

Oracle® Hospitality OPERA
Message Specification for 2-Way Interface between
Patron Tracking and OPERA Hotel
Version 5.1

January 2018

Copyright © 2003, 2018, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

Preface	5
Audience	5
Customer Support.....	5
Documentation.....	5
Revision History.....	5
1 Services	6
Certification	6
2 Common Objects	7
OGHeader	7
Sample OG Header Segment.....	9
ResultStatus Segment Definition	9
Sample ResultStatus Segment.....	10
3 Name Service	14
OPERA Service Implementation.....	14
Third Party Vendor Service Implementation.....	14
FetchProfile.....	14
FetchProfileRequest.....	14
FetchProfileResponse.....	16
NewProfile	43
NewProfileRequest.....	43
NewProfileResponse.....	47
UpdateProfile	50
UpdateProfileRequest	50
UpdateProfileResponse.....	54
ProfileLookup.....	56
ProfileLookupRequest.....	56
ProfileLookupResponse	63
Subscription.....	70
SubscriptionRequest.....	70
SubscriptionResponse.....	73
4 Gaming Service	76
OPERA Service Implementation.....	76
Third Party Vendor Service Implementation.....	76
BalanceInquiry	76
BalanceInquiryRequest	76

BalanceInquiryResponse.....	78
AssignCardID	84
AssignCardIDRequest.....	84
AssignCardIDResponse	84
CompPost.....	85
CompPostRequest.....	85
CompPostResponse	94
IssueCardID	97
IssueCardIDResponse	101
EnrollProfile.....	101
EnrollProfileRequest.....	102
EnrollProfileResponse.....	103
PTSIquiry	104
PTSIquiryRequest	104
PTSIquiryResponse	105
5 Reservation Service	110
Third Party Vendor Service Implementation	110
ReservationNotification	110
ReservationNotificationRequest	110
ReservationNotificationResponse	139

Preface

The Gaming Interface consists of web services provide by OPERA and related services provided by the third party (partner) vendors.

This document may not contain all the web service messages supported by OPERA Gaming.

Audience

This document is intended for those developing custom applications that interact with services provided by the third party (partner) vendors' messages functionality.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

<https://support.oracle.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received and any associated log files
- Screen shots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at <http://docs.oracle.com/en/industries/hospitality/>

Revision History

Date	Description of Change
September 2003	<ul style="list-style-type: none">• Initial publication
October 2004	<ul style="list-style-type: none">• Version 4.2 Draft
February 2005	<ul style="list-style-type: none">• Minor field definition update
November 2017	<ul style="list-style-type: none">• Update document format

1 Services

The Gaming Interface consists of web services provide by OPERA and related services provided by the third party (Partner) vendors. The specifications are included in this document are divided by the three services:

- Name Service OPERA and Partner
- Gaming Service OPERA and Partner
- Reservation Service Partner

Certification

Prior to entering into live operation at any site, third party vendors must formally certify all implementation sections of this interface in accordance with their partner agreements. Oracle may, based upon individual client requirements and on a case-by-case basis, waive the requirement for external systems to consume those services hosted by OPERA.

2 Common Objects

OGHeader

```
<xs:complexType name="OGHeader"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="Origin" type="tns:EndPoint" />
    <xs:element name="Destination" type="tns:EndPoint" />
    <xs:element name="Intermediaries" type="tns:EndPointList"
minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="transactionID" type="xs:string" />
  <xs:attribute name="authToken" type="xs:string" />
  <xs:attribute name="timeStamp" type="xs:dateTime" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Origin	element	tns:EndPoint	required	EndPoint object used describe the originator of a message.
Destination	element	tns:EndPoint	required	Ultimate recipient for a given message.
Intermediaries	element	tns:EndPoint List	optional	Reserved for future use.
transactionID	attribute	xs:string	required	Simple transaction ID value. May be any unique alpha- numeric character combination, including sequence numbers, GUIDs, etc. This value will be used as an echo-token and “parroted” back to the originating system and must be unique across the enterprise.
authToken	attribute	xs:string	optional	Reserved for future use.
timeStamp	attribute	xs:dateTime	required	Timestamp used for identification and relative ordering of messages.

EndPoint: Extends SystemID object to include the system type. While not required, system type can further clarify the end points and purpose of a given transaction. The use of system type in all headers is strongly encouraged.

```
<xs:complexType name="EndPoint"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:complexContent>
  <Content>
    <xs:extension base="tns:SystemID">
      <xs:attribute name="systemType" type="xs:string" />
    </xs:extension>
  </Content>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
systemType	attribute	xs:string	optional	Free form text segment that identifies type of system (i.e. PMS, PTS, CRS, GDS, etc.) Codes must be agreed to in advance with trading partner.

SystemID: Simple object used to identify a system. Contains two parameters, entityID and organizationID, which, in combination, must be unique throughout the enterprise.

```
<xs:complexType name="SystemID"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:attribute name="entityID" type="xs:string" use="required" />
  <xs:attribute name="organizationID" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
entityID	attribute	xs:string	Required	The unique ID assigned to the entity / property system being represented. Analogous to a property code / resort ID.
organizationID	attribute	xs:string	optional	The unique ID assigned to the group of entities to which the system might be a member.

Analogous to chain code.

EndPointList: Simple collection object containing end-points. Planned for future use where intermediaries may be involved in transactions.

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

Name	Type	Data Type	Use	Comments
EndPoint	element	tns:EndPoint	required	Collection of EndPoint objects. If the EndPointList object is present at least one EndPoint must exist in the collection.

Sample OG Header Segment

```
<OGHeader transactionID="2d76e7f0-084a-4ffe-ab4c-
b874e402d836" timeStamp="2004-10- 11T17:52:52.8043750-
04:00"
xmlns="http://webservices.micros.com/og/4.0/Core/">
  <Origin entityID="OPERA" systemType="PMS"/>
  <Destination entityID="GAMINGID" systemType="PTS"/>
</OGHeader>
```

Interpretation

The message containing this header originated at a PMS system for property resort ID of OPERA. The destination of this message is a PTS system with an entity identifier of GAMINGID. The message was time stamped on the 11th of October, 2004 at around 5:52PM and change. The unique transaction ID value for this message is the GUID value specified.

ResultStatus Segment Definition

The ResultStatus segment is one of the most used objects in the interface. It is contained in ALL the message responses. It provides a uniform way to indicate whether a request has

succeeded or failed. In case of failure, it contains information on the cause of the failure.

Sample ResultStatus Segment

(Successful!)

```
<Result resultStatusFlag="SUCCESS"/>
```

(Unsuccessful!)

```
<Result resultStatusFlag="FAIL">
```

```
<c:Text>
```

```
<c:TextElement>
```

```
internalID 29064:Subscribe:1-  
int_prof_subscription.update_subscript  
ion_db: Can't update profile  
subscription . Error: ORA -02291:  
integrity constraint  
(OGSMOKE252.NAME_SUBSCRIP_DATABASES_FK  
) violated
```

```
- parent key not found
```

```
</c:TextElement>
```

```
<c:TextElement>
```

```
Other optional errors....
```

```
</c:TextElement>
```

```
</c:Text>
```

```
</Result>
```

ResultStatus: Describes the result of a request. When a request is successful, the resultStatusFlag will be set to SUCCESS and optionally, the IDs will contain the identifiers of the records that have been modified. If the message has failed for any reason, the resultStatusFlag will be set to FAIL and the Text collection will contain any relevant error descriptions.

```
<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	required if resultStatus Flag is FAIL	Leave null if there are no errors to report.
IDs	element	tns:IDPairList	optional	Leave null if no records have been modified. Otherwise set the IDs of the modified records. This last step is optional for all messages at this point.
resultStatusFlag	attribute	tns:ResultStatus Flag	required	Set to either SUCCESS or FAIL

TextList: A collection of text elements. In the context of a ResultStatus object, the TextList contains 0 or more lines of error messages. These errors will usually be displayed to the user, logged or both. Leave this object null if there are no errors.

```
<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	required	Collection of 0 or more Text elements.

Text: Contains descriptive, text information. Use the “value” property to assign the text description.

```
<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	Indicates whether the text is formatted or no. Presently not used.
language	attribute	xs:language	Optional	Indicates the language of the text.

IDPairList: Contains a list of IDPair elements. Can be used, depending on context, when referring to multiple elements at once.

```
<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	required	A pair of unique identifiers that identify a record both in OPERA and an external system.

IDPair: Maps a unique identifier in OPERA to the one in an external system.

```
<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	Identifies the type of record that the IDs belong to. Currently there are 3 possible types: PROFILE, RESERVATION, ACTIVITY.

operaId	attribute	xs:long	Required	The unique identifier of the record in OPERA.
externalId	attribute	xs:string	Required	The unique identifier of the same record in the external system.

3 Name Service

OPERA Service Implementation

OPERA hospitality will implement (host) the following service APIs from this specification:

- FetchProfile
- NewProfile
- UpdateProfile
- ProfileLookup
- Subscription

Third party vendors are expected to develop appropriate web service client functionality to consume these services as appropriate.

Third Party Vendor Service Implementation

Third party (Partner) system vendors are expected to implement (host) the following service APIs from this specification:

- FetchProfile
- NewProfile
- UpdateProfile
- ProfileLookup
- Subscription

OPERA hospitality maintains a web service client functionality to consume this web services as appropriate.

FetchProfile

Soap Action [OPERA]: <http://webservices.micros.com/og/4.2/Name#FetchProfile>

Soap Action [PARTNER]: <http://webservices.micros.com/og/4.2/Partner/Name#FetchProfile>

FetchProfileRequest

[Partner to OPERA]

```
<?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="123" timeStamp
      ="2004-10-13T16:59:23.3456250-04:00 " xmlns="
      http://webservices.micros.com/og/4.0/Core/">
```

```

        <Origin entityID="PTS" organizationID="PTS" systemType ="
        CASINO"/>
        <Destination entityID="MYRMB" organizationID="PMS"
        systemType="PMS"/>
    </OGHeader>
</soap:Header>
<soap:Body>
    <FetchProfileRequest xmlns
    ="http://webservices.micros.com/og/4.2/Name.wsdl">
        <ProfileID type="INTERNAL">28671</ProfileID>
    </FetchProfileRequest>
</soap:Body>
</soap:Envelope>

```

[OPERA to Partner]

```

<?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="ccdf562d-aa28-4359-9cd0- 96bbda3f8a87"
timeStamp ="2004-10-12T15:09:42.8343750- 04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
            <Origin entityID="MYRMB" systemType="PMS"/>
            <Destination entityID="PTS" systemType ="PTS"/>
        </OGHeader>
    </soap:Header>
    <soap:Body>
        <FetchProfileRequest xmlns
        ="http://webservices.micros.com/og/4.2/Partner/Name.wsdl">
            <ProfileID type="EXTERNAL">5563</ProfileID>
        </FetchProfileRequest>
    </soap:Body>
</soap:Envelope>

```

FetchProfileRequest

```

<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
    <xs:element name="ProfileID" type="c:UniqueID" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ProfileID	element	c:UniqueID	required	Encapsulates the profile identification of the record requested.

UniqueID

```

<xs:complexType name="UniqueID"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="type" type="tns:UniqueIDType"
use="required" />
      <xs:attribute name="source" type="xs:string" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
type	attribute	tns:UniqueIDType	Required	Restricted to contain either INTERNAL, meaning the internal OPERA ID of the requested profile, or EXTERNAL, meaning the ID of the profile as known to external system with an appropriate subscription record.
source	attribute	xs:string	Required	Optional value that can embellish the ID value specified.

FetchProfileResponse

[OPERA to Partner]

```

<?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="123" timeStamp
="2004-10-13T16:59:23.5487500-04:00 " xmlns="
http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" organizationID="PMS" systemType
="PMS"/>
      <Destination entityID="PTS"
organizationID="PTS" systemType ="
CASINO"/>
    </OGHeader>

```



```

</soap:Header>
<soap:Body>
  <FetchProfileResponse xmlns
="http://webservices.micros.com/og/4.2/Name.ws
dl">
    <Result resultStatusFlag=" SUCCESS"/>
    <Profile nameType="GUEST" languageCode="" vipCode=" 1">
      <ProfileIDs xmlns
="http://webservices.micros.com/og/4.2/Name/">
        <UniqueID type="INTERNAL"
xmlns="
http://webservices.micros.com/og/4.0/Common/">28671</UniqueID>
      </ProfileIDs>
      <Customer xmlns
="http://webservices.micros.com/og/4.2/Name/">
        <PersonName>
          <firstName xmlns
="http://webservices.micros.com/og/4.0/Common/">Jane<
/firstName>
          <lastName xmlns
="http://webservices.micros.com/og/4.0/Common/">Smith
an</lastName>
        </PersonName>
      </Customer>
      <Addresses xmlns
="http://webservices.micros.com/og/4.2/Name/">
        <NameAddress addressType=" HOME" primary=" true">
          <AddressLine xmlns
="http://webservices.micros.com/og/4.0/Common/">1234
Anywhere
Street</AddressLine>
          <cityName xmlns ="
http://webservices.micros.com/og/4.0/Common/">Atlanta</cityName>
          <stateProv xmlns
="http://webservices.micros.com/og/4.0/Common/">GA</stateProv>
          <countryCode xmlns ="
http://webservices.micros.com/og/4.0/Common/">US</countryCode>
          <postalCode xmlns ="
http://webservices.micros.com/og/4.0/Common/">30346</postalCode>
        </NameAddress>
      </Addresses>
      <Phones xmlns ="
http://webservices.micros.com/og/4.2/Name/">
        <NamePhone phoneType=" HOME" primary="true">
          <PhoneData
phoneNumber="7706042000" xmlns="
http://webservices.micros.com/og/4.0
/Common/">
          </NamePhone>
        </Phones>
      </Profile>
    </FetchProfileResponse>
  </soap:Body>
</soap:Envelope>

```

[Partner to OPERA]

```
<?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="ccdf562d-aa28-4359-9cd0- 96bbda3f8a87"
timeStamp ="2004-10-12T15:09:42.8343750- 04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" systemType="PMS"/>
      <Destination entityID="PTS" systemType ="PTS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <FetchProfileResponse xmlns
="http://webservices.micros.com/og/4.2/Partner/Name.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <Profile nameType ="D" languageCode =" E">
        <ProfileIDs xmlns
="http://webservices.micros.com/og/4.2/Name/">
          <UniqueID type ="EXTERNAL"
xmlns="
http://webservices.micros.com/og/4.0
/Common/">161616</UniqueID>
        </ProfileIDs>
        <Customer xmlns
="http://webservices.micros.com/og/4.2/Name/">
          <PersonName>
            <firstName xmlns
="http://webservices.micros.com/og/4.0/Common/">JANE
            </firstName>
            <lastName xmlns
="http://webservices.micros.com/og/4.0/Common/">SMIT
H</lastName>
          </PersonName>
        </Customer>
        <Addresses xmlns
="http://webservices.micros.com/og/4.2/Name/">
          <NameAddress addressType ="HOME">
            <AddressLine xmlns
="http://webservices.micros.com/og/4.0/Common/"> ADDR
ESS
LINE</AddressLine>
          <cityName xmlns ="
http://webservices.micros.com/og/4.0/Common/">Anytown</cityName>
          <countryCode xmlns ="
http://webservices.micros.com/og/4.0/Common/">US</countryCode>
          <postalCode xmlns ="
http://webservices.micros.com/og/4.0/Common/">34105</postalCode>
        </NameAddress>
      </Addresses>
      <Phones xmlns ="
http://webservices.micros.com/og/4.2/Name/">
        <NamePhone phoneType="HOME">
```

```

        <PhoneData
phoneNumber="2394504323" xmlns="
http://webservices.micros.com/og/
4.0/Common/" />
        </NamePhone>
    </Phones>
    <UserDefinedValues xmlns
="http://webservices.micros.com/og/4.2/Name/">
        <UserDefinedValue valueName
="ANNIVERSARY DATE" xmlns="
http://webservices.micros.com/og/4.0/Com
mon/">
            <DateValue>2004- 10-12T15:09:42.8656250-
04:00</DateValue>
        </UserDefinedValue>
        <UserDefinedValue
valueName ="CONTACT PREFERENCE" xmlns="
http://webservices.micros.com/og/4.0/Com
mon/">
            <CharacterValue>TELEPHONE</CharacterValue>
        </UserDefinedValue>
    </UserDefinedValues>
</Profile>
</FetchProfi
leResponse>
</soap:Body>
</soap:Envelope>

