuedBy	Attribute	Xs:string	Optional	Who issued the voucher
voucherValidDate	Attribute	Xs:dateTime	Optional	The date till which voucher is valid

OtherPaymentType				
<pre><xs:complexType name="OtherPaymentType"> <xs:attribute name="type" type="xs:string" use="optional"/> </xs:complexType></pre>				

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<pre> <xs:attribute name="value" type="xs:string" use="required"/> <xs:attribute name="source" type="xs:string" use="optional"/> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comments
Type	Attribute	Xs:string	Optional	Type of payment
Value	Attribute	Xs:string	Optional	Value of the payment
Source	Attribute	Xs:string	Optional	Source of payment

AmenityInfo <pre> <xs:complexType name="AmenityInfo"> <xs:sequence> <xs:element name="Amenities" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Amenity" type="Amenity" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comments
Amenities	Element	Amenity	Optional	Amenities at the hotel

Amenity <pre> <xs:complexType name="Amenity"> <xs:annotation> <xs:documentation>Used to describe both room type and property amenities.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="amenityDescription" type="xs:string" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute name="amenityCode" type="xs:string" use="required"/> <xs:attribute name="amenityType" use="optional"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Property"/> <xs:enumeration value="Room"/> <xs:enumeration value="Both"/> <xs:enumeration value="Nearby"/> <xs:enumeration value="Exists"/> <xs:enumeration value="Other"/> <xs:enumeration value="Parking"/> <xs:enumeration value="WheelChairAccess"/> <xs:enumeration value="Gymnasium"/> <xs:enumeration value="ConferenceRoom"/> <xs:enumeration value="BusinessCentre"/> <xs:enumeration value="Pets"/> <xs:enumeration value="RoomService"/> <xs:enumeration value="Restaurant"/> <xs:enumeration value="SwimingPool"/> <xs:enumeration value="Internet"/> </xs:restriction> </xs:simpleType> </xs:attribute> <xs:attribute name="otherType" type="xs:string" use="optional"/> <xs:attribute name="availabilityFlag" use="optional"> <xs:simpleType> <xs:restriction base="xs:string"> </pre>				
--	--	--	--	--

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```

        <xs:enumeration value="ConfirmableComplimentary"/>
        <xs:enumeration value="ConfirmableCost"/>
        <xs:enumeration value="OnRequestComplimentary"/>
        <xs:enumeration value="OnRequestCost"/>
        <xs:enumeration value="Exists"/>
        <xs:enumeration value="Other"/>
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="otherFlag" type="xs:string" use="optional"/>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
amenityDescription	Element	Xs:string	Optional	Description of the amenity
amenityCode	Attribute	Xs:string	Required	Code of the amenity
amenityType	Attribute	Xs:string	Optional	Types of amenities available
otherType	Attribute	Xs:string	Optional	Other type of amenity
availabilityFlag	Attribute	Xs:string	Optional	Amenity available at the hotel
otherFlag	Attribute	Xs:string	Optional	Flag for other type of amenity

GeoCode

```

<xs:complexType name="GeoCode">
  <xs:attribute name="latitude" type="xs:string" use="optional">
    <xs:annotation>
      <xs:documentation xml:lang="en">The measure of the angular distance on a meridian north or
south of the equator.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="longitude" type="xs:string" use="optional">
    <xs:annotation>
      <xs:documentation xml:lang="en">The measure of the angular distance on a meridian east or
west of the prime meridian.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="altitude" type="xs:string" use="optional">
    <xs:annotation>
      <xs:documentation xml:lang="en">The height of an item, typically above sea level.
    </xs:documentation>
    </xs:annotation>
  </xs:attribute>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
latitude	attribute	xs:string	Optional	The measure of the angular distance on a meridian north or south of the equator
longitude	attribute	xs:string	Optional	The measure of the angular distance on a meridian east or west of the prime meridian
altitude	attribute	xs:string	Optional	The height of an item, typically above sea level

FacilityInfoType

```

<xs:complexType name="FacilityInfoType">
  <xs:sequence>
    <xs:element name="GuestRooms" minOccurs="0">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="GuestRoom" maxOccurs="unbounded">
            <xs:complexType>

```