```

FetchProfileResponse

```

<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
    <xs:element name="Result" type="c:ResultStatus" />
    <xs:element name="Profile" type="nm:Profile" minOccurs="0" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Result	element	c:ResultStatus	required	Provides overall indication of success or failure of subject transaction.
Profile	element	nm:Profile	optional	If transaction was successful, contains the profile record requested.

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		If transaction fails, this list becomes operationally required.
IDs	element	tns:IDPairList		Not used in this context.
resultStatusFlag	attribute	tns:ResultStatusFlag	Required	The primary indication of success or failure.

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		Collection of Text messages. If present, at least one child node is required.

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>

```

```

</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	Reserved for future use. Currently not used in this context.

Profile

```

  <xs:complexType name="Profile"
    xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:sequence>
      <xs:element name="ProfileIDs" type="c:UniqueIDList" minOccurs="0"
        />
      <xs:choice>
        <xs:element name="Customer" type="tns:Customer" />
        <xs:element name="Company" type="tns:Company" />
      </xs:choice>
      <xs:element name="CreditCards" type="tns:NameCreditCardList"
        minOccurs="0" />
      <xs:element name="Addresses" type="tns:NameAddressList"
        minOccurs="0" />
      <xs:element name="Blacklist" type="tns:BlackList" minOccurs="0"
        />
      <xs:element name="Phones" type="tns:NamePhoneList" minOccurs="0"
        />
      <xs:element name="EMails" type="tns:NameEmailList" minOccurs="0"
        />
      <xs:element name="Preferences" type="tns:PreferenceList"
        minOccurs="0" />
      <xs:element name="Memberships" type="tns:NameMembershipList"
        minOccurs="0" />
      <xs:element name="NegotiatedRates" type="tns:NegotiatedRateList"
        minOccurs="0" />
      <xs:element name="Comments" type="tns:CommentList" minOccurs="0"
        />
      <xs:element name="UserDefinedValues"
        type="c:UserDefinedValueList" minOccurs="0" />
    </xs:sequence>
    <xs:attribute name="nameType" type="xs:string" />
    <xs:attribute name="protected" type="xs:boolean" />
    <xs:attribute name="languageCode" type="xs:string" />
    <xs:attribute name="nationality" type="xs:string" />
    <xs:attribute name="vipCode" type="xs:string" />
    <xs:attribute name="taxExempt" type="xs:boolean" />
    <xs:attributeGroup ref="c:RecordAdministratorAttributes" />
  </xs:complexType>

```

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

ProfileIDs	element	c:UniqueIDL ist	In this context, operationally required. Any profile fetched must contain at least the internal name ID of the subject profile.
Customer	element	tns:Custome r	Contains guest information as required for a named individual profile record.
Company	element	tns:Compan y	Not allowed in this context. This interface is restricted to guest profiles only.
CreditCards	element	tns:Name Credit CardList	Collection of Name- CreditCard elements.
Addresses	element	tns:NameA ddres sList	Collection of NameAddress elements.
Blacklist	element	tns:BlackList	Not used in this context.
Phones	element	tns:NameP hone List	Collection of NamePhone elements.
EMails	element	tns:NameE mailLi st	Collection of NameEmail elements.
Preferences	element	tns:Prefere nceLi st	Collection of Preference elements.
Memberships	element	tns:Name Memb ershipList	Collection of Name- Membership elements.
NegotiatedRates	element	tns:Negoti atedR ateList	Collection of Negotiated-Rate elements.
Comments	element	tns:Commen tList	Collection of Comment elements.

UserDefined Values	element	c:UserDefinedValueList		Collection of User-DefinedValue elements.
c:RecordAdministratorAttributes	attr grp	c:RecordAdministratorAttributes		Additional attributes identifying internal tracking of changes to profile.
nameType	attribute	xs:string	optional	Indicates the type of profile contained.
protected	attribute	xs:boolean	optional	Not used in this context.
languageCode	attribute	xs:string	optional	Populated if available.
nationality	attribute	xs:string	optional	Populated if available.
vipCode	attribute	xs:string	optional	Populated if available.
taxExempt	attribute	xs:boolean	optional	Not used in this context.

RecordAdministratorAttributes

```
<xs:attributeGroup name="RecordAdministratorAttributes"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:attribute name="insertUser" type="xs:string" />
  <xs:attribute name="insertDate" type="xs:dateTime" />
  <xs:attribute name="updateUser" type="xs:string" />
  <xs:attribute name="updateDate" type="xs:dateTime" />
  <xs:attribute name="inactiveDate" type="xs:date" />
</xs:attributeGroup>
```

Name	Type	Data Type	Use	Comments
insertUser	attribute	xs:string	Optional	User name of object creator.
insertDate	attribute	xs:dateTime	Optional	Original object creation date.
updateUser	attribute	xs:string	Optional	User name of last object modifier.
updateDate	attribute	xs:dateTime	Optional	Date of last modification.
inactiveDate	attribute	xs:date	Optional	Date object inactivated.

UniqueIDList

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

Name	Type	Data Type	Use	Comments
UniqueID	element	tns:UniqueID		Encapsulates the profile identification of the record returned.

UniqueID

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

Name	Type	Data Type	Use	Comments
type	attribute	tns:UniqueIDType	Required	Restricted to contain either INTERNAL, meaning the internal OPERA ID of the requested profile, or EXTERNAL, meaning the ID of the profile as known to external system with an appropriate subscription record.

source	attribute	xs:string	Required	Optional value that can embellish the ID value specified.
--------	-----------	-----------	----------	---

Customer

```
<xs:complexType name="Customer"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="PersonName" type="c:PersonName" />
    <xs:element name="NativeName" type="tns:NativeName"
minOccurs="0" />
    <xs:element name="BusinessTitle" type="xs:string" minOccurs="0"
/>
    <xs:element name="GovernmentIDList" type="c:GovernmentIDList"
minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="gender" type="c:Gender" />
  <xs:attribute name="birthDate" type="xs:date" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
PersonName	element	c:PersonName		Encapsulates guest name information.
NativeName	element	tns:NativeName		If guest has name in native language and OPERA is configured appropriately, "alternate" or native name values will be written to this element.
BusinessTitle	element	xs:string		Populated if available.
GovernmentIDList	element	c:GovernmentIDList		Passport or other government ID will be populated if available.
gender	attribute	c:Gender	optional	Populated if available.
birthDate	attribute	xs:date	optional	Populated if available.

PersonName

```

<xs:complexType name="PersonName"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="nameTitle" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    <xs:element name="firstName" type="xs:string" minOccurs="0" />
    <xs:element name="middleName" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    <xs:element name="lastName" type="xs:string" />
    <xs:element name="nameSuffix" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
  </xs:sequence>
  <xs:attribute name="nameOrdered" type="xs:string" />
  <xs:attribute name="familiarName" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
nameTitle	element	xs:string		The name title, such as Mr. or Mrs. Only the first value is recognized or used. All others reserved for future use. (Not used for NativeName).
firstName	element	xs:string		Guest first name.
middleName	element	xs:string		Guest middle name. Only the first value is recognized or used. All others reserved for future use.
lastName	element	xs:string		Guest last name. This element represents the only required element in the Profile object.
nameSuffix	element	xs:string		Name suffix, such as Jr., Sr., etc. Only the first value in the collection is recognized or used. All others are reserved for future use. (Not used for NativeName).

nameOrdered	attribute	xs:string	optional	Not used in this context.
familiarName	attribute	xs:string	optional	Not used in this context.

NativeName

```
<xs:complexType name="NativeName"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:complexContent>
  <xs:extension base="c:PersonName">
    <xs:attribute name="languageCode" type="xs:string"
      use="required" />
  </xs:extension>
</xs:complexContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
languageCode	attribute	xs:string	Required	If parent NativeName element is present, it must be qualified by a valid OPERA language code. This object includes an additional PersonName element with alternate first, middle, and last name components in the native language.

GovernmentIDList

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

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

GovernmentID	element	tns:GovernmentID	Collection member. By rule, in this collection, the container collection object may be rendered empty.
--------------	---------	------------------	--

GovernmentID

```
<xs:complexType name="GovernmentID"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:attribute name="documentType" type="xs:string" />
  <xs:attribute name="documentNumber" type="xs:string" />
  <xs:attribute name="effectiveDate" type="xs:date" />
  <xs:attribute name="expirationDate" type="xs:date" />
  <xs:attribute name="placeOfIssue" type="xs:string" />
  <xs:attribute name="countryOfIssue" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
documentType	attribute	xs:string	Required	Optional text field used to identify the type of government ID contained. While marked as optional failure to include this parameter may render the contained ID invalid unless prior agreement is reached among trading partners with regard to the meaning of an empty documentType. Use of this attribute is strongly recommended. Value must be agreed to by trading partners.
documentNumber	attribute	xs:string	optional	The actual identification number for the

effectiveDate	attribute	xs:date	optional	government ID as issued by the issuing authority. The date that the represented ID becomes effective or valid.
expirationDate	attribute	xs:date	optional	The date that the represented ID expires or becomes invalid.
placeOfIssue	attribute	xs:string	optional	The place of issue, if known. For state or provincial ID types, the state or province code is inserted here as well.
countryOfIssue	attribute	xs:string	optional	The country of issuance. For state or provincially issued IDs, this value would be the parent country.

NameCreditCardList

```
<xs:complexType name="NameCreditCardList"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>
      Collection of NameCreditCard</xs:documentation>
    </xs:annotation>
  <xs:sequence>
    <xs:element name="NameCreditCard"
      type="tns:NameCreditCard" minOccurs="0"
      maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
NameCreditCard	element	tns:NameCredit Card		Collection of credit card elements.

NameCreditCard

```
<xs:complexType name="NameCreditCard"
```

```

xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:complexContent>
  <xs:extension base="c:CreditCard">
    <xs:attribute name="operaId" type="xs:long" />
    <xs:attribute name="externalId" type="xs:string" />
    <xs:attribute name="primary" type="xs:boolean" />
    <xs:attribute name="displaySequence" type="xs:int" />
    <xs:attributeGroup ref="c:RecordAdministratorAttributes" />
  </xs:extension>
</xs:complexContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
operaId	attribute	xs:long	optional	Not used in this context.
externalId	attribute	xs:string	optional	Not used in this context.
primary	attribute	xs:boolean	Required	Indication of whether or not this credit card should be considered the guest / entity's "primary" credit card.
displaySequence	attribute	xs:int	optional	Not used in this context.
c:RecordAdministratorAttributes	attribute	attributeGroup	optional	Not used in this context.

CreditCard

```

<xs:complexType name="CreditCard"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="cardCode" type="xs:string" />
    <xs:element name="cardHolderName" type="xs:string" minOccurs="0" />
    <xs:element name="cardNumber" type="xs:string" />
    <xs:element name="seriesCode" type="xs:string" minOccurs="0" />
    <xs:element name="effectiveDate" type="xs:date" minOccurs="0" />
    <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>

```

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

cardCode	element	xs:string		Credit card vendor code (validate) (i.e. VA, AX, etc.).
cardHolderName	element	xs:string		Name on face of card.
cardNumber	element	xs:string		Card number on face of card.
seriesCode	element	xs:string		Not used in this context.
effectiveDate	element	xs:date		Not used in this context.
expirationDate	element	xs:date		Expiration date of card.
cardType	attribute	xs:string	optional	The type of payment card (validate) (i.e. Credit, Debit, Voucher, etc.).
otherCardType	attribute	xs:string	optional	Not used in this context.

NameAddressList

```
<xs:complexType name="NameAddressList"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>
      Collection of NameAddress</xs:documentation>
    </xs:annotation>
  <xs:sequence>
    <xs:element name="NameAddress" type="tns:NameAddress"
      minOccurs="0" maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
NameAddress	element	tns:NameAddress		Collection of addresses associated with the profile.

NameAddress

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

```

<xs:complexContent>
  <xs:extension base="c:Address">
    <xs:attribute name="operaId" type="xs:long" />
    <xs:attribute name="externalId" type="xs:string" />
    <xs:attribute name="primary" type="xs:boolean" />
    <xs:attribute name="displaySequence" type="xs:int" />
    <xs:attributeGroup ref="c:RecordAdministratorAttributes" />
  </xs:extension>
</xs:complexContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
operaId	attribute	xs:long	optional	Not used in this context.
externalId	attribute	xs:string	optional	Not used in this context.
primary	attribute	xs:boolean	optional	Indication of whether or not this address should be considered the guest / entity's "primary" address.
displaySequence	attribute	xs:int	optional	Not used in this context.
c:RecordAdministratorAttributes	attribute	attributeGroup	optional	Not used in this context.

Address

```

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

```

Name	Type	Data Type	Use	Comments
AddressLine	element	xs:string		Up to 5 lines of street address

				/ box number / mailstop information.
cityName	element	xs:string		City name.
stateProv	element	xs:string		State or Province code.
countryCode	element	xs:string		Country code.
postalCode	element	xs:string		Postal or zip code.
addressType	attribute	xs:string	optional	The address type code for this address.
otherAddressType	attribute	xs:string	optional	Not used in this context.

NamePhoneList

```
<xs:complexType name="NamePhoneList"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>
      Collection of NamePhone</xs:documentation>
    </xs:annotation>
  <xs:sequence>
    <xs:element name="NamePhone" type="tns:NamePhone" minOccurs="0"
      maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
NamePhone	element	tns:NamePhone		Collection of NamePhone elements for the profile.

NamePhone

```
<xs:complexType name="NamePhone"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:complexContent>
  <xs:extension base="c:Phone">
    <xs:attribute name="operaId" type="xs:long" />
    <xs:attribute name="externalId" type="xs:string" />
    <xs:attribute name="primary" type="xs:boolean" />
    <xs:attribute name="displaySequence" type="xs:int" />
    <xs:attributeGroup ref="c:RecordAdministratorAttributes" />
  </xs:extension>
</xs:complexContent>
</xs:complexType>
```

NamePhone

```
<xs:complexType name="NamePhone"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:complexContent>
  <xs:extension base="c:Phone">
    <xs:attribute name="operaId" type="xs:long" />
    <xs:attribute name="externalId" type="xs:string" />
    <xs:attribute name="primary" type="xs:boolean" />
    <xs:attribute name="displaySequence" type="xs:int" />
    <xs:attributeGroup ref="c:RecordAdministratorAttributes" />
  </xs:extension>
</xs:complexContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
operaId	attribute	xs:long	Required	Not used in this context.
externalId	attribute	xs:string	Required	Not used in this context.
primary	attribute	xs:boolean	Required	Indication of whether or not this number should be considered the guest / entity's "primary" phone number.
displaySequence	attribute	xs:int	optional	Not used in this context.
c:RecordAdministratorAttributes	attribute	attributeGroup	optional	Not used in this context.

Phone

```
<xs:complexType name="Phone"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:choice>
    <xs:element name="PhoneNumber" type="xs:string" />
    <xs:element name="PhoneData">
      <xs:complexType>
        <xs:attribute name="countryAccessCode" type="xs:string" />
        <xs:attribute name="areaCode" type="xs:string" />
        <xs:attribute name="phoneNumber" type="xs:string" />
        <xs:attribute name="extension" type="xs:string" />
      </xs:complexType>
    </xs:element>
  </xs:choice>
  <xs:attribute name="phoneType" type="xs:string" />
```

```
<xs:attribute name="phoneRole" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
PhoneNumber	element	xs:string		String representation of phone number including all required country and area code prefixes.
PhoneData	element			Not used in this context.
phoneType	attribute	xs:string	Required	The type of phone number, (e.g. HOME, BUSINESS, MOBILE).
phoneRole	attribute	xs:string	Required	The phone classification (e.g. PHONE, FAX, EMAIL).

NameEmailList

```
<xs:complexType name="NameEmailList"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>
      Collection of NameEmail</xs:documentation>
    </xs:annotation>
  <xs:sequence>
    <xs:element name="NameEmail" type="tns:NameEmail" minOccurs="0"
      maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
NameEmail	element	tns:NameEmail		Collection of email addresses.

NameEmail

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

```

        <xs:attribute name="externalId" type="xs:string" />
        <xs:attribute name="primary" type="xs:boolean" />
        <xs:attribute name="displaySequence" type="xs:int" />
        <xs:attributeGroup ref="c:RecordAdministratorAttributes" />
    </xs:extension>
</xs:simpleContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
operald	attribute	xs:long	Required	Not used in this context.
externalId	attribute	xs:string	Required	Not used in this context.
primary	attribute	xs:boolean	Required	Indication of whether or not this address should be considered the guest / entity's "primary" email address.
displaySequence	attribute	xs:int	optional	Not used in this context.
c:RecordAdministratorAttributes	attribute	attributeGroup	optional	Not used in this context.

PreferenceList

```

<xs:complexType name="PreferenceList"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>
      Collection of Preference</xs:documentation>
    </xs:annotation>
  <xs:sequence>
    <xs:element name="Preference" type="tns:Preference"
      minOccurs="0" maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Preference	element	tns:Preference		Collection of guest preference objects.

Preference

```

<xs:complexType name="Preference"

```

```

xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="PreferenceDescription"
      type="c:DescriptiveText" minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="resortCode" type="xs:string" />
  <xs:attribute name="preferenceType" type="xs:string" />
  <xs:attribute name="otherPreferenceType" type="xs:string" />
  <xs:attribute name="preferenceValue" type="xs:string" />
  <xs:attributeGroup ref="c:RecordAdministratorAttributes" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
PreferenceDescription	element	c:DescriptiveText		Not used in this context.
c:RecordAdministratorAttributes	attr grp	c:RecordAdministratorAttributes		Not used in this context.
resortCode	attribute	xs:string	Required	If this preference is specific to a given resort, the resort code should be provided here.
preferenceType	attribute	xs:string	Required	Preference type code (validate).
otherPreferenceType	attribute	xs:string	optional	Not used in this context.
preferenceValue	attribute	xs:string	Required	The actual coded value that represents this preference (validate).

NameMembershipList

```

<xs:complexType name="NameMembershipList"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>
      Collection of NameMembership</xs:documentation>
    </xs:annotation>
<xs:sequence>
  <xs:element name="NameMembership"
    type="tns:NameMembership" minOccurs="0"
    maxOccurs="unbounded" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
NameMembership	element	tns:NameMembership		Collection of membership Objects.

NameMembership

```
<xs:complexType name="NameMembership"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:complexContent>
<xs:extension base="c:Membership">
<xs:attribute name="operaId" type="xs:long" />
<xs:attribute name="externalId" type="xs:string" />
<xs:attribute name="primary" type="xs:boolean" />
<xs:attribute name="displaySequence" type="xs:int" />
<xs:attributeGroup ref="c:RecordAdministratorAttributes" />
</xs:extension>
</xs:complexContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
operaId	attribute	xs:long	Required	Not used in this context.
externalId	attribute	xs:string	Required	Not used in this context.
primary	attribute	xs:boolean	Required	Indication of whether or not this membership should be considered the guest / entity's "primary" membership.
displaySequence	attribute	xs:int	optional	Not used in this context.
c:RecordAdministratorAttributes	attribute	attributeGroup	optional	Not used in this context.

Membership

```
<xs:complexType name="Membership"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
<xs:element name="membershipType" type="xs:string"
minOccurs="0" />
<xs:element name="membershipNumber" type="xs:string" />
<xs:element name="membershipLevel" type="xs:string"
minOccurs="0" />
<xs:element name="memberName" type="xs:string" minOccurs="0" />
<xs:element name="effectiveDate" type="xs:date" minOccurs="0"
/>
/>
```

```

    <xs:element name="expirationDate" type="xs:date" minOccurs="0"
    />
    <xs:element name="currentPoints" type="xs:long" minOccurs="0"
    />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
membershipType	element	xs:string		Membership card type.
membershipNumber	element	xs:string		Membership number.
membershipLevel	element	xs:string		Membership level.
memberName	element	xs:string		Name on card.
effectiveDate	element	xs:date		Effective date of membership.
expirationDate	element	xs:date		Expiration date.
currentPoints	element	xs:long		Not used in this context.

NegotiatedRateList

```

<xs:complexType name="NegotiatedRateList"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:annotation>
  <xs:documentation>
    Collection of NegotiatedRate</xs:documentation>
</xs:annotation>
<xs:sequence>
  <xs:element name="NegotiatedRate" type="tns:NegotiatedRate"
    minOccurs="0" maxOccurs="unbounded"
  />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
NegotiatedRate	element	tns:NegotiatedRate		Collection of NegotiatedRate Objects.

NegotiatedRate

```

<xs:complexType name="NegotiatedRate"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:attribute name="operaId" type="xs:long" />
  <xs:attribute name="resortCode" type="xs:string" />
  <xs:attribute name="rateCode" type="xs:string" use="required" />

```

```

<xs:attribute name="commissionCode" type="xs:string" />
<xs:attribute name="beginDate" type="xs:date" />
<xs:attribute name="endDate" type="xs:date" />
<xs:attribute name="displaySequence" type="xs:int" />
<xs:attributeGroup ref="c:RecordAdministratorAttributes" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
c:RecordAdministratorAttributes	attr grp	c:RecordAdministratorAttributes		Not used in this context.
operaId	attribute	xs:long	optional	Not used in this context.
resortCode	attribute	xs:string	optional	Not used in this context.
rateCode	attribute	xs:string	Required	Rate code for the negotiated rate
commissionCode	attribute	xs:string	Required	Not used in this context.
beginDate	attribute	xs:date	Required	Date rate is effective
endDate	attribute	xs:date	Required	End date for rate
displaySequence	attribute	xs:int	optional	Not used in this context.

CommentList

```

<xs:complexType name="CommentList"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>
      Collection of Comment</xs:documentation>
    </xs:annotation>
  <xs:sequence>
    <xs:element name="Comment" type="tns:Comment" minOccurs="0"
      maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Comment	element	tns:Comment		Collection of guest comments.

Comment

```

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

```



```

<xs:complexContent>
  <xs:extension base="c:DescriptiveText">
    <xs:attribute name="operaId" type="xs:long" />
    <xs:attribute name="externalId" type="xs:string" />
    <xs:attribute name="commentTitle" type="xs:string" />
    <xs:attributeGroup ref="c:RecordAdministratorAttributes" />
  </xs:extension>
</xs:complexContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
operaId	attribute	xs:long	optional	Not used in this context.
externalId	attribute	xs:string	optional	Not used in this context.
commentTitle	attribute	xs:string	Required	Type of comment.
c:RecordAdministratorAttributes	attribute	attributeGroup	optional	Not used in this context.

DescriptiveText

```

<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>

```

Name	Type	Data Type	Use	Comments
Text	element	tns:TextList		At least one element must be present for Comment to be valid.
Image	element	xs:string		Not used in this context.
Url	element	xs:anyURI		Not used in this context.

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		

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	
language	attribute	xs:language	Optional	Not used in this context.

UserDefinedValueList

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

Name	Type	Data Type	Use	Comments
UserDefinedValue	element	tns:UserDefi nedValue		Collection of user defined values

UserDefinedValue

```
<xs:complexType name="UserDefinedValue"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:choice>
    <xs:element name="CharacterValue" type="xs:string" />
    <xs:element name="DateValue" type="xs:dateTime" />
    <xs:element name="NumericValue" type="xs:float" />
  </xs:choice>
  <xs:attribute name="valueName" type="xs:string" />
```

</xs:complexType>

Name	Type	Data Type	Use	Comments
CharacterValue	element	xs:string		Depending upon the type of value, one of the choice elements must be populated.
DateValue	element	xs:dateTime		
NumericValue	element	xs:float		
valueName	attribute	xs:string	Required	The name associated by either configuration or direct column mapping with the value to be retrieved.

NewProfile

Soap Action [OPERA]: <http://webservices.micros.com/og/4.2/Name#NewProfile>

Soap Action [PARTNER]: <http://webservices.micros.com/og/4.2/Partner/Name#NewProfile>

NewProfileRequest

[Partner to OPERA]

```
<?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="123" timeStamp="2004-10-13T18:22:12.3612500-04:00"
      xmlns="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="PTS" organizationID="PTS" systemType="CASINO"/>
      <Destination entityID="MYRMB" organizationID="PMS" systemType="PMS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <NewProfileRequest xmlns="http://webservices.micros.com/og/4.2/Name.wsdl">
      <Profile nameType="GUEST" languageCode="E">
        <ProfileIDs xmlns="http://webservices.micros.com/og/4.2/Name/">
          <UniqueID type="EXTERNAL"
            xmlns="
```

```

http://webservicess.micross.com/og/4.0/Common/">498894498</UniqueID>
</ProfileIDs>
<Customer xmlns
="http://webservicess.micross.com/og/4.2/Name/">
  <PersonName>
    <firstName xmlns
="http://webservicess.micross.com/og/4.0/Common/">Jane<
/firstName>
    <lastName xmlns ="http://webservicess.micross.com/o
g/4.0/Common/">Smith</lastName>
  </PersonName>
</Customer>
<Addresses xmlns
="http://webservicess.micross.com/og/4.2/Name/">
  <NameAddress>
    <AddressLine xmlns
="http://webservicess.micross.com/og/4.0/Common/">ADDR
ESS
LINE</AddressLine>
    <cityName xmlns ="
http://webservicess.micross.com/og/4.0/Common/">Anytown</cityName>
    <countryCode xmlns ="
http://webservicess.micross.com/og/4.0/Common/">US</countryCode>
    <postalCode xmlns ="
http://webservicess.micross.com/og/4.0/Common/">34105</postalCode>
  </NameAddress>
</Addresses>
<Phones xmlns ="
http://webservicess.micross.com/og/4.2/Name/">
  <NamePhone phoneType="HOME">
    <PhoneData
phoneNumber="2394504323" xmlns="
http://webservicess.micross.com/og/4.0
/Common/"/>
  </NamePhone>
</Phones>
<UserDefinedValues xmlns
="http://webservicess.micross.com/og/4.2/Name/">
  <UserDefinedValue valueName
="ANNIVERSARY DATE" xmlns="
http://webservicess.micross.com/og/4.0/Commo
n/">
    <DateValue>2004- 10-13T18:22:12.3612500-
04:00</DateValue>
  </UserDefinedValue>
  <UserDefinedValue valueName
="CONTACT PREFERENCE" xmlns="
http://webservicess.micross.com/og/4.0/Commo
n/">
    <CharacterValue>TELEPHONE</CharacterValue>
  </UserDefinedValue>
</UserDefinedValues>
</Profile>
</New ProfileRequest>
</soap:Body>

```

```
</soap:Envelope>
```

[OPERA to Partner]

```
<?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="fc8ef3d6-f45a-49d2-a9b0-d3131e51ba50"
timestamp="2004-10- 11T16:41:36.4293750- 04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" systemType="PMS"/>
      <Destination entityID="PTS" systemType="PTS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <NewProfileRequest xmlns
="http://webservices.micros.com/og/4.2/Partner/Name.wsdl">
      <Profile nameType="GUEST" languageCode="EN" vipCode="">
        <ProfileIDs xmlns
="http://webservices.micros.com/og/4.2/Name/">
          <UniqueID type="INTERNAL"
xmlns="
http://webservices.micros.com/og/4.0/Common/">45742</UniqueID>
        </ProfileIDs>
        <Customer xmlns
="http://webservices.micros.com/og/4.2/Name/">
          <PersonName>
            <nameTitle xmlns
="http://webservices.micros.com/og/4.0/Common/">Mr</n
ameTitle>
            <firstName xmlns
="http://webservices.micros.com/og/4.0/Common/">Test<
/firstName>
            <lastName xmlns
="http://webservices.micros.com/og/4.0/Common/">Reser
vation</lastName>
          </PersonName>
        </Customer>
        <Addresses xmlns
="http://webservices.micros.com/og/4.2/Name/">
          <NameAddress addressType="HOME" primary="true">
            <AddressLine xmlns
="http://webservices.micros.com/og/4.0/Common/">2460
home
          address</AddressLine>
          <AddressLine xmlns="http://webservices.micros.com/og/4.0/Common/">#
1</AddressLine>
          <cityName xmlns="
http://webservices.micros.com/og/4.0/Common/">Anytown</cityName>
          <stateProv xmlns
="http://webservices.micros.com/og/4.0/Common/">FL</stateProv>
          <countryCode xmlns="
http://webservices.micros.com/og/4.0/Common/">US</countryCode>
```

```

<postalCode xmlns ="
http://webservices.micros.com/og/4.0/Common/">34104</postalCode>
  </NameAddress>
  <NameAddress addressType ="BUSINESS" primary="false">
    <AddressLine xmlns
="http://webservices.micros.com/og/4.0/Common/">2640 Business
Address</AddressLine>
    <AddressLine xmlns
="http://webservices.micros.com/og/4.0/Common/">#
211</AddressLine>
    <cityName xmlns ="http://webservices.micros.com/
og/4.0/Common/">Anytown</cityName>
    <stateProv xmlns
="http://webservices.micros.com/og/4.0/Common/">FL</s
tateProv>
    <countryCode xmlns ="
http://webservices.micros.com/og/4.0/Common/">US</co
untryCode>
    <postalCode xmlns ="
http://webservices.micros.com/og/4.0/Common/">34105</
postalCode>
  </NameAddress>
  <NameAddress addressType ="HOME" primary="false">
    <cityName xmlns ="
http://webservices.micros.com/og/4.0/Common/"/>
    <stateProv xmlns
="http://webservices.micros.com/og/4.0/Common/"/>
    <countryCode xmlns ="
http://webservices.micros.com/og/4.0/Common/">US</co
untryCode>
    <postalCode xmlns ="
http://webservices.micros.com/og/4.0/Common/"/>
  </NameAddress>
</Addresses>
  <Phones xmlns ="
http://webservices.micros.com/og/4.2/Name/">
    <NamePhone phoneType="HOME" primary="true">
      <PhoneData
phoneNumber="2392392390" xmlns="
http://webservices.micros.com/og/4.0
/Common/"/>
      </NamePhone>
      <NamePhone phoneType="BUSINESS" primary="false">
        <PhoneData
phoneNumber="2302302300" xmlns="
http://webservices.micros.com/og/4.0
/Common/"/>
        </NamePhone>
        <NamePhone phoneType="EMAIL HOME" primary="true">
          <PhoneData
phoneNumber="reservation@email.com"
xmlns="
http://webservices.micros.com/og/4.0/Commo
n/"/>
          </ NamePhone>

```

```

        </Phones>
    </Profile>
</NewProfileRequest>
</soap:Body>
</soap:Envelope>

```

NewProfileRequest