```

<xs:sequence>
  <xs:element name="RoomDescription" type="c:DescriptiveText" minOccurs="0"/>
</xs:sequence>
<xs:attribute name="code" type="xs:string" use="optional"/>
<xs:attribute name="maxOccupancy" type="xs:integer" use="optional"/>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="totalRooms" type="xs:string" use="optional"/>
</xs:complexType>
</xs:element>
<xs:element name="Restaurants" type="RestaurantsType" minOccurs="0"/>
<xs:element name="MeetingRooms" type="MeetingRoomsType" minOccurs="0"/>
</xs:sequence>
<xs:attribute name="dateOpened" type="xs:date" use="optional"/>
<xs:attribute name="dateRenovated" type="xs:date" use="optional"/>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
GuestRooms	element	Hc:GuestRooms	Optional	The measure of the angular distance on a meridian north or south of the equator
Restaurants	element	Hc:RestaurantsType	Optional	The measure of the angular distance on a meridian east or west of the prime meridian
MeetingRooms	element	Hc:MeetingRoomsType	Optional	The height of an item, typically above sea level
dateOpened	attribute	xs:date	Optional	
dateRenovated	attribute	xs:date	Optional	

GuestRooms

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="GuestRoom" maxOccurs="unbounded">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="RoomDescription" type="c:DescriptiveText" minOccurs="0"/>
        </xs:sequence>
        <xs:attribute name="code" type="xs:string" use="optional"/>
        <xs:attribute name="maxOccupancy" type="xs:integer" use="optional"/>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
  <xs:attribute name="totalRooms" type="xs:string" use="optional"/>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
GuestRoom	element	GuestRoom	Optional	The measure of the angular distance on a meridian north or south of the equator
totalRooms	Attribute	xs:string	Optional	The measure of the angular distance on a meridian east or west of the prime meridian

GuestRoom

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="RoomDescription" type="c:DescriptiveText" minOccurs="0"/>
  </xs:sequence>
  <xs:attribute name="code" type="xs:string" use="optional"/>
  <xs:attribute name="maxOccupancy" type="xs:integer" use="optional"/>

```

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</xs:complexType>				
Name	Type	Data Type	Use	Comments
RoomDescription	element	C:DescriptiveText	Optional	The description of the room
code	attribute	xs:string	optional	The code if any of the room
maxOccupancy	attribute	xs:integer	optional	The maximum occupancy of the room

DescriptiveText				
<pre><xs:complexType name="DescriptiveText" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice> <xs:element name="Text" type="tns:TextList" /> <xs:element name="Image" type="xs:string" /> <xs:element name="Url" type="xs:anyURI" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Text	Element	TextList	required	Text list object containing check-in or check-out info.
Image	Element	string	not used	Not used in this context.
Url	Element	anyURI	not used	Not used in this context.

Text (TextList)				
<pre><xs:complexType name="TextList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element maxOccurs="unbounded" name="TextElement" type="tns:Text" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
TextElement	Element	Text	required	Text element containing check-in or check-out info. If parent element is present, at least one TextElement must be present as well.

TextElement (Text) – In this context, contains text value representing either check-in or check-out time information.				
<pre><xs:complexType name="Text" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:normalizedString"> <xs:attribute name="formatted" type="xs:boolean" use="optional" /> <xs:attribute name="language" type="xs:language" use="optional" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Formatted	Attribute	boolean	not used	Not used in this context.
Language	Attribute	language	not used	Not used in this context.

RestaurantType				
<pre><xs:complexType name="RestaurantsType"> <xs:annotation> <xs:documentation xml:lang="en">Provides detailed information regarding restaurants. </xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Restaurant" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Details of a specific restaurant such as type of restaurant,</pre>				

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```

directions, schedules, etc.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="RestaurantDescription" type="Paragraph" minOccurs="0" maxOccurs="5">
        <xs:annotation>
          <xs:documentation xml:lang="en">Information describing the restaurant.
        </xs:documentation>
      </xs:element>
      <xs:element name="RelativePosition" type="Vector" minOccurs="0">
        <xs:annotation>
          <xs:documentation xml:lang="en">Indicates the directions to a specific restaurant relative to
the hotel.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Cuisines" minOccurs="0">
        <xs:annotation>
          <xs:documentation xml:lang="en">Collection of cuisine types of
restaurant.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Cuisine" maxOccurs="unbounded">
              <xs:annotation>
                <xs:documentation xml:lang="en">The code for the type of cuisine served at the
restaurant.</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:attribute name="Code" type="xs:string" use="optional">
                  <xs:annotation>
                    <xs:documentation xml:lang="en">Refer to OTA Code List Main Cuisine Code
(CUI).</xs:documentation>
                  </xs:annotation>
                </xs:attribute>
                <xs:attribute name="Description" type="xs:string" use="optional">
                  <xs:annotation>
                    <xs:documentation xml:lang="en">Indicates whether this cuisine code is the
main cuisine offered by restaurant.</xs:documentation>
                  </xs:annotation>
                </xs:attribute>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="RestaurantContacts" type="AddressList" minOccurs="0">
        <xs:annotation>
          <xs:documentation xml:lang="en">Collection of contacts, allows the passing of restaurant
address, phone number, etc.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
    <xs:attribute name="RestaurantName" type="xs:string" use="optional">
      <xs:annotation>
        <xs:documentation xml:lang="en">The name of the restaurant at the hotel facility.
      </xs:documentation>
    </xs:attribute>
    <xs:attribute name="MaxSeatingCapacity" type="xs:nonNegativeInteger" use="optional">
      <xs:annotation>
        <xs:documentation xml:lang="en">The total seating capacity for this restaurant.
      </xs:documentation>
    </xs:attribute>
    <xs:attribute name="MaxSingleParty" type="xs:nonNegativeInteger" use="optional">