```

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

```

Name	Type	Data Type	Use	Comments
Profile	element	nm:Profile		Contains the profile information to be inserted. No check is performed for duplication in this API. It is assumed that caller has made a reasonable effort to eliminate the possibility of duplication and has intended to call the "new" API.

See FetchProfile for a complete description of the Profile object.

The ProfileID element is operationally required for this function. Any profile passed (Partner? OPERA) must contain at the external name ID of the subject profile. The ID passed must be unique to the calling enterprise. The source attribute is not required.

Profiles passed (OPERA? Partner) will contain the internal ID of the profile within OPERA.

NewProfileResponse

[OPERA to Partner]

```

<?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="123" timeStamp
            ="2004-10-13T18:22:16.3925000-04:00 " xmlns="

```

```

http://webservices.micros.com/og/4.0/Core/">
  <Origin entityID="MYRMB" organizationID=" PMS" systemType
    ="PMS"/>
  <Destination entityID="PTS" organizationID="PTS" systemType
    ="CASINO"/>
</OGHeader>
</soap:Header>
<soap:Body>
  <NewProfileResponse xmlns
    ="http://webservices.micros.com/og/4.2/Name.wsd1">
    <Result resultStatusFlag="SUCCESS">
      <IDs xmlns ="http://webservices.micros.com/og/4.0/Common/">
        <IDPair idType ="PROFILE" operaId ="45860"/>
      </IDs>
    </Result>
  </NewProfileResponse>
</soap:Body>
</soap:Envelope>

```

[Partner to OPERA]

```

<?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="fc8ef3d6-f45a-49d2-a9b0-d3131e51ba50"
      timeStamp ="2004-10- 11T16:41:36.4293750- 04:00" xmlns
        ="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" systemType="PMS"/>
      <Destination entityID="PTS" systemType ="PTS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <NewProfileResponse xmlns
      ="http://webservices.micros.com/og/4.2/Partner/Name.wsd1">
      <Result resultStatusFlag="SUCCESS">
        <IDs xmlns ="http://webservices.micros.com/og/4.0/Common/">
          <IDPair externalId ="45742 1"/>
        </IDs>
      </Result>
    </NewProfileResponse>
  </soap:Body>
</soap:Envelope>

```

NewProfileResponse

```

<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="Result"
    type="c:ResultStatus" />
</xs:sequence>
</xs:complexType>

```


Name	Type	Data Type	Use	Comments
Result	element	c:ResultStatus		Primary indication of success or failure of 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		Used to store any error or warning text associated with transaction.
IDs	element	tns:IDPairList		Used to return the profile IDs for both internal and external systems on successful transaction, otherwise, not used.
resultStatusFlag	attribute	tns:ResultStatusFlag	Required	Primary indication of success or failure of called function.

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	If the insert of the new profile was successful, the interface will return at least two child elements of type IDPair in this element list containing both the external and internal system ID values.
--------	---------	------------	--

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	Hard coded to "PROFILE" in this context for OPERA to Partner.
operaId	attribute	xs:long	Required	The OPERA Name ID of the newly created profile record.
externalId	attribute	xs:string	Required	The original external name ID passed with the record, if any.

UpdateProfile

Soap Action [OPERA]: <http://webservices.micros.com/og/4.2/Name#UpdateProfile>

Soap Action [PARTNER]: <http://webservices.micros.com/og/4.2/Partner/Name#UpdateProfile>

UpdateProfileRequest

[Partner to OPERA]

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

```
<soa: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="123" timeStamp
="2004-10-14T09:01:00.2206250-04:00" xmlns="
http://webservicess.micross.com/og/4.0/Core/">
        <Origin entityID="PTS" organizationID="PTS" systemType ="CASINO"/>
        <Destination entityID="MYRMB" organizationID="PMS"
systemType="PMS"/>
      </OGHeader>
    </soap:Header>
    <soap:Body>
      <UpdateProfileRequest xmlns
="http://webservicess.micross.com/og/4.2/Name.wsdl">
        <Profile nameType ="GUEST" languageCode ="E">
          <ProfileIDs xmlns ="http://webservicess.micross.com/og/4.2/Name/">
            <UniqueID type ="INTERNAL"
xmlns="
http://webservicess.micross.com/og/4.0/Common/">45860</UniqueID>
            <UniqueID type ="EXTERNAL"
xmlns="
http://webservicess.micross.com/og/4.0/Common/">498894498</UniqueID>
          </ProfileIDs>
          <Customer xmlns ="http://webservicess.micross.com/og/4.2/Name/">
            <PersonName>
              <firstName xmlns
="http://webservicess.micross.com/og/4.0/Common/">Smith</firstName>
              <lastName xmlns
="http://webservicess.micross.com/og/4.0/Common/">John</lastName>
            </PersonName>
          </Customer>
          <Addresses xmlns ="http://webservicess.micross.com/og/4.2/Name/">
            <NameAddress addressType ="HOME">
              <AddressLine xmlns
="http://webservicess.micross.com/og/4.0/Common/">1111
Street</AddressLine>
              <cityName xmlns ="
http://webservicess.micross.com/og/4.0/Common/">Anytown</cityName>
              <countryCode xmlns ="
http://webservicess.micross.com/og/4.0/Common/">US</countryCode>
              <postalCode xmlns ="
http://webservicess.micross.com/og/4.0/Common/">34105</postalCode>
            </NameAddress>
          </Addresses>
          <Phones xmlns ="http://webservicess.micross.com/og/4.2/Name/">
            <NamePhone phoneType="HOME">
              <PhoneData
phoneNumber="5624504323" xmlns="
http://webservicess.micross.com/og/4.0
/Common/">
            </NamePhone>
          </Phones>
        </UpdateProfileRequest>
      </soap:Body>
    </soa:Envelope>
```

```
</UpdateProfile
  Request>
</soap:Body>
</soap:Envelope>
```

[OPERA to Partner]

```
<?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="6c3ecb36-634d-40ea-
8b9a-0fe0bee8de02" timeStamp="2004-10-
11T16:43:56.3512500-04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
    <Origin entityID="MYRMB" systemType="PMS"/>
    <Destination entityID="PTS" systemType="PTS"/>
  </OGHeader>
</soap:Header>
<soap:Body>
<UpdateProfileRequest xmlns
="http://webservices.micros.com/og/4.2/Partner/Name.wsdl">
  <Profile nameType="GUEST" languageCode="EN" vipCode="">
  <ProfileIDs xmlns="http://webservices.micros.com/og/4.2/Name/">
  <UniqueID type="INTERNAL"
xmlns="
http://webservices.micros.com/og/4.0/Common/">45742</UniqueID>
  <UniqueID type="EXTERNAL"
xmlns="
http://webservices.micros.com/og/4.0/Common/">WINN45742</UniqueID>
  </ProfileIDs>
  <Customer xmlns="http://webservices.micros.com/og/4.2/Name/">
  <PersonName>
  <nameTitle xmlns
="http://webservices.micros.com/og/4.0/Common/">Mr</nameTitle>
  <firstName xmlns
="http://webservices.micros.com/og/4.0/Common/">Test</firstName>
  <lastName xmlns="http://webservices.micros.com/o
g/4.0/Common/">Profile</lastName>
  </PersonName>
  </Customer>
  <Addresses xmlns="http://webservices.micros.com/og/4.2/Name/">
  <NameAddress addressType="HOME" primary="true">
  <AddressLine xmlns
="http://webservices.micros.com/og/4.0/Common/">2460 home
  address</AddressLine>
  <AddressLine xmlns="http://webservices.micros.com/og/4.0/Common/">#
1</AddressLine>
  <cityName xmlns="
http://webservices.micros.com/og/4.0/Common/">Anytown</cityName>
  <stateProv xmlns="http://webservices
.micros.com/og/4.0/Common/">FL</stateProv>
  <countryCode xmlns="
http://webservices.micros.com/og/4.0/Common/">US</countryCode>
```

```
<postalCode xmlns ="  
http://webservices.micros.com/og/4.0/Common/">34104</postalCode>  
</NameAddress>  
<NameAddress addressType ="BUSINESS" primary="false">  
  <AddressLine xmlns  
="http://webservices.micros.com/og/4.0/Common/">2640 Business  
Address</AddressLine>  
<AddressLine xmlns ="http://webservices.micros.com/og/4.0/Common/">#  
211</AddressLine>  
<cityName xmlns ="  
http://webservices.micros.com/og/4.0/Common/">Anytown</cityName>  
<stateProv xmlns  
="http://webservices.micros.com/og/4.0/Common/">FL</stateProv>  
<countryCode xmlns ="  
http://webservices.micros.com/og/4.0/Common/">US</countryCode>  
<postalCode xmlns ="  
http://webservices.micros.com/og/4.0/Common/">34105</postalCode>  
</NameAddress>  
<NameAddress addressType ="HOME" primary="false">  
<cityName xmlns ="http://webservices.micros.com/og/4.0/Common/">  
<stateProv xmlns ="http://webservices.micros.com/og/4.0/Common/">  
<countryCode xmlns ="  
http://webservices.micros.com/og/4.0/Common/">US</countryCode>  
<postalCode xmlns ="http://webservices.micros.com/og/4.0/Common/">  
</NameAddress>  
</Addresses>  
<Phones xmlns="http://webservices.micros.com/og/4.2/Name/">  
<NamePhone phoneType="HOME" primary="true">  
  <PhoneData  
phoneNumber="2392392390" xmlns="  
http://webservices.micros.com/og/4.0  
/Common/">  
</NamePhone>  
<NamePhone phoneType="BUSINESS" primary="false">  
  <PhoneData  
phoneNumber="2302302300" xmlns="  
http://webservices.micros.com/og/4.0  
/Common/">  
</NamePhone>  
<NamePhone phoneType="EMAIL HOME" primary="true">  
  <PhoneData  
phoneNumber="reservation@email.com"  
xmlns="  
http://webservices.micros.com/og/4.0/Commo  
n/">  
</NamePhone>  
</Phones>  
<Memberships xmlns ="http://webservices.micros.com/og/4.2/Name/">  
<NameMembership>  
<membershipType  
xmlns="  
http://webservices.micros.com/og/4.0/Common/">PTS</membershipType>  
<membershipNumber  
xmlns="
```

```

http://webservices.micros.com/og/4.0/Common/">WINN45742</membershipNu
mber>
</NameMembership>
</Memberships>
</Profile>
</UpdateProfileRequest>
</soap:Body>
</soap:Envelope>

```

UpdateProfileRequest

```

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

```

Name	Type	Data Type	Use	Comments
Profile	element	nm:Profile		Contains the profile information to be updated. If no external or internal profile ID is provided, the operation will fail. No check is performed to match names or perform any other checks that the profile to be update is "the same one" as the record passed.

See FetchProfile for a complete description of the Profile object.

The ProfileID element is operationally required for this function. Any profile passed (Partner? OPERA) must contain at the external name ID of the subject profile. The ID passed must be unique to the calling enterprise. The source attribute is not required.

Profiles passed (OPERA? Partner) will contain the internal ID of the profile within OPERA.

UpdateProfileResponse

[OPERA to Partner]

```

<?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="123" timeStamp
="2004-10-14T09:01:08.7206250-04:00 " xmlns="
http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" organizationID="PMS" systemType ="
PMS"/>
      <Destination entityID="PTS" organizationID="PTS" systemType
="CASINO"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <UpdateProfileResponse xmlns
="http://webservices.micros.com/og/4.2/Name.wsdl">
      <Result resultStatusFlag="SUCCESS">
        <IDs xmlns ="http://webservices.micros.com/og/4.0/Common/">
          <IDPair idType ="PROFILE" operaId ="45860"/>
        </IDs>
      </Result>
    </UpdateProfileResponse>
  </soap:Body>
</soap:Envelope>

```

[Partner to OPERA]

```

<?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="6c3ecb36-634d-40ea-
8b9a-0fe0bee8de02" timeStamp ="2004-10-
11T16:43:56.3512500-04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" systemType="PMS"/>
      <Destination entityID="PTS" systemType ="PTS"/>
    </ OGHeader>
  </soap:Header>
  <soap:Body>
    <UpdateProfileResponse xmlns
="http://webservices.micros.com/og/4.2/Partner/Name.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
    </UpdateProfileResponse>
  </soap:Body>
</soap:Envelope>

```

UpdateProfileResponse

```

<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="Result"
type="c:ResultStatus" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Result	element	c:ResultStatus		Primary indication of success or failure of transaction.

For this message, a simple success or failure message is expected. No processing is performed on any IDs returned.

ProfileLookup

Soap Action [OPERA]: <http://webservices.micros.com/og/4.2/Name#ProfileLookup>

Soap Action [PARTNER]: <http://webservices.micros.com/og/4.2/Partner/Name#ProfileLookup>

ProfileLookupRequest

[Partner to OPERA – Sample 1]

```
<?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="123" timeStamp="2004-10-14T09:30:55.4237500-04:00" xmlns="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="PTS" organizationID="PTS" systemType="CASINO"/>
      <Destination entityID="MYRMB" organizationID="PMS" systemType="PMS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LookupRequest xmlns="http://webservices.micros.com/og/4.2/Name.wsdl">
      <Lookup>
        <ProfileIDs>
          <UniqueID type="INTERNAL"
xmlns="http://webservices.micros.com/og/4.0/Common/">45860</UniqueID>
          <UniqueID type="EXTERNAL"
xmlns="http://webservices.micros.com/og/4.0/Common/">498894498</UniqueID>
        </ProfileIDs>
        <PersonName>
          <firstName xmlns="http://webservices.micros.com/og/4.0/Common/">Smith</firstName>
          <lastName xmlns="http://webservices.micros.com/og/4.0/Common/">Jane</lastName>
        </PersonName>
      </Lookup>
    </LookupRequest>
  </soap:Body>
</soap:Envelope>
```



```

        </PersonName>
        <Membership>
            <membershipType xmlns
                ="http://webservices.micros.com/og/4.0/Common/">PTS</me
                mbershipType>
            <membershipNumber
                xmlns="
                http://webservices.micros.com/og/4.0/Common/">498894498</membershipNu
                mber>
                <memberName xmlns
                    ="http://webservices.micros.com/og/4.0/Common/">SMITH
                JOHN</memberName>
            </Membership>
            <Address address Type=" HOME">
                <AddressLine xmlns
                    ="http://webservices.micros.com/og/4.0/Common/">1111
                Street</AddressLine>
                <cityName xmlns ="
                    http://webservices.micros.com/og/4.0/Common/">Anytown</
                    cityName>
                <countryCode xmlns ="
                    http://webservices.micros.com/og/4.0/Common/">US</count
                    ryCode>
                <postalCode xmlns ="
                    http://webservices.micros.com/og/4.0/Common/">34105</po
                    stalCode>
            </Address>
        </Lookup>
    </LookupRequest>
</soap:Body>
</soap:Envelope>

```

[Partner to OPERA – Sample 2]

```

<?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="123" timeStamp
            ="2004-10-14T09:32:07.0643750-04:00 " xmlns="
            http://webservices.micros.com/og/4.0/Core/">
            <Origin entityID="PTS" organizationID="PTS" systemType ="
            CASINO"/>
            <Destination entityID="MYRMB" organizationID="PMS"
            systemType="PMS"/>
        </OGHeader>
    </soap:Header>
    <soap:Body>
        <LookupRequest xmlns ="
            http://webservices.micros.com/og/4.2/Name.wsdl">
            <Lookup>
                <ProfileIDs>
                    <UniqueID type ="INTERNAL"

```

```

xmlns="
http://webservices.micros.com/og/4.0/Common/">45860</UniqueID>
    <UniqueID type ="EXTERNAL"
xmlns="http://w
ebservices.micros.com/og/4.0/Common/">498894498</UniqueID>
    </ProfileIDs>
    <PersonName>
        <firstName xmlns
="http://webservices.micros.com/og/4.0/Common/">Smith<
/firstName>
        <lastName xmlns
="http://webservices.micros.com/og/4.0/Common/">Jane</
lastName>
    </PersonName>
</Lookup>
</LookupRequest>
</soap:Body>
</soap:Envelope>

```

[OPERA to Partner]

```

<?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="9f7a0af4-6dff-4e3e-b2bf-d999f598223a"
timeStamp ="2004-10-12T15:09:36.8343750- 04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
            <Origin entityID="MYRMB" systemType="PMS"/>
            <Destination entityID="PTS" systemType ="PTS"/>
        </OGHeader>
    </soap:Header>
    <soap:Body>
        <LookupRequest xmlns ="
http://webservices.micros.com/og/4.2/Partner/Name.wsdl">
            <Lookup>
                <PersonName>
                    <firstName xmlns
="http://webservices.micros.com/og/4.0/Common/">SMITH</f
irstName>
                    <lastName xmlns
="http://webservices.micros.com/og/4.0/Common/">JANE</la
stName>
                </PersonName>
            </Lookup>
        </LookupRequest>
    </soap:Body>
</soap:Envelope>

```

LookupRequest

```

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

```

```

        type="tns:ProfileLookup" />
    </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Lookup	element	tns:ProfileLookup	required	

ProfileLookup

```

<xs:complexType name="ProfileLookup"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="ProfileIDs" type="c:UniqueIDList"
minOccurs="0" />
    <xs:element name="PersonName" type="c:PersonName" />
    <xs:element name="Membership" type="c:Membership" minOccurs="0"
/>
    <xs:element name="Address" type="c:Address" minOccurs="0" />
    <xs:element name="GovernmentIDs" type="c:GovernmentIDList"
minOccurs="0" />
    <xs:element name="birthDate" type="xs:date" minOccurs="0" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ProfileIDs	element	c:UniqueIDList		Not used in this context.
PersonName	element	c:PersonName		Required in this context. The lastName attribute is the only required value in LookupRequest and is one of two required elements in LookupResponse. Note that this does not restrict calling parties from mandating additional criteria as required, only indicates that the API does not require additional parameters.