```

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```

        <xs:annotation>
          <xs:documentation xml:lang="en">The maximum number of people that can be seated as a
single party in this restaurant. </xs:documentation>
        </xs:annotation>
      </xs:attribute>
      <xs:attribute name="OfferBreakfast" type="xs:boolean" use="optional"/>
      <xs:attribute name="OfferLunch" type="xs:boolean" use="optional"/>
      <xs:attribute name="OfferDinner" type="xs:boolean" use="optional"/>
      <xs:attribute name="OfferBrunch" type="xs:boolean" use="optional"/>
    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Restaurant	element	C:DescriptiveText	Optional	The description of the restaurant

Restaurant

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="RestaurantDescription" type="Paragraph" minOccurs="0" maxOccurs="5">
      <xs:annotation>
        <xs:documentation xml:lang="en">Information describing the restaurant. </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="RelativePosition" type="Vector" minOccurs="0">
      <xs:annotation>
        <xs:documentation xml:lang="en">Indicates the directions to a specific restaurant relative to the
hotel. </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Cuisines" minOccurs="0">
      <xs:annotation>
        <xs:documentation xml:lang="en">Collection of cuisine types of restaurant. </xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="Cuisine" maxOccurs="unbounded">
            <xs:annotation>
              <xs:documentation xml:lang="en">The code for the type of cuisine served at the
restaurant. </xs:documentation>
            </xs:annotation>
            <xs:complexType>
              <xs:attribute name="Code" type="xs:string" use="optional">
                <xs:annotation>
                  <xs:documentation xml:lang="en">Refer to OTA Code List Main Cuisine Code
(CUI). </xs:documentation>
                </xs:annotation>
              </xs:attribute>
              <xs:attribute name="Description" type="xs:string" use="optional">
                <xs:annotation>
                  <xs:documentation xml:lang="en">Indicates whether this cuisine code is the main
cuisine offered by restaurant. </xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="RestaurantContacts" type="AddressList" minOccurs="0">
      <xs:annotation>
        <xs:documentation xml:lang="en">Collection of contacts, allows the passing of restaurant address,
phone number, etc. </xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

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```

</xs:annotation>
</xs:element>
</xs:sequence>
<xs:attribute name="RestaurantName" type="xs:string" use="optional">
  <xs:annotation>
    <xs:documentation xml:lang="en">The name of the restaurant at the hotel facility. </xs:documentation>
  </xs:annotation>
</xs:attribute>
<xs:attribute name="MaxSeatingCapacity" type="xs:nonNegativeInteger" use="optional">
  <xs:annotation>
    <xs:documentation xml:lang="en">The total seating capacity for this restaurant. </xs:documentation>
  </xs:annotation>
</xs:attribute>
<xs:attribute name="MaxSingleParty" type="xs:nonNegativeInteger" use="optional">
  <xs:annotation>
    <xs:documentation xml:lang="en">The maximum number of people that can be seated as a single party
in this restaurant. </xs:documentation>
  </xs:annotation>
</xs:attribute>
<xs:attribute name="OfferBreakfast" type="xs:boolean" use="optional"/>
<xs:attribute name="OfferLunch" type="xs:boolean" use="optional"/>
<xs:attribute name="OfferDinner" type="xs:boolean" use="optional"/>
<xs:attribute name="OfferBrunch" type="xs:boolean" use="optional"/>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
RestaurantDescription	element	Paragraph	Optional	The description of the restaurant
RelativePosition	Element	vector	Optional	Distance from some specific point
Cuisines	Element	Cuisine	Optional	The list of Cuisines offered at the restaurants
RestaurantContacts	Element	AddressList	Optional	Contact persons at the restaurant
RestaurantName	attribute	xs:string	optional	The code if any of the room
MaxSeatingCapacity	attribute	xs:nonNegativeInteger	optional	The maximum seating capacity
MaxSingleParty	Attribute	Xs:nonNegativeInteger	Optional	Maximum seating capacity for a single party
OfferBreakfast	Attribute	Xs:Boolean	Optional	Indicates whether breakfast is offered at the restaurant
OfferLunch	Attribute	Xs:Boolean	Optional	Indicates whether lunch is offered at the restaurant
OfferDinner	Attribute	Xs:Boolean	Optional	Indicates whether dinner is offered at the restaurant
OfferBrunch	Attribute	Xs:Boolean	optional	Indicates whether brunch is offered at the restaurant

Paragraph

```

<xs:complexType name="Paragraph" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:choice maxOccurs="99">
    <xs:element name="Text" type="c:Text" />
    <xs:element name="Image" type="xs:string" />
    <xs:element name="URL" type="xs:anyURI" />
  </xs:choice>
</xs:complexType>

```

Name	Type	Data Type	Use	Comment
Text	element	Text	required	Description of restaurant
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

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Text				
<pre><xs:complexType name="Text" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:normalizedString"> <xs:attribute name="formatted" type="xs:boolean" use="optional" /> <xs:attribute name="language" type="xs:language" use="optional" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Formatted	attribute	boolean	not used	Not used in this context.
Language	attribute	language	not used	Not used in this context.

Vector				
<pre><xs:complexType name="Vector" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:annotation> <xs:documentation>Measure of distance, direction and scale from one location to another.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element minOccurs="0" name="Direction" type="VectorDirection" /> <xs:element minOccurs="0" name="Distance" type="VectorDistance" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Direction	Element	VectorDirection	optional	Direction of the restaurant from the property.
Distance	Element	VectorDistance	optional	Distance from property.

VectorDirection (This element will present and populated <i>only if parent RoomStay is marked as an alternate resort</i>)				
<pre><xs:complexType name="VectorDirection" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:attribute name="vectorDirection" type="VectorDirectionType" use="required" /> <xs:attribute name="otherVectorDirection" type="xs:string" use="optional" /> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
vectorDirection	attribute	VectorDirectionType	required	One of the enumerated VectorDirection values.
otherVectorDirection	attribute	string	optional	If enumerated value selected is OTHER, then this attribute becomes required.

VectorDistance (This element will present and populated <i>only if parent RoomStay is marked as an alternate resort</i>)				
<pre><xs:complexType name="VectorDistance" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:double"> <xs:attribute name="distanceUnit" type="DistanceUnitType" use="required" /> <xs:attribute name="otherDistanceUnit" type="xs:string" use="optional" /> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
distanceUnit	attribute	DistanceUnitType	required	One of the enumerated DistanceUnit values.
otherDistanceUnit	attribute	string	optional	If enumerated value selected is OTHER, then this attribute becomes required.

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Cuisines

```
<xs:complexType>
  <xs:sequence>
    <xs:element name="Cuisine" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation xml:lang="en">The code for the type of cuisine served at the
restaurant.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:attribute name="Code" type="xs:string" use="optional">
          <xs:annotation>
            <xs:documentation xml:lang="en">Refer to OTA Code List Main Cuisine Code
(CUI).</xs:documentation>
          </xs:annotation>
        </xs:attribute>
        <xs:attribute name="Description" type="xs:string" use="optional">
          <xs:annotation>
            <xs:documentation xml:lang="en">Indicates whether this cuisine code is the main cuisine
offered by restaurant.</xs:documentation>
          </xs:annotation>
        </xs:attribute>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Cuisines	Element	Cuisine	Optional	The List of Cuisines

Cuisine

```
<xs:complexType>
  <xs:attribute name="Code" type="xs:string" use="optional">
    <xs:annotation>
      <xs:documentation xml:lang="en">Refer to OTA Code List Main Cuisine Code
(CUI).</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="Description" type="xs:string" use="optional">
    <xs:annotation>
      <xs:documentation xml:lang="en">Indicates whether this cuisine code is the main cuisine offered by
restaurant.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Code	attribute	xs:string	optional	Cuisine code
Description	attribute	xs:string	optional	Description of the cuisine