Membership	element	c:Membership	Contained membership type and ID will be evaluated as criteria for lookup query.
Address	element	c:Address	Address data contained will be evaluated as criteria for lookup query.
GovernmentIDs	element	c:GovernmentIDList	Not used in this context.
birthDate	element	xs:date	Birth date will, if populated, be evaluated as criteria for lookup query.

PersonName

```
<xs:complexType name="PersonName"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="nameTitle" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    <xs:element name="firstName" type="xs:string" minOccurs="0" />
    <xs:element name="middleName" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    <xs:element name="lastName" type="xs:string" />
    <xs:element name="nameSuffix" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
  </xs:sequence>
  <xs:attribute name="nameOrdered" type="xs:string" />
  <xs:attribute name="familiarName" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
nameTitle	element	xs:string		Not used in this context.
firstName	element	xs:string		Guest first name. Only the first value is recognized or used. All others reserved for future use.
middleName	element	xs:string		Guest middle name. Only the first value is recognized or

				used. All others reserved for future use.
lastName	element	xs:string		Guest last name. This element represents the only required element in LookupResponse or Lookup- Request.
nameSuffix	element	xs:string		Not used in this context.
nameOrdered	attribute	xs:string	optional	Not used in this context.
familiarName	attribute	xs:string	optional	Not used in this context.

Membership

```

        <xs:complexType name="Membership"
            xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
    <xs:element name="membershipType" type="xs:string"
        minOccurs="0" />
    <xs:element name="membershipNumber" type="xs:string" />
    <xs:element name="membershipLevel" type="xs:string"
        minOccurs="0" />
    <xs:element name="memberName" type="xs:string" minOccurs="0" />
    <xs:element name="effectiveDate" type="xs:date" minOccurs="0"
        />
    <xs:element name="expirationDate" type="xs:date" minOccurs="0"
        />
    <xs:element name="currentPoints" type="xs:long" minOccurs="0"
        />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
membershipType	element	xs:string		The type of membership. Codes must be agreed to by trading partners prior to implementation of the interface.

membershipNumber	element	xs:string	The actual membership number.
membershipLevel	element	xs:string	Not used in this context.
memberName	element	xs:string	Not used in this context.
effectiveDate	element	xs:date	Not used in this context.
expirationDate	element	xs:date	Not used in this context.
currentPoints	element	xs:long	Not used in this context.

Address

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

Name	Type	Data Type	Use	Comments
AddressLine	element	xs:string		Up to two (2) lines of the available five (5) lines will be. All other lines will be ignored.
cityName	element	xs:string		City name associated with this address.
stateProv	element	xs:string		The state or province code associated with this address.

countryCode	element	xs:string		The ISO country code for this address.
postalCode	element	xs:string		The postal or zip code for this address.
addressType	attribute	xs:string	optional	Not used in this context.
otherAddressType	attribute	xs:string	optional	Not used in this context.

ProfileLookupResponse

[OPERA to Partner – Sample1]

```
<?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="123" timeStamp="2004-10-14T09:30:55.5956250-04:00" xmlns="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" organizationID="PMS" systemType="PMS"/>
      <Destination entityID="PTS" organizationID="PTS" systemType="CASINO"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LookupResponse xmlns="http://webservices.micros.com/og/4.2/Name.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <ProfileLookups>
        <ProfileLookup>
          <ProfileIDs>
            <UniqueID type="INTERNAL" xmlns="http://webservices.micros.com/og/4.0/Common/">45860</UniqueID>
          </ProfileIDs>
          <PersonName>
            <firstName xmlns="http://webservices.micros.com/og/4.0/Common/">Smith</firstName>
            <lastName xmlns="http://webservices.micros.com/og/4.0/Common/">Jane</lastName>
          </PersonName>
          <Address>
            <AddressLine xmlns="http://webservices.micros.com/og/4.0/Common/">

```

```

        ="http://webservices.micros.com/og/4.0/Common/">1111
        Street</AddressLine>
<AddressLine xmlns ="http://webservices.micros.com/og/4.0/Common/">
<cityName xmlns ="
http://webservices.micros.com/og/4.0/Common/">Anytown</cityName>
<stateProv xmlns ="http://webservices.micros.com/og/4.0/Common/">
<countryCode xmlns ="
http://webservices.micros.com/og/4.0/Common/">US</countryCode>
    </Address>
</ProfileLookup
    >
    </ProfileLookups>
</LookupResponse>
</soap:Body>
</soap:Envelope>

```

[OPERA to Partner – Sample2]

```

<?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="123" timeStamp
="2004-10-14T09:32:07.2831250-04:00" xmlns="
http://webservices.micros.com/og/4.0/Core/">
            <Origin entityID="MYRMB" organizationID="PMS" systemType
="PMS"/>
            <Destination entityID="PTS" organizationID="PTS"
systemType ="CASINO"/>
        </OGHeader>
    </soap:Header>
    <soap:Body>
        <LookupResponse xmlns ="
http://webservices.micros.com/og/4.2/Name.wsdl">
            <Result resultStatusFlag="SUCCESS"/>
            <ProfileLookups>
                <ProfileLookup>
                    <ProfileIDs>
                        <UniqueID type ="INTERNAL"
xmlns=" http://webservices.micros.com/og/4.
0/Common/">45860</UniqueID>
                    </ProfileIDs>
                    <PersonName>
                        <firstName xmlns
="http://webservices.micros.com/og/4.0/Common/">Smit
h</firstName>
                        <lastName xmlns
="http://webservices.micros.com/og/4.0/Common/">Jane
</lastName>
                    </PersonName>
                    <Address>
                        <AddressLine xmlns
="http://webservices.micros.com/og/4.0/Common/">1111
                        Street</AddressLine>

```



```

<AddressLine xmlns
="http://webservices.micros.com/og/4.0/Common/" />
<cityName xmlns ="http://webservices.micros.com/og/4
.0/Common/">Anytown</cityName>
<stateProv xmlns ="http://webservices.micros.com/og/4.0/Common/" />
<countryCode xmlns ="
http://webservices.micros.com/og/4.0/Common/">US</countryCode>
</Address>
</ProfileLookup>
</ProfileLookups>
</LookupResponse>
</soap:Body>
</soap:Envelope>

```

[Partner to OPERA]

```

<?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="9f7a0af4-6dff-4e3e-b2bf-
d999f598223a" timeStamp ="2004-10-12T15:09:36.8343750- 04:00"
xmlns ="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" systemType="PMS" />
      <Destination entityID="PTS" systemType="PTS" />
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <LookupResponse xmlns ="
http://webservices.micros.com/og/4.2/Partner/Name.wsdl">
      <Result resultStatusFlag="SUCCESS" />
      <ProfileLookups>
        <ProfileLookup>
          <ProfileIDs>
            <UniqueID type ="EXTERNAL"
xmlns="
http://webservices.micros.com/og/4.0/Common/">5563</UniqueID>
          </ProfileIDs>
          <PersonName>
            <firstName xmlns
="http://webservices.micros.com/og/4.0/Common/">SMIT
H</firstName>
            <middleName xmlns
="http://webservices.micros.com/og/4.0/Common/">Y</m
iddleName>
            <lastName xmlns
="http://webservices.micros.com/og/4.0/Common/">JANE
            </lastName>
          </PersonName>
        </ProfileLookup>
      </ProfileLookups>
    </LookupResponse>
  </soap:Body>
</soap:Envelope>

```

LookupResponse

```
<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="Result" type="c:ResultStatus" />
  <xs:element name="ProfileLookups" type="tns:ProfileLookupList"
    minOccurs="0" />
</xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Result	element	c:ResultStatus	required	Encapsulates the success indicator, as well as error and warning messages, if any.
ProfileLookups	element	tns:ProfileLookupList	required	Contains returned result set / line items. If lookup was unsuccessful or errored out, this collections shall be returned empty.

ProfileLookupList

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

Name	Type	Data Type	Use	Comments
ProfileLookup	element	tns:ProfileLookup		Collection of ProfileLookup objects that match requested search parameters.

ProfileLookup

```
<xs:complexType name="ProfileLookup"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="ProfileIDs" type="c:UniqueIDList"
```

```

minOccurs="0" />
<xs:element name="PersonName" type="c:PersonName" />
<xs:element name="Membership" type="c:Membership" minOccurs="0"
/>
<xs:element name="Address" type="c:Address" minOccurs="0" />
<xs:element name="GovernmentIDs" type="c:GovernmentIDList"
minOccurs="0" />
<xs:element name="birthDate" type="xs:date" minOccurs="0" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ProfileIDs	element	c:UniqueIDList		Operationally required in this context. Each ProfileLookup returned must contain at least the ID by which it that profile is known on the host system. It is the input parameter value required to perform the subsequent FetchProfile API call.
PersonName	element	c:PersonName		Required in all cases. The base element used to identify correct guest profile from list contained.
Membership	element	c:Membership		Optionally contains membership information that may be used by user to further identify correct profile.
Address	element	c:Address		Optionally contains address information that may be used by user to further identify correct profile.

GovernmentIDs	element	c:Government ID List	Optionally contains government ID information that may be used by user to further identify correct profile.
birthDate	element	xs:date	Optionally contains birth date information that may be used by user to further identify correct profile.

UniqueIDList

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

Name	Type	Data Type	Use	Comments
UniqueID	element	tns:UniqueID		If parent list element present, at least one UniqueID element should be present. If parent ProfileLookup is to be used as basis for fetching subject profile, at least one UniqueID element must be present.

UniqueID

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

```

</xs:simpleContent>
  </xs:complexType>

```

Name	Type	Data Type	Use	Comments
type	attribute	tns:UniqueIDType	Required	As always, INTERNAL to designate OPERA ID values and EXTERNAL to designate foreign system ID. In this context, will always contain at least INTERNAL.
source	attribute	xs:string	optional	Optional value that can embellish the ID value specified.

PersonName

```

<xs:complexType name="PersonName"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="nameTitle" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    <xs:element name="firstName" type="xs:string" minOccurs="0" />
    <xs:element name="middleName" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    <xs:element name="lastName" type="xs:string" />
    <xs:element name="nameSuffix" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
  </xs:sequence>
  <xs:attribute name="nameOrdered" type="xs:string" />
  <xs:attribute name="familiarName" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
nameTitle	element	xs:string		Not used in this context.
firstName	element	xs:string		Lookup candidate first name
middleName	element	xs:string		Lookup candidate middle name
lastName	element	xs:string		Lookup candidate last name

nameSuffix	element	xs:string	Not used in this context.
nameOrdered	attribute	xs:string	Not used in this context.
familiarName	attribute	xs:string	Not used in this context.

Subscription

Soap Action [OPERA]: <http://webservices.micros.com/og/4.2/Name#Subscription>

Soap Action [PARTNER]: <http://webservices.micros.com/og/4.2/Partner/Name#Subscription>

SubscriptionRequest

[Partner to OPERA]

```
<?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="123" timeStamp="2004-10-14T11:16:15.2050000-04:00" xmlns="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="PTS" organizationID="PTS" systemType="CASINO"/>
      <Destination entityID="MYRMB" organizationID="PMS" systemType="PMS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <SubscriptionRequest xmlns="http://webservices.micros.com/og/4.2/Name.wsdl">
      <Subscription subscriptionAction="SUBSCRIBE">
        <ProfileIDs>
          <UniqueID type="INTERNAL"
xmlns="http://webservices.micros.com/og/4.0/Common/">45880</UniqueID>
          <UniqueID type="EXTERNAL"
xmlns="http://webservices.micros.com/og/4.0/Common/">5924945</UniqueID>
        </ProfileIDs>
      </Subscription>
    </SubscriptionRequest>
  </soap:Body>
</soap:Envelope>
```

[OPERA to Partner]

```
<?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="f653bcb4-52f2-4718-8982-d82b8ab303c8"
timestamp=" 2004-10-12T15:09:43.9750000- 04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" systemType="PMS" />
      <Destination entityID="PTS" systemType="PTS" />
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <SubscriptionRequest xmlns
="http://webservices.micros.com/og/4.2/Partner/Name.wsdl">
      <Subscription subscriptionAction="SUBSCRIBE">
        <ProfileIDs>
          <UniqueID type="EXTERNAL"
xmlns="
http://webservices.micros.com/og/4.0/Common/">161616</UniqueID>
          <UniqueID type="INTERNAL"
xmlns="
http://webservices.micros.com/og/4.0/Common/">45759</UniqueID>
        </ProfileIDs>
      </Subscription>
    </SubscriptionRequest>
  </soap:Body>
</soap:Envelope>

```

SubscriptionRequest

```

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

```

Name	Type	Data Type	Use	Comments
Subscription	element	tns:Subscription	required	

Subscription

```

<xs:complexType name="Subscription"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="ProfileIDs"
type="c:UniqueIDList" />
  </xs:sequence>
  <xs:attribute name="subscriptionAction"
type="c:SubscriptionAction" use="required" />
  <xs:attribute name="otherSubscriptionAction" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ProfileIDs	element	c:UniqueIDList		A list of unique identifiers that will be subscribed. Currently the list must contain the INTERNAL unique ID which is the OPERA identifier as well as an EXTERNAL unique ID which is the external system's identifier.
subscriptionAction	attribute	c:SubscriptionAction	Required	An enumeration that indicates the action to be taken. At this point this is: SUBSCRIBE, UNSUBSCRIBE and OTHER, although OTHER is not being used.
otherSubscriptionAction	attribute	xs:string	Required	If OTHER is sent, include a textual description of the action to be taken.

UniqueIDList

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

Name	Type	Data Type	Use	Comments
UniqueID	element	tns:UniqueID		Collection of UniqueID objects. Include 1 item that is INTERNAL and contains the OPERA unique identifier as

well as 1 item that is EXTERNAL and contains the External System identifier.