AddressList

```
<xs:complexType name="AddressList" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element maxOccurs="unbounded" name="Address" type="c:Address" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Address	Element	Address	required	Collection of Address types

Address

```
<xs:complexType name="Address" xmlns:xs="http://www.w3.org/2001/XMLSchema">
```

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<pre> <xs:sequence> <xs:element minOccurs="0" maxOccurs="5" name="AddressLine" type="xs:string" /> <xs:element minOccurs="0" name="cityName" type="xs:string" /> <xs:element minOccurs="0" name="stateProv" type="xs:string" /> <xs:element minOccurs="0" name="counrtyCode" type="xs:string" /> <xs:element minOccurs="0" name="postalCode" type="xs:string" /> </xs:sequence> <xs:attribute name="addressType" type="xs:string" /> <xs:attribute name="otherAddressType" type="xs:string" /> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
AddressLine	element	string	optional	Up to 5 lines of street address / box number / mailstop information.
cityName	element	string	optional	City name
stateProv	element	string	optional	State or Province code
counrtyCode	element	string	optional	Country code
postalCode	element	string	optional	Postal or zip code.
addressType	attribute	string	optional	The address type code for this address.
otherAddressType	attribute	string	ignored	Not used in this context.

MeetingRoomsType <pre> <xs:complexType name="MeetingRoomsType"> <xs:annotation> <xs:documentation xml:lang="en">A collection of MeetingRoom objects that provide the codes and description of the meeting rooms in the hotel. </xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="MeetingRoom" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Dedicated or non-dedicated space or area in which to hold a meeting. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Codes" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Codes or abbreviations for meeting rooms. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Charge" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">The minimum charge for this meeting room code. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="Description" type="Paragraph" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation xml:lang="en">This will allow for text descriptions to be sent with items such as catered breakfast. </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> <xs:attribute name="Code" type="xs:string" use="optional"> <xs:annotation> <xs:documentation xml:lang="en">Refer to OTA Code List Meeting </pre>

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```

Room Code (MRC).</xs:documentation>
    </xs:annotation>
    </xs:attribute>
    </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Description" type="Paragraph" minOccurs="0">
  <xs:annotation>
    <xs:documentation xml:lang="en">Information describing the restaurant.
  </xs:documentation>
</xs:documentation>
  </xs:annotation>
  </xs:element>
</xs:sequence>
<xs:attribute name="Irregular" type="xs:boolean">
  <xs:annotation>
    <xs:documentation xml:lang="en">This provides information as to whether the room has an
irregular shape, if true the room would not be of a traditional square or rectangular style.</xs:documentation>
  </xs:annotation>
</xs:attribute>
<xs:attribute name="PropertySystemName" type="xs:string">
  <xs:annotation>
    <xs:documentation xml:lang="en">This is the room name as it is defined by the system.
The name used internally may differ from the name used by guests.</xs:documentation>
  </xs:annotation>
</xs:attribute>
<xs:attribute name="RoomName" type="xs:string">
  <xs:annotation>
    <xs:documentation xml:lang="en">This is the meeting room name as provided to the
guests.</xs:documentation>
  </xs:annotation>
</xs:attribute>
<xs:attribute name="Sort" type="xs:nonNegativeInteger">
  <xs:annotation>
    <xs:documentation xml:lang="en">This is a number assigned to rooms, usually used to
define the display order.</xs:documentation>
  </xs:annotation>
</xs:attribute>
<xs:attribute name="MeetingRoomCapacity" type="xs:nonNegativeInteger">
  <xs:annotation>
    <xs:documentation xml:lang="en">The total number of people permitted in the meeting
room.</xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="MeetingRoomCount" type="xs:nonNegativeInteger" use="optional">
  <xs:annotation>
    <xs:documentation xml:lang="en">The total number of unique meeting rooms provided at the hotel
facility. For example, if the hotel has a grand ballroom that breaks into Salon A, B, and C -the total number of
unique meeting rooms is three. </xs:documentation>
  </xs:annotation>
</xs:attribute>
<xs:attribute name="SmallestRoomSpace" type="xs:nonNegativeInteger" use="optional">
  <xs:annotation>
    <xs:documentation xml:lang="en">The amount of room space for the smallest unique meeting room at
the hotel facility. </xs:documentation>
  </xs:annotation>
</xs:attribute>
<xs:attribute name="LargestRoomSpace" type="xs:nonNegativeInteger" use="optional">
  <xs:annotation>
    <xs:documentation xml:lang="en">The amount of room space for the largest unique meeting room at
the hotel facility. </xs:documentation>
  </xs:annotation>