UniqueID

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

Name	Type	Data Type	Use	Comments
type	attribute	tns:UniqueIDType	Required	The UniqueIDType (INTERNAL or EXTERNAL) that defines the base type. INTERNAL always represents the OPERA internal value.
source	attribute	xs:string	Required	In this context (Profile ID), this value may be omitted if the ID represented is INTERNAL as profiles are not unique to any specific property in OPERA. If this element represents an EXTERNAL ID, this value is required.

SubscriptionResponse

[OPERA to Partner]

```

<?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="123" timeStamp
="2004-10-14T11:16:15.3925000-04:00 " xmlns="
http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" organizationID="PMS" systemType
="PMS"/>
      <Destination entityID="PTS" organizationID="PTS" systemType
="CASINO"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <SubscriptionResponse xmlns ="
http://webservices.micros.com/og/4.2/Name.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
    </SubscriptionResponse>
  </soap:Body>
</soap:Envelope>

```

[Partner to OPERA]

```

<?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="f653bcb4-52f2-4718-8982-d82b8ab 303c8"
timeStamp=" 2004-10-12T15:09:43.9750000- 04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" systemType="PMS"/>
      <Destination entityID="PTS" systemType ="PTS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <SubscriptionResponse xmlns ="
http://webservices.micros.com/og/4.2/Partner/Name.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
    </SubscriptionResponse>
  </soap:Body>
</soap:Envelope>

```

SubscriptionResponse

```

<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="Result"
type="c:ResultStatus" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Result	element	c:ResultStatus	required	Encapsulates the success indicator, as well as error and warning messages, if any.

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		Used to store any error or warning text associated with transaction.
IDs	element	tns:IDPairList		Not used in this context.
resultStatusFlag	attribute	tns:ResultStatusFlag	Required	Primary indication of success or failure of called function.

4 Gaming Service

OPERA Service Implementation

OPERA integration will implement (host) the following service APIs from this specification:

- BalanceInquiry
- AssignCardID

Third party vendors are expected to develop appropriate web service client functionality to consume these services as appropriate.

Third Party Vendor Service Implementation

Third party (Partner) system vendors are expected to implement (host) the following service APIs from this specification:

- CompPost
- IssueCardID
- EnrollProfile
- PTSInquiry
- Subscription

OPERA integration maintains a web service client functionality to consume this web services as appropriate.

BalanceInquiry

Soap Action [OPERA]: <http://webservices.micros.com/og/4.2/Gaming#BalanceInquiry>

BalanceInquiryRequest

[Partner to OPERA]

BalanceInquiryRequest: A message sent to OPERA in order to request the balance of a customer's folio balance.

```
<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="ProfileIDs" type="c:UniqueIDList" />
    <xs:element name="PersonName" type="c:PersonName" minOccurs="0" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
ProfileIDs	element	c:UniqueIDList		The unique identifier of the profile(s) for which the balance is requested. One INTERNAL and one EXTERNAL profile are required in this context.
PersonName	element	c:PersonName	Optional	Profile information for the above profile IDs.

UniqueIDList

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

Name	Type	Data Type	Use	Comments
UniqueID	element	tns:UniqueID		

UniqueID

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

Name	Type	Data Type	Use	Comments
type	attribute	tns:UniqueIDType	Required	
source	attribute	xs:string	Required	
text	text	string	required	The actual ID value to be passed. This is

the actual value
modified by the
attributes type and
source.

PersonName

```
<xs:complexType name="PersonName"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="nameTitle" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    <xs:element name="firstName" type="xs:string" minOccurs="0" />
    <xs:element name="middleName" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    <xs:element name="lastName" type="xs:string" />
    <xs:element name="nameSuffix" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
  </xs:sequence>
  <xs:attribute name="nameOrdered" type="xs:string" />
  <xs:attribute name="familiarName" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
nameTitle	element	xs:string		Not used in this context.
firstName	element	xs:string		Profile first name
middleName	element	xs:string		Profile middle name
lastName	element	xs:string		Profile last name
nameSuffix	element	xs:string		Not used in this context.
nameOrdered	attribute	xs:string		Not used in this context.
familiarName	attribute	xs:string		Not used in this context.

BalanceInquiryResponse

[OPERA to Partner]

BalanceInquiryResponse: Returned by OPERA to the external systems. Contains information on the requested customer's folio balance.

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

```

<xs:sequence>
  <xs:element name="Result" type="c:ResultStatus" />
  <xs:element name="FolioBalance" type="tns:FolioBalance"
    minOccurs="0" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Result	element	c:ResultStatus		Encapsulates the success indicator, as well as error and warning messages, if any. Set to TRUE if information is found or if player is found but there is no information to be sent. Set to FALSE if the player is not found or other errors and provide a description of the error in the text items.
FolioBalance	element	tns:FolioBalance		Folio balance items sent from OPERA. Optional, will be left null if there is no data to be sent.

FolioBalance: One record encapsulating the data for a profile, including profile IDs, name data as well as folio balance.

```

<xs:complexType name="FolioBalance"
  xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="ProfileIDs" type="c:UniqueIDList" />
  <xs:element name="PersonName" type="c:PersonName" />
  <xs:element name="PostDetails" type="tns:PostDetailList" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ProfileIDs	element	c:UniqueIDList		The unique identifier of the profile(s) for which

PersonName	element	c:PersonName	the balance is requested. Profile information for the above profile IDs.
PostDetails	element	tns:PostDetailList	Left null if there are no posting to send, otherwise, will contain a collection of OPERA PostDetail objects.

PostDetailList: A collection of postings.

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

Name	Type	Data Type	Use	Comments
PostDetail	element	tns:PostDetail		0 or more OPERA postings.

PostDetail: An OPERA posting description. (Extends PostItem).

```
<xs:complexType name="PostDetail"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:complexContent>
  <xs:extension base="tns:PostItem">
    <xs:sequence>
      <xs:element name="roomNumber" type="xs:string" />
      <xs:element name="postedDate" type="xs:date" />
      <xs:element name="Amount" type="c:Amount" />
      <xs:element name="Description" type="c:Text" minOccurs="0" />
      <xs:element name="FolioNumbers" type="tns:FolioNumbers" />
      <xs:element name="InternalFolioNumber"
        type="tns:FolioNumbers" />
      <xs:element name="folioWindowIndicator" type="xs:integer" />
      <xs:element name="adjustmentIndicator" type="xs:boolean" />
      <xs:element name="marketSegment" type="xs:string"
        minOccurs="0" />
      <xs:element name="sourceCode" type="xs:string"
        minOccurs="0" />
      <xs:element name="DebitAmount" type="c:Amount"
        minOccurs="0" />
      <xs:element name="CreditAmount" type="c:Amount"
```



```

        minOccurs="0" />
        <xs:element name="adjustmentReason" type="xs:string"
minOccurs="0" />
        <xs:element name="linkedTransactionNumber"
type="xs:integer" minOccurs="0" />
        <xs:element name="authorizerId" type="xs:integer"
minOccurs="0" />
        <xs:element name="revenueType" type="xs:string" />
    </xs:sequence>
    <xs:attribute name="transactionCode" type="xs:string"
use="required" />
    <xs:attribute name="postingUserID" type="xs:string" />
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
roomNumber	element	xs:string		Room number for the reservations.
postedDate	element	xs:date		Date when the posting occurred.
Amount	element	c:Amount		Amount of the posting. Currently US\$ used but for the future multiple currencies can be enabled.
Description	element	c:Text		Description of the posting.
FolioNumbers	element	tns:FolioNumbers		Indicates which folio contains the posting.
InternalFolioNumber	element	tns:FolioNumbers		
folioWindowIndicator	element	xs:integer		OPERA specific transaction code for the posting.
adjustmentIndicator	element	xs:boolean		OPERA specific user ID of the person who created/updated the posting.
marketSegment	element	xs:string		Market code for posting.

sourceCode	element	xs:string		Source code for posting.
DebitAmount	element	c:Amount		Amount if debit.
CreditAmount	element	c:Amount		Amount if credit.
adjustmentReason	element	xs:string		
linkedTransactionNumber	element	xs:integer		
authorizerId	element	xs:integer		Authorizer identifier.
revenueType	element	xs:string		OPERA TC_Subgroup code which can be used to group related transaction types together.
transactionCode	attribute	xs:string	Required	OPERA transaction code.
postingUserID	attribute	xs:string	Required	

PostItem

```
<xs:complexType name="PostItem"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="resortCode" type="xs:string" />
    <xs:element name="ReservationID" type="c:UniqueID" />
  </xs:sequence>
  <xs:attribute name="transactionID" type="xs:string" use="required" />
  <xs:attribute name="compPostingStatus"
type="tns:CompPostingStatus" />
  <xs:attribute name="otherCompaPostingStatus" type="xs:string" />
  <xs:attribute name="compID" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
resortCode	element	xs:string		Unique Identifier of the reservation as known within OPERA.
ReservationID	element	c:UniqueID		Unique reservation ID.

transactionID	attribute	xs:string	Required	The transaction ID as sent by OPERA within the request.
compPostingStatus	attribute	tns:CompPostingStatus	Required	Indicates if the posting has been APPROVED, DECLINED or OTHER.
otherCompPostingStatus	attribute	xs:string	Required	If compPostingStatus is set to OTHER, fill in a description here.
compID	attribute	xs:string	Required	Approval code originated in gaming system.

Amount: Represents the amount of a transaction. Also contains the currency of the 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	Comments
currencyCode	attribute	xs:string	Required	Currency code.
text	text	string	required	Actual amount.

FolioNumbers: Indicates the OPERA Folios for the posting.

```
<xs:complexType name="FolioNumbers"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:attribute name="current" type="xs:string" use="required" />
  <xs:attribute name="previous" type="xs:string" use="required" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
current	attribute	xs:string	Required	Current folio.
previous	attribute	xs:string	optional	Previous folio. (Not currently used).

AssignCardID

Soap Action [OPERA]: <http://webservices.micros.com/og/4.2/Gaming#AssignCardID>

AssignCardIDRequest

[Partner to OPERA]

AssignCardIDRequest: Stores the player card ID within OPERA.

```
<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="TerminalID" type="c:UniqueID" minOccurs="0" />
  <xs:element name="ProfileIDs" type="c:UniqueIDList" />
  <xs:element name="PersonName" type="c:PersonName" />
  <xs:element name="ptsPlayerCardID" type="xs:string" />
</xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
TerminalID	element	c:UniqueID	optional	Not used.
ProfileIDs	element	c:UniqueIDL ist	required	Profile ID to associated card ID to.
PersonName	element	c:PersonNa me	optional	Provided in case verification of name is desired – not currently implemented. For details, see BalanceInquiry.
ptsPlayerCardID	element	xs:string	required	New player card ID.

AssignCardIDResponse

[OPERA to Partner]

AssignCardIDResponse

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

```

    <xs:element name="ResultStatus" type="c:ResultStatus" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ResultStatus	element	c:ResultStatus		Simple status response indicating whether card assignment was successful.

CompPost

Soap Action [PARTNER]: <http://webservices.micros.com/og/4.2/Partner/Gaming#CompPost>.

CompPostRequest

[OPERA to Partner]

```

<?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="d4a38477-facc-405f-9251-c4e07098f5a0"
timestamp ="2004-10-13T16:04:52.6737500- 04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
      <Origin
        entityID="MYRMB"
        systemType="PMS"/>
      <Destination
        entityID="PTS"
        systemType ="PTS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <CompPostRequest xmlns ="
http://webservices.micros.com/og/4.2/Gaming/">
      <CompPosting compPostingAction ="NEW">
        <ProfileIDs>
          <UniqueID type ="INTERNAL"
xmlns="
http://webservices.micros.com/og/4.0/Common/">29695</UniqueID>
          <UniqueID type ="EXTERNAL"
xmlns="
http://webservices.micros.com/og/4.0/Common/">191728</UniqueID>
        </ProfileIDs>
        <GuestName>
          <firstName xmlns
="http://webservices.micros.com/og/4.0/Common/">Jane</f

```

```

        firstName>
        <lastName xmlns
        ="http://webservices.micros.com/og/4.0/Common/">Smith</
        lastName>
    </GuestName>
    <PostDetail transactionID="98243" transactionCode
    ="7700" postingUserID="99">
        <ReservationID type ="INTERNAL">38447</ReservationID>
        <roomNumber>244</roomNumber>
        <postedDate>2004- 01-23</postedDate>
        <Amount currencyCode ="UYU">130</Amount>
        <Description>Comp Room Charges</Description>
        <FolioNumbers current="101"/>
        <adjustmentIndicator>>false</adjustmentIndicator>
    </PostDetail>
</CompPosting>
</CompPostRequest>
</soap:Body>
</soap:Envelope>

```

[Comp VOID]

```

<?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="0524c9e8-43bf -49b4-bfa5-040ae017ce80"
timestamp=" 2004-10-13T16:04:50.2050000- 04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
            <Origin
                entityID="MYRMB"
                systemType="PMS"/>
            <Destination
                entityID="PTS"
                systemType ="PTS"/>
        </OGHeader>
    </soap:Header>
    <soap:Body>
        <CompPostRequest xmlns ="
http://webservices.micros.com/og/4.2/Gaming/">
            <CompPosting compPostingAction ="VOID">
                <ProfileIDs>
                    <UniqueID type ="INTERNAL"
xmlns="
http://webservices.micros.com/og/4.0/Common/">29695</UniqueID>
                    <UniqueID type ="EXTERNAL"
xmlns="
http://webservices.micros.com/og/4.0
/Common/">191728</UniqueID>
                </ProfileIDs>
                <GuestName>
                    <firstName xmlns
="http://webservices.micros.com/og/4.0/Common/">Jane</f
                    irstName>

```

```

        <lastName xmlns
        ="http://webservices.micros.com/og/4.0/Common/">Smith</
        lastName>
    </GuestName>
    <PostDetail transactionID="98243" transactionCode
    ="7700" postingUserID="99">
        <ReservationID type ="INTERNAL">38447</ReservationID>
        <roomNumber>244</roomNumber>
        <postedDate>2004-01-23</postedDate>
        <Amount currencyCode ="UYU">0</Amount>
        <Description>Comp Room Charges</Description>
        <FolioNumbers current="101"/>
        <adjustmentIndicator>>false</adjustmentIndicator>
    </PostDetail>
</CompPosting>
</CompPostRequest>
</soap:Body>
</soap:Envelope>

```

CompPostRequest: Sent by OPERA to an external system when a comp. has been posted for that system.

```

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

```

Name	Type	Data Type	Use	Comments
CompPosting	element	tns:CompPosting		A CompPosting object.

CompPosting

```

<xs:complexType name="CompPosting"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:sequence>
        <xs:element name="ProfileIDs"
            type="c:UniqueIDList" />
        <xs:element name="GuestName"
            type="c:PersonName" />
        <xs:element name="PostDetail"
            type="tns:PostDetail" />
    </xs:sequence>
    <xs:attribute name="compPostingAction"
        type="tns:CompPostingAction" use="required" />
    <xs:attribute name="otherPostingAction" type="xs:string" />
    <xs:attribute name="compGuestStatus" type="tns:CompGuestStatus" />
    <xs:attribute name="otherCompGuestStatus" type="xs:string" />
</xs:complexType>

```

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

ProfileIDs	element	c:UniqueIDList	required	A list of unique identifiers. OPERA will send 2 unique IDs, one marked INTERNAL, which is the OPERA ID and one marked EXTERNAL which is how the profile is known on the external system.
GuestName	element	c:PersonName	optional	Basic information about the guest such as first, last, etc.
PostDetail	element	tns:PostDetail		Information about the actual comp posting itself.
compPostingAction	attribute	tns:CompPostingAction	Required	The action lets the external system if this comp posting is a new or a change of an existing posting.
otherPostingAction	attribute	xs:string	Required	The action lets the external system if this comp posting is a new or a change of an existing posting.
compGuestStatus	attribute	tns:CompGuestStatus	optional	Indicates whether the guest in INHOUSE, DEPARTED or OTHER.
otherCompGuestStatus	attribute	xs:string	Required	When indicating OTHER in the compGuestStatus, a description can be filled in here. At this point this is not being used.