```

```

</xs:attribute>
<xs:attribute name="TotalRoomSpace" type="xs:nonNegativeInteger" use="optional">
  <xs:annotation>
    <xs:documentation xml:lang="en">The total amount of unique room space provided at the hotel
    facility. Note: when counting space, if there is grand ballroom that is comprised of Salon A, B, and C - count the
    total measurement of the ballroom only. </xs:documentation>
  </xs:annotation>
</xs:attribute>
<xs:attribute name="LargestSeatingCapacity" type="xs:nonNegativeInteger" use="optional">
  <xs:annotation>
    <xs:documentation xml:lang="en">The largest seating capacity available in the largest meeting room -
    generally this is for theatre-style room setup. </xs:documentation>
  </xs:annotation>
</xs:attribute>
<xs:attribute name="SecondLargestSeatingCapacity" type="xs:nonNegativeInteger" use="optional">
  <xs:annotation>
    <xs:documentation xml:lang="en">The second largest seating capacity available in the second largest
    meeting room - generally this is for theatre-style room setup. This is excluding any space within the largest
    meeting room. </xs:documentation>
  </xs:annotation>
</xs:attribute>
<xs:attribute name="SmallestSeatingCapacity" type="xs:nonNegativeInteger" use="optional">
  <xs:annotation>
    <xs:documentation xml:lang="en">The smallest seating capacity available in a meeting room -
    generally this is for theatre-style room setup. </xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>

```

Name	Type	Data Type	Use	Comment
MeetingRoom	Element	Hc:MeetingRoom	optional	
MeetingRoomCount	Attribute	Xs:nonNegativeInteger	optional	Count of the Meeting Rooms provided at the hotel
SmallestRoomSpace	Attribute	Xs:nonNegativeInteger	optional	Room space for the smallest of the meeting room space
LargestRoomSpace	Attribute	Xs:nonNegativeInteger	optional	Room space for the largest of the meeting room space
TotalRoomSpace	Attribute	Xs:nonNegativeInteger	optional	The total amount of unique room space provided at the hotel
LargestSeatingCapacity	attribute	Xs:nonNegativeInteger	optional	The largest seating capacity available in the largest meeting room
SecondLargestSeatingCapacity	attribute	Xs:nonNegativeInteger	Optional	The second largest seating capacity available in the second largest meeting room
SmallestSeatingCapacity	Attribute	Xs:nonNegativeInteger	Optional	The smallest seating capacity available in a

				meeting room
--	--	--	--	--------------

MeetingRoom

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="Codes" minOccurs="0">
      <xs:annotation>
        <xs:documentation xml:lang="en">Codes or abbreviations for meeting
rooms.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Code" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="Charge" type="xs:string" minOccurs="0">
                <xs:annotation>
                  <xs:documentation xml:lang="en">The minimum charge for this meeting
room code.</xs:documentation>
                </xs:annotation>
              </xs:element>
              <xs:element name="Description" type="Paragraph" minOccurs="0"
maxOccurs="5">
                <xs:annotation>
                  <xs:documentation xml:lang="en">This will allow for text descriptions to be
sent with items such as catered breakfast.</xs:documentation>
                </xs:annotation>
              </xs:element>
            </xs:sequence>
            <xs:attribute name="Code" type="xs:string" use="optional">
              <xs:annotation>
                <xs:documentation xml:lang="en">Refer to OTA Code List Meeting Room Code
(MRC).</xs:documentation>
              </xs:annotation>
            </xs:attribute>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
    <xs:element name="Description" type="Paragraph" minOccurs="0">
      <xs:annotation>
        <xs:documentation xml:lang="en">Information describing the restaurant.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
  <xs:attribute name="Irregular" type="xs:boolean">
    <xs:annotation>
      <xs:documentation xml:lang="en">This provides information as to whether the room has an irregular
shape, if true the room would not be of a traditional square or rectangular style.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="PropertySystemName" type="xs:string">
    <xs:annotation>
      <xs:documentation xml:lang="en">This is the room name as it is defined by the system. The name
used internally may differ from the name used by guests.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="RoomName" type="xs:string">
    <xs:annotation>
      <xs:documentation xml:lang="en">This is the meeting room name as provided to the
guests.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="Sort" type="xs:nonNegativeInteger">

```



```

<xs:annotation>
  <xs:documentation xml:lang="en">This is a number assigned to rooms, usually used to define the
display order.</xs:documentation>
</xs:annotation>
</xs:attribute>
<xs:attribute name="MeetingRoomCapacity" type="xs:nonNegativeInteger">
  <xs:annotation>
    <xs:documentation xml:lang="en">The total number of people permitted in the meeting room.
</xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>

```

Name	Type	Data Type	Use	Comment
Codes	element	Hc:Codes	optional	Codes or abbreviations for meeting rooms
Description	element	Paragraph	optional	Information describing the meeting room
Irregular	Attribute	Xs:Boolean	optional	Shape of the meeting room
propertySystemName	Attribute	Xs:string	optional	Room name as defined in the system
RoomName	Attribute	Xs:string	optional	Room name as provided to the guests
Sort	attribute	Xs:nonNegativeInteger	optional	The number assigned to rooms
MeetingRoomCapacity	attribute	Xs:nonNegativeInteger	Optional	The total number of people permitted in the meeting room.

Codes

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="Code" maxOccurs="unbounded">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="Charge" type="xs:string" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">The minimum charge for this meeting room
code.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="Description" type="Paragraph" minOccurs="0" maxOccurs="5">
            <xs:annotation>
              <xs:documentation xml:lang="en">This will allow for text descriptions to be sent
with items such as catered breakfast.</xs:documentation>
            </xs:annotation>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    <xs:attribute name="Code" type="xs:string" use="optional">
      <xs:annotation>
        <xs:documentation xml:lang="en">Refer to OTA Code List Meeting Room Code
(MRC).</xs:documentation>
      </xs:annotation>
    </xs:attribute>
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comment
Code	element	Hc:code	Required	Meeting room code
Code	Attribute	Xs:string	optional	OTA Meeting room code

Code

```
<xs:complexType>
  <xs:sequence>
    <xs:element name="Charge" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation xml:lang="en">The minimum charge for this meeting room
code.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Description" type="Paragraph" minOccurs="0" maxOccurs="5">
      <xs:annotation>
        <xs:documentation xml:lang="en">This will allow for text descriptions to be sent with items
such as catered breakfast.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Charge	element	Xs:string	Optional	The charge of this meeting room
Description	Element	Paragraph	optional	Description of code

Paragraph

```
<xs:complexType name="Paragraph" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:choice maxOccurs="99">
    <xs:element name="Text" type="c:Text" />
    <xs:element name="Image" type="xs:string" />
    <xs:element name="URL" type="xs:anyURI" />
  </xs:choice>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Text	element	Text	required	Description of code
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

Text

```
<xs:complexType name="Text" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleContent>
    <xs:extension base="xs:normalizedString">
      <xs:attribute name="formatted" type="xs:boolean" use="optional" />
      <xs:attribute name="language" type="xs:language" use="optional" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
formatted	attribute	boolean	not used	Not used in this context.
language	attribute	language	not used	Not used in this context.

Currency Converter

Soap Action: <http://webservices.micros.com/ows/5.1/Information.wsdl#CurrencyConverter>

Currency Converter Request

```
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XML Spy v4.4 U (http://www.xmlspy.com) by Micros Systems Inc (Micros Systems Inc) -->
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="WEST" systemType="WEB"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <CurrencyConverterRequest xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <FromCurrency currencyCode="EUR">10.00</FromCurrency>
      <ToCurrency currencyCode="USD"/>
      <Resort chainCode="WC" hotelCode="SEFIVE"/>
      <ExchangeType>EXCHANGE_CHECK</ExchangeType>
    </CurrencyConverterRequest>
  </soap:Body>
</soap:Envelope>
```

CurrencyConverterRequest

```
<xs:complexType name="CurrencyConverterRequest">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="FromCurrency" type="Amount" />
    <xs:element minOccurs="0" maxOccurs="1" name="ToCurrency" type="Amount" />
    <xs:element minOccurs="0" maxOccurs="1" name="Resort" type="HotelReference" />
    <xs:element minOccurs="0" maxOccurs="1" name="ExchangeType" type="CurrencyExchangeType" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
FromCurrency	element	Amount	required	
ToCurrency	element	Amount	required	
Resort	element	HotelReference	required	
ExchangeType	element	CurrencyExchangeType	required	

Amount