UniqueIDList: Indicates the unique identifier that is used for the attached record. This could be a profile ID, reservation ID, etc.

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

Name	Type	Data Type	Use	Comments
UniqueID	element	tns:UniqueID		Collection of UniqueID objects. Include 1 item that is INTERNAL and contains the OPERA unique identifier as well as 1 item that is EXTERNAL and contains the External System identifier.

UniqueID: Indicates the unique identifier that is used for the attached record. This could be a profile ID, reservation ID, etc.

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

Name	Type	Data Type	Use	Comments
type	attribute	tns:UniqueIDType	Required	The UniqueIDType (INTERNAL or EXTERNAL) that defines the base type. INTERNAL always represents the OPERA internal value.

source	attribute	xs:string	Required	Not used in this context.
text	text	string	required	The actual ID value to be passed. This is the actual value modified by the attributes type and source.

PersonName: Encapsulation of a single guest's name.

```
<xs:complexType name="PersonName"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="nameTitle" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    <xs:element name="firstName" type="xs:string" minOccurs="0" />
    <xs:element name="middleName" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    <xs:element name="lastName" type="xs:string" />
    <xs:element name="nameSuffix" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
  </xs:sequence>
  <xs:attribute name="nameOrdered" type="xs:string" />
  <xs:attribute name="familiarName" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
nameTitle	element	xs:string	optional	The name title, such as Mr. or Mrs. Only the first value is recognized or used. All others reserved for future use.
firstName	element	xs:string	optional	Guest first name. Only the first value is recognized or used. All others reserved for future use.
middleName	element	xs:string	optional	Guest middle name. Only the first value is recognized or used. All others reserved for future use.

lastName	element	xs:string	required	Guest last name. This element represents the only required element in the Profile object.
nameSuffix	element	xs:string	optional	Name suffix, such as Jr., Sr., etc. Only the first value in the collection is recognized or used. All others are reserved for future use.
nameOrdered	attribute	xs:string	optional	Not used.
familiarName	attribute	xs:string	optional	Not used.

PostDetail: An OPERA posting description (Extends PostItem).

```

<xs:complexType name="PostDetail"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:complexContent>
  <xs:extension base="tns:PostItem">
    <xs:sequence>
      <xs:element name="roomNumber" type="xs:string" />
      <xs:element name="postedDate" type="xs:date" />
      <xs:element name="Amount" type="c:Amount" />
      <xs:element name="Description" type="c:Text" minOccurs="0" />
      <xs:element name="FolioNumbers" type="tns:FolioNumbers" />
      <xs:element name="InternalFolioNumber" type="tns:FolioNumbers" />
      <xs:element name="folioWindowIndicator" type="xs:integer" />
      <xs:element name="adjustmentIndicator" type="xs:boolean" />
      <xs:element name="marketSegment" type="xs:string" minOccurs="0" />
      <xs:element name="sourceCode" type="xs:string" minOccurs="0" />
      <xs:element name="DebitAmount" type="c:Amount" minOccurs="0" />
      <xs:element name="CreditAmount" type="c:Amount" minOccurs="0" />
      <xs:element name="adjustmentReason" type="xs:string" minOccurs="0" />
      <xs:element name="linkedTransactionNumber" type="xs:integer" minOccurs="0" />
      <xs:element name="authorizerId" type="xs:integer" minOccurs="0" />
      <xs:element name="revenueType" type="xs:string" />
    </xs:sequence>
    <xs:attribute name="transactionCode" type="xs:string"

```

```

        use="required" />
        <xs:attribute name="postingUserID" type="xs:string" />
    </xs:extension>
</xs:complexContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
roomNumber	element	xs:string		Room number for the reservations.
postedDate	element	xs:date		Date when the posting occurred.
Amount	element	c:Amount		Amount of the posting. Currently US\$ used but for the future multiple currencies can be enabled.
Description	element	c:Text		Description of the posting.
FolioNumbers	element	tns:FolioNumbers		Indicates which folio contains the posting.
InternalFolioNumber	element	tns:FolioNumber		
folioWindowIndicator	element	xs:integer		OPERA specific transaction code for the posting.
adjustmentIndicator	element	xs:boolean		OPERA specific user ID of the person who created/updated the posting.
marketSegment	element	xs:string		Market code for posting.
sourceCode	element	xs:string		Source code for posting.
DebitAmount	element	c:Amount		Amount if debit.
CreditAmount	element	c:Amount		Amount if credit.
adjustmentReason	element	xs:string		
linkedTransactionNumber	element	xs:integer		

authorizerId	element	xs:integer		Authorizer identifier.
revenueType	element	xs:string		OPERA TC_Subgroup code which can be used to group related transaction types together.
transactionCode	attribute	xs:string	Required	OPERA transaction code.
postingUserID	attribute	xs:string	Required	

PostItem

```

<xs:complexType name="PostItem"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="resortCode" type="xs:string" />
    <xs:element name="ReservationID" type="c:UniqueID" />
  </xs:sequence>
  <xs:attribute name="transactionID" type="xs:string" use="required" />
  <xs:attribute name="compPostingStatus"
type="tns:CompPostingStatus" />
  <xs:attribute name="otherCompaPostingStatus" type="xs:string" />
  <xs:attribute name="compID" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
resortCode	element	xs:string		Property code to post item to.
ReservationID	element	c:UniqueID		Unique Identifier of the reservation as known within OPERA.
transactionID	attribute	xs:string	Required	Unique identifier of the transaction.
compPostingStatus	attribute	tns:CompPostingStatus	Required	APPROVED, DECLINED or OTHER
otherCompaPostingStatus	attribute	xs:string	Required	If compPostingStatus is set to OTHER then a description can be filled here.

compID	attribute	xs:string	Required	Approval code originated in gaming system.
--------	-----------	-----------	----------	--

Amount: Represents the amount of a transaction. Also contains the currency of the 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	Comments
currencyCode	attribute	xs:string	Required	Currency code.
text	text	string	required	Actual amount.

FolioNumbers Indicates the OPERA Folios for the posting.

```
<xs:complexType name="FolioNumbers"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:attribute name="current" type="xs:string" use="required" />
  <xs:attribute name="previous" type="xs:string" use="required" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
current	attribute	xs:string	Required	Current folio.
previous	attribute	xs:string	Required	Previous folio. (Not currently used).

CompPostResponse

[Partner to OPERA]

```
<?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="0524c9e8-43bf -49b4-bfa5-040ae017ce80"
timeStamp=" 2004-10-13T16:04:50.2050000- 04:00" xmlns="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" systemType="PMS"/>
      <Destination entityID="PTS" systemType="PTS"/>
    </OGHeader>
  </soap:Header>
```

```

<soap:Body>
  <CompPostResponse xmlns
    ="http://webservices.micros.com/og/4.2/Gaming/">
    <ResultStatus resultStatusFlag ="SUCCESS"/>
    <PostItem transactionID="98242" compPostingStatus ="APPROVED"
      compID="123123"/>
  </CompPostResponse>
</soap:Body>
</soap:Envelope>

```

[Comp VOID]

```

<?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="c07a1d05-3206-40e4-834c
      -2fb818933007" timeStamp ="2004-10-
      13T16:12:27.6581250-04:00" xmlns
      ="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" systemType="PMS"/>
      <Destination entityID="PTS" systemType ="PTS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <CompPostResponse xmlns
      ="http://webservices.micros.com/og/4.2/Gaming/">
      <ResultStatus resultStatusFlag ="SUCCESS"/>
    </CompPostResponse>
  </soap:Body>
</soap:Envelope>

```

CompPostResponse: The response received by OPERA from the external system, following a CompPostRequest message.

```

<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="ResultStatus" type="c:ResultStatus" />
  <xs:element name="PostItem" type="tns:PostItem" minOccurs="0" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ResultStatus	element	c:ResultStatus	required	Encapsulates the success indicator, as well as error and warning messages, if any.
PostItem	element	tns:PostItem	required	Contains information about

the status of the comp, such as was it approved or declined.

PostItem

```
<xs:complexType name="PostItem"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="resortCode" type="xs:string" />
    <xs:element name="ReservationID" type="c:UniqueID" />
  </xs:sequence>
  <xs:attribute name="transactionID" type="xs:string" use="required"
/>
  <xs:attribute name="compPostingStatus"
type="tns:CompPostingStatus" />
  <xs:attribute name="otherCompaPostingStatus" type="xs:string" />
  <xs:attribute name="compID" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
resortCode	element	xs:string	optional	Property code.
ReservationID	element	c:UniqueID	optional	Unique Identifier of the reservation as known within OPERA.
transactionID	attribute	xs:string	optional	The transaction ID as sent by OPERA within the request.
compPostingStatus	attribute	tns:CompPostingStatus	Required	Indicates if the posting has been APPROVED, DECLINED or OTHER.
otherCompaPostingStatus	attribute	xs:string	optional	If compPostingStatus is set to OTHER, fill in a description here.
compID	attribute	xs:string	optional	CompID as sent by OPERA within the Request.

IssueCardID

Soap Action [PARTNER]:

http://webservices.micros.com/og/4.2/Partner/Gaming#IssueCardID

[OPERA to Partner]

```
<?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="24ca6b84-fa9f -42b6-80a7-f8e41f2991cb"
      timeStamp="2004-10-13T10:23:48.8662500- 04:00" xmlns
        ="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" systemType="PMS"/>
      <Destination entityID="PTS" systemType="PTS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <IssueCardIDRequest xmlns="
      http://webservices.micros.com/og/4.2/Gaming/">
      <TerminalID type="
        EXTERNAL">smith.ft.micros.com.111603631</TerminalID>
      <ProfileIDs>
        <UniqueID type="EXTERNAL" xmlns="
          http://webservices.micros.com/og/4.0/Common/">52135</Unique
          ID>
      </ProfileIDs>
      <PersonName>
        <firstName xmlns
          ="http://webservices.micros.com/og/4.0/Common/">Jane</first
          Name>
        <lastName xmlns
          ="http://webservices.micros.com/og/4.0/Common/">Smith</last
          Name>
      </PersonName>
    </IssueCardIDRequest>
  </soap:Body>
</soap:Envelope>
```

IssueCardIDRequest: OPERA sends this request for the creation of a player card.

```
<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="TerminalID" type="c:UniqueID" minOccurs="0" />
    <xs:element name="ProfileIDs" type="c:UniqueIDList" />
    <xs:element name="PersonName" type="c:PersonName" />
  </xs:sequence>
  <xs:attribute name="ReissueCard" type="xs:boolean" use="optional"
  />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
TerminalID	element	c:UniqueID	required	The unique identifier for the terminal where the card should be printed.
ProfileIDs	element	c:UniqueIDList	required	The unique identifier of the profile(s) for which to print IDs.
PersonName	element	c:PersonName	optional	Profile information.
ReissueCard	attribute	xs:boolean	Optional	Boolean flag to indicate whether this is a reissue (i.e. due to a lost card). If omitted, then assumed false.

UniqueIDList: Simple collection object containing UniqueID objects.

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

Name	Type	Data Type	Use	Comments
UniqueID	element	tns:UniqueID	required	Collection of UniqueID objects. In this case at least one EXTERNAL ID representing the ID of the profile in the External System. Optionally one INTERNAL ID representing the profile ID in OPERA.

UniqueID: Used throughout the interface to describe a unique identifier for a particular record.

```

<xs:complexType name="UniqueID"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="type" type="tns:UniqueIDType"
use="required" />
      <xs:attribute name="source" type="xs:string" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
type	attribute	tns:UniqueIDType	Required	The UniqueIDType (INTERNAL or EXTERNAL) that defines the base type. INTERNAL always represents the OPERA internal value.
source	attribute	xs:string	Required	This value may be omitted if the ID represented is INTERNAL as profiles are not unique to any specific property in OPERA. If this element represents an EXTERNAL ID, this value is required.
<i>text</i>	text	string	required	The actual ID value to be passed. This is the actual value modified by the attributes type and source.

PersonName: Encapsulation of a single guest's name.

```

<xs:complexType name="PersonName"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="nameTitle" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    <xs:element name="firstName" type="xs:string" minOccurs="0" />
    <xs:element name="middleName" type="xs:string" minOccurs="0"

```

```

maxOccurs="unbounded" />
<xs:element name="lastName" type="xs:string" />
<xs:element name="nameSuffix" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
</xs:sequence>
<xs:attribute name="nameOrdered" type="xs:string" />
<xs:attribute name="familiarName" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
nameTitle	element	xs:string		The name title, such as Mr. or Mrs. Only the first value is recognized or used. All others reserved for future use.
firstName	element	xs:string		Guest first name. Only the first value is recognized or used. All others reserved for future use.
middleName	element	xs:string		Guest middle name. Only the first value is recognized or used. All others reserved for future use.
lastName	element	xs:string		Guest last name. This element represents the only required element in the Profile object.
nameSuffix	element	xs:string		Name suffix, such as Jr., Sr., etc. Only the first value in the collection is recognized or used. All others are reserved for future use.
nameOrdered	attribute	xs:string	optional	Not used.
familiarName	attribute	xs:string	optional	Not used.

IssueCardIDResponse

[Partner to OPERA]

```
<?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="24ca6b84-fa9f -42b6-80a7-
f8e41f2991cb" timeStamp="2004-10-13T10:23:48.8662500- 04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" systemType="PMS"/>
      <Destination entityID="PTS" systemType="PTS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <IssueCardIDResponse xmlns
="http://webservices.micros.com/og/4.2/Gaming/">
      <ResultStatus resultStatusFlag="SUCCESS"/>
      <ptsPlayerCardID>934786</ptsPlayerCardID>
    </IssueCardIDResponse>
  </soap:Body>
</soap:Envelope>
```

IssueCardIDResponse: External system response to the player card creation message.

```
<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="ResultStatus" type="c:ResultStatus" />
  <xs:element name="ptsPlayerCardID" type="xs:string"
  minOccurs="0" />
</xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
ResultStatus	element	c:ResultStatus	required	Encapsulates the success indicator, as well as error and warning messages, if any.
ptsPlayerCardID	element	xs:string	required	The unique identifier of the new card.