```
<xs:complexType name="Amount">
  <xs:simpleContent>
    <xs:extension base="double">
      <xs:attribute name="currencyCode" type="string" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Extends	double
----------------	--------

Name	Type	Data Type	Use	Comments
currencyCode	attribute	string	required	

HotelReference

```
<xs:complexType name="HotelReference">
  <xs:simpleContent>
    <xs:extension base="string">
      <xs:attribute name="chainCode" type="string" />
      <xs:attribute name="hotelCode" type="string" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
chainCode	attribute	string	required	

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hotelCode	attribute	string	required	
-----------	-----------	--------	----------	--

CurrencyExchangeType

```
<xs:simpleType name="CurrencyExchangeType">
  <xs:restriction base="s:string">
    <xs:enumeration value="POSTING" />
    <xs:enumeration value="EXCHANGE" />
    <xs:enumeration value="TA_COMMISSION" />
    <xs:enumeration value="FORECAST" />
    <xs:enumeration value="SETTLEMENT" />
    <xs:enumeration value="EXCHANGE_CHECK" />
  </xs:restriction>
</xs:simpleType>
```

Name	Type	Data Type	Use	Comments
				Currently POSTING and EXCHANGE_CHECK are the only valid values

Currency Converter Response

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <OGHeader transactionID="000099" timeStamp="2004-01-14T09:34:22.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="WEST" systemType="WEB"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <CurrencyConverterResponse xmlns="http://webservices.micros.com/ows/5.1/Information.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <ToCurrencyAmt currencyCode="USD">12.5</ToCurrencyAmt>
    </CurrencyConverterResponse>
  </soap:Body>
</soap:Envelope>
```

CurrencyConverterResponse

```
<xs:complexType name="CurrencyConverterResponse">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Result" type="GDSResultStatus" />
    <xs:element minOccurs="0" maxOccurs="1" name="ToCurrencyAmt" type="Amount" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Result	element	GDSResultStatus	required	
ToCurrencyAmt	element	Amount	required	

GDSResultStatus

```
<xs:complexType name="GDSResultStatus">
  <xs:complexContent>
    <xs:extension base="ResultStatus">
      <xs:sequence>
        <xs:element name="GDSError" type="GDSError" minOccurs="0" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Extends	ResultStatus
----------------	--------------

Name	Type	Data Type	Use	Comments
GDSError	element	GDSError	required	

ResultStatus

```
<xs:complexType name="ResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="Text" type="TextList" minOccurs="0" />
    <xs:element name="IDs" type="IDPairList" minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="resultStatusFlag" type="ResultStatusFlag" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Text	element	TextList	Optional	Error in case of an error
IDs	element	IDPairList	Optional	Not used in this context
resultStatusFlag	attribute	ResultStatusFlag	Required	SUCCESS if success and FAIL if failed

TextList

```
<xs:complexType name="TextList" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="TextElement" type="Text" maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
TextElement	element	Text	Optional	Returns the error message if error or null if success

Text

```
<xs:complexType name="Text" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleContent>
    <xs:extension base="xs:normalizedString">
      <xs:attribute name="formatted" type="xs:boolean" use="optional" />
      <xs:attribute name="language" type="xs:language" use="optional" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
formatted	attribute	boolean	Optional	Not used in this context
language	attribute	language	Optional	Not used in this context

IDPairList

```
<xs:complexType name="IDPairList" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="IDPair" type="IDPair" minOccurs="0" maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
IDPair	element	IDPair		Not used in this context

IDPair

```
<xs:complexType name="IDPair" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:attribute name="idType" type="xs:string" />
  <xs:attribute name="operaId" type="xs:long" />
  <xs:attribute name="externalId" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
------	------	-----------	-----	----------

idType	attribute	string	required	Not used in this context
operald	attribute	long	required	Not used in this context
externalld	attribute	string	required	Not used in this context

GDSError

```
<xs:complexType name="GDSError">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="errorCode" type="xs:string" use="required" />
      <xs:attribute name="elementId" type="xs:string" use="required" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
errorCode	attribute	string	required	
elementId	attribute	string	required	Not used in this context

Amount

```
<xs:complexType name="Amount">
  <xs:simpleContent>
    <xs:extension base="double">
      <xs:attribute name="currencyCode" type="string" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Extends	double			
Name	Type	Data Type	Use	Comments
currencyCode	attribute	string	required	