EnrollProfile

Soap Action [PARTNER]: <http://webservices.micros.com/og/4.2/Partner/Gaming#EnrollProfile>

EnrollProfileRequest

[OPERA to Partner]

```
<?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="c168d4b7-dlaf -4897-
9d6b-2b274d75bb25" timeStamp="2004-10-
13T14:25:06.8925000-04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
      <Origin
        entityID="MYRMB"
        systemType="PMS"/>
      <Destination
        entityID="PTS"
        systemType="PTS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <EnrollProfileRequest xmlns
="http://webservices.micros.com/og/4.2/Gaming/">
      <Profile languageCode="E">
        <ProfileIDs xmlns
="http://webservices.micros.com/og/4.2/Name/">
          <UniqueID type="INTERNAL"
xmlns="http://webservices.micros.com/og/4.0/Common/">45839</UniqueID>
        </ProfileIDs>
        <Customer gender="MALE" birthDate="2004-01-23" xmlns
="http://webservices.micros.com/og/4.2/Name/">
          <PersonName>
            <nameTitle xmlns
="http://webservices.micros.com/og/4.0/Common/">Mr</na
meTitle>
            <firstName xmlns
="http://webservices.micros.com/og/4.0/Common/">SMITH<
/firstName>
            <lastName xmlns
="http://webservices.micros.com/og/4.0/Common/">JOHN</
lastName>
          </PersonName>
          <BusinessTitle>Mr</BusinessTitle>
          <GovernmentIDList>
            <GovernmentID documentType="PASSPORT"
documentNumber="103234232" countryOfIssue="US" xmlns
="http://webservices.micros.com/og/4.0/Common/">
          </GovernmentIDList>
        </Customer>
        <Addresses xmlns
="http://webservices.micros.com/og/4.2/Name/">
          <NameAddress addressType="H">
            <AddressLine xmlns
="http://webservices.micros.com/og/4.0/Common/">Addres
```

S

```
Line</AddressLine>
<AddressLine xmlns="http://webservices.micros.com/og/4.0/Common/" />
<AddressLine xmlns="http://webservices.micros.com/og/4.0/Common/" />
<cityName xmlns
="http://webservices.micros.com/og/4.0/Common/">Anytown</cityName>
<stateProv xmlns
="http://webservices.micros.com/og/4.0/Common/">FL</stateProv>
<countryCode xmlns
="http://webservices.micros.com/og/4.0/Common/">US</countryCode>
<postalCode xmlns="http://webservices.micros.com/og/4.0/Common/" />
  </NameAddress>
</Addresses>
</Profile>
</EnrollProfileRequest>
</soap:Body>
</soap:Envelope>
```

EnrollProfileRequest

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

Name	Type	Data Type	Use	Comments
Profile	element	n:Profile		See definition of Profile object under function FetchProfile.

EnrollProfileResponse

[Partner to OPERA]

```
<?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="203cc564-b789-4ec4-8e60-a97fbb0b19e4"
timeStamp="2004-10-13T14:25:50.9081250-04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" systemType="PMS" />
      <Destination entityID="PTS" systemType="PTS" />
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <EnrollProfileResponse xmlns
="http://webservices.micros.com/og/4.2/Gaming/">
      <ResultStatus resultStatusFlag="SUCCESS">
```

```

        <IDs xmlns="http://webservices.micros.com/og/4.0/Common/">
            <IDPair operaId="45759" externalId="161616"/>
        </IDs>
    </ResultStatus>
</EnrollProfileResponse>
</soap:Body>
</soap:Envelope>

```

EnrollProfileResponse

```

<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
    <xs:element name="ResultStatus" type="c:ResultStatus" />
    <xs:element name="ProfileList" type="n:ProfileList"
        minOccurs="0" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ResultStatus	element	c:ResultStatus		
ProfileList	element	n:ProfileList		

ProfileList

```

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

```

Name	Type	Data Type	Use	Comments
Profile	element	tns:Profile		

PTSInquiry

Soap Action [PARTNER]: <http://webservices.micros.com/og/4.2/Partner/Gaming#PTSInquiry>

PTSInquiryRequest

```

[OPERA to Partner]
<?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="31bb48e5-22cc-47ee-
b474-e274ea3e49b6" timeStamp ="2004-10-
13T15:10:18.4081250-04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
    <Origin entityID="MYRMB" systemType="PMS"/>
    <Destination entityID="PTS" systemType ="PTS"/>
    </OGHeader>
</soap:Header>
<soap:Body>
    <PTSIquiryRequest xmlns
="http://webservices.micros.com/og/4.2/Gaming/">
    <ProfileIDs>
        <UniqueID type ="EXTERNAL"
xmlns="http://webservices.micros.com/og/4.0/Common/">161616</UniqueID
>
        </ProfileIDs>
    </PTSIquiryRequest>
</soap:Body>
</soap:Envelope>
</PTSIquiryRequest>

```

PTSIquiryRequest: OPERA sends this request in order to receive information about a particular player from the external system.

```

<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
    <xs:element name="ProfileIDs" type="c:UniqueIDList" />
    <xs:element name="PersonName" type="c:PersonName" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ProfileIDs	element	c:UniqueIDList	required	The unique identifier of the profile(s) for which the information is requested.
PersonName	element	c:PersonName	optional	Profile information.

PTSIquiryResponse

[Partner to OPERA]

```

<?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="31bb48e5-22cc-47ee-
b474-e274ea3e49b6" timeStamp ="2004-10-
13T15:10:18.4081250-04:00" xmlns

```

```

="http://webservices.micros.com/og/4.0/Core/">
  <Origin entityID="MYRMB" systemType="PMS"/>
  <Destination entityID="PTS" systemType="PTS"/>
</OGHeader>
</soap:Header>
<soap:Body>
  <PTSInquiryResponse xmlns
="http://webservices.micros.com/og/4.2/Gaming/">
    <ResultStatus resultStatusFlag="SUCCESS"/>
    <PTSPlayerData>
      <ProfileIDs>
        <UniqueID type="EXTERNAL"
xmlns="http://webservices.micros.com/og/4.0/Common/">156156</UniqueID
>
        </ProfileIDs>
        <PersonName nameOrdered="NameOrdered" familiarName="
FamiliarName">
          <nameTitle xmlns
="http://webservices.micros.com/og/4.0/Common/">MR</name
Title>
          <firstName xmlns
="http://webservices.micros.com/og/4.0/Common/">FirstNam
e</firstName>
          <middleName xmlns
="http://webservices.micros.com/og/4.0/Common/">MiddleNa
me</middleName>
          <lastName xmlns
="http://webservices.micros.com/og/4.0/Common/">LastNa
me</lastName>
        </PersonName>
        <PTSDataElements>
          <PTSDataElement label="label" dataType="
STRING">Value</PTSDataElement>
        </PTSDataElements>
        <PTSComment>This is a functionality test</PTSComment>
      </PTSPlayerData>
    </PTSInquiryResponse>
  </soap:Body>
</soap:Envelope>

```

PTSInquiryResponse: Contains information about the requested player if any.

```

<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="ResultStatus" type="c:ResultStatus" />
  <xs:element name="PTSPlayerData" type="tns:PTSPlayerData"
minOccurs="0" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ResultStatus	element	c:ResultStatus	required	Encapsulates the success indicator, as

well as error and warning messages, if any. Set to TRUE if information is found or if player is found but there is no information to be sent. Set to FALSE if the player is not found or other errors and provide a description of the error in the text items.

PTSPlayerData	element	tns:PTSPlayerData	optional	Data records sent from the external system. Optional, leave as null if there is no data to be sent.
---------------	---------	-------------------	----------	---

PTSPlayerData: Encapsulates the data records for the requested player.

```
<xs:complexType name="PTSPlayerData"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="ProfileIDs" type="c:UniqueIDList" />
  <xs:element name="PersonName" type="c:PersonName" minOccurs="0" />
  <xs:element name="PTSDataElements" type="tns:PTSDataElementList"
minOccurs="0" />
  <xs:element name="PTSComment" type="tns:PTSComment"
minOccurs="0" />
</xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
ProfileIDs	element	c:UniqueIDList	required	A unique ID list that identifies the profile information being sent.
PersonName	element	c:PersonName	optional	Name information for the given profile. Optional since that is already stored in both

PTSDDataElements	element	tns:PTSDat aElementL ist	optional	external systems and the unique IDs are sufficient for identification. A collection of data fields. Each one containing information about the profile stored in the external database.
PTSComent	element	tns:PTSCo mment (xs:string)	optional	A comment containing at most 2000 characters.

PTSDDataElementList: A collection of data elements.

```
<xs:complexType name="PTSDataElementList"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="PTSDataElement" type="tns:PTSDataElement"
    minOccurs="0" maxOccurs="30" />
</xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
PTSDataElement	element	tns:PTSDat aElement	optional	A collection of at most 30 fields containing data about a profile.

PTSDataElement: A data element.

```
<xs:complexType name="PTSDataElement"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:simpleContent>
  <xs:extension
    base="xs:string">
    <xs:attribute name="label" type="xs:string" use="required" />
    <xs:attribute name="dataType" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="DATE" />
      <xs:enumeration value="NUMBER" />
      <xs:enumeration value="STRING" />
      <xs:enumeration value="OTHER" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

```

        <xs:attribute name="otherDataType" type="xs:string"
            use="optional" />
    </xs:extension>
</xs:simpleContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
label	attribute	xs:string	Required	The description of the field. Will be displayed alongside with the data field on the screen.
dataType	attribute	enumeration	Required	Indicates the type of the data field. Used by OPERA for formatting the data on the screen.
otherDataType	attribute	xs:string	Optional	If the dataType selected is OTHER, then provide a textual description here.
text	text	string	required	The value associated with the label.

5 Reservation Service

Third Party Vendor Service Implementation

Third party (Partner) system vendors are expected to implement (host) the following service APIs from this specification:

- ReservationNotification

OPERA hospitality maintains a web service client functionality to consume this web services as appropriate.

ReservationNotification

Soap Action [PARTNER]:

<http://webservices.micros.com/og/4.2/Partner/Reservation#ReservationNotification>

ReservationNotificationRequest

[OPERA to Partner]

```
<?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="2d76e7f0-084a-4ffe-ab4c-b874e402d836"
timeStamp="2004-10- 11T17:52:52.8043750- 04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
      <Origin
entityID="MYRMB"
systemType="PMS"/>
      <Destination
entityID="PTS"
systemType="PTS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <ReservationNotificationRequest xmlns
="http://webservices.micros.com/og/4.2/Partner/Reservation.wsd
1">
      <Reservation reservationAction="EDIT"
reservationStatus="RESERVED" marketSegment="PH"
insertUser="CASINO">
        <UniqueIDList xmlns
="http://webservices.micros.com/og/4.2/Reservation/">
          <UniqueID type="INTERNAL"
xmlns="http://webservices.micros.com/og/4.0/Common/">49690</UniqueID>
        </UniqueIDList>
      </ReservationNotificationRequest>
    </soap:Body>
  </soap:Envelope>
```

```

    <RoomStays xmlns
    ="http://webservices.micros.com/og/4.2/Reservation/">
        <RoomStay xmlns
    ="http://webservices.micros.com/og/4.2/HotelCommon/">
            <RatePlans>
                <RatePlan ratePlanCode="NEW"/>
            </RatePlans>
            <RoomTypes>
                <RoomType roomTypeCode ="10084" numberOfUnits
    ="1"/>
            </RoomTypes>
            <RoomRates>
                <RoomRate roomTypeCode ="10084" ratePlanCode="
    NEW">
                    <Rates>
                        <Rate>
                            <Base>200</Base>
                        </Rate>
                    </Rates>
                </RoomRate>
            </RoomRates>
            <GuestCounts>
                <GuestCount ageQualifyingCode="ADULT" count
    ="1"/>
                <GuestCount ageQualifyingCode="CHILD" count
    ="0"/>
            </GuestCounts>
            <TimeSpan>
                <StartDate>2004-01-23T00:00:00.0000000-
    05:00</StartDate>
                <EndDate>2004-01-25T00:00:00.0000000-
    05:00</EndDate>
            </TimeSpan>
            <Guarantee guaranteeType="DB"/>
            <HotelReference chainCode="CHA" hotelCode ="
    URUGUAY">OPERA Demo Hotel, Small</HotelReference>
            <Total>400</Total>
            <ResGuestRPHs>
                <ResGuestRPH RPH="0"/>
            </ResGuestRPHs>
        </RoomStay>
    </RoomStays>
    <ResGuests xmlns
    ="http://webservices.micros.com/og/4.2/Reservation/">
        <ResGuest resGuestRPH="0">
            <Profiles>
                <Profile xmlns
    ="http://webservices.micros.com/og/4.2/Name/">
                    <ProfileIDs>
                        <UniqueID type ="INTERNAL"
    xmlns="http://webservices.micros.com/og/4.0/Common/">45742</Uni
    queID>
                    </ProfileIDs>
                    <Customer>
                        <PersonName>

```

```

        <firstName
xmlns="
http://webservices.micros.com/og/4.0
/Common/">Test</firstName>
        <lastName
xmlns="
http://webservices.micros.com/og/4.
0/Common/">Profile</lastName>
        </PersonName>
    </Customer>
        <Memberships>
            <NameMembership>
                <membershipType
xmlns="
http://webservices.micros.com/og/4.0/Common/">PTS</membershipType>
                <membershipNumber
xmlns="
http://webservices.micros.com/og/4.0/Common/">WINN45742</membership
Number>
            </NameMembership>
        </Memberships>
    </Profile>
</Profiles>
</ResGuest>
</ResGuests>
</Reservation>
</ReservationNotif
icationRequest>
</soap:Body>
</soap:Envelope>

```

ReservationNotificationRequest: OPERA sends this message when the reservation is modified.

```

<xs:complexType xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
    <xs:element name="Reservation" type="res:HotelReservation" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Reservation	element	res:HotelRes ervation	required	Reservation details.

HotelReservation: Details of the reservation including status changes.

```

    <xs:complexType name="HotelReservation"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
    <xs:element name="UniqueIDList" type="c:UniqueIDList"
minOccurs="0" />
    <xs:element name="RoomStays" type="hc:RoomStayList" minOccurs="0"
/>

```



```

    <xs:element name="ResGuests" type="ResGuestList" minOccurs="0" />
    <xs:element name="WrittenConfInst" type="WrittenConfInst"
      minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="reservationAction" type="ReservationActionType"
    use="optional" />
  <xs:attribute name="reservationStatus" type="ReservationStatusType"
    use="optional" />
  <xs:attribute name="marketSegment" type="xs:string" use="optional"
    />
  <xs:attribute name="sourceCode" type="xs:string" use="optional" />
  <xs:attribute name="originCode" type="xs:string" use="optional" />
  <xs:attribute name="authorizer" type="xs:string" use="optional" />
  <xs:attribute name="compRoutingFlag" type="xs:string" use="optional"
    />
  <xs:attribute name="compRoutingAuthorizer" type="xs:string"
    use="optional" />
  <xs:attributeGroup ref="c:RecordAdministratorAttributes" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
UniqueIDList	element	c:UniqueIDList	required	A UniqueID that contains the OPERA confirmation number for the reservation.
RoomStays	element	hc:RoomStayList	required	A collection of RoomStay objects – currently limited to a single RoomStay per message.
ResGuests	element	ResGuestList	required	A collection of ResGuests objects belonging to the reservation
WrittenConfInst	element	WrittenConfInst		Not used.
c:RecordAdministratorAttributes	attr grp	c:RecordAdministratorAttributes		Additional attributes identifying record creation and modification times.
reservationAction	attribute	ReservationActionType (enumeration)	Optional	Enumeration identifying reason for change to reservation. Values are ADD, EDIT,

				CANCEL, CHECKIN, CHECKOUT, NOSHOW, and REINSTATE.
reservationStatus	attribute	ReservationStatusType (enumeration)	Optional	Enumeration identifying current reservation status. Values are RESERVED, PROSPECT, NOSHOW, CANCELED, INHOUSE, CHECKEDOUT, and WAITLISTED.
marketSegment	attribute	xs:string	Optional	Market code for reservation.
sourceCode	attribute	xs:string	Optional	Source code for reservation.
originCode	attribute	xs:string	Optional	Origin code for reservation.
authorizer	attribute	xs:string	Optional	Not used.
compRoutingFlag	attribute	xs:string	Optional	Not used.
compRoutingAuthorizer	attribute	xs:string	Optional	Not used.

UniqueIDList: Collection of unique identifiers.

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

Name	Type	Data Type	Use	Comments
UniqueID	element	tns:UniqueID	required	Contains UniqueID for reservation.

UniqueID: Unique identifier for object.

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

```

    <xs:extension base="xs:string">
      <xs:attribute name="type" type="tns:UniqueIDType"
        use="required" />
      <xs:attribute name="source" type="xs:string" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
type	attribute	tns:UniqueIDType	Required	Required. For reservations, the INTERNAL type will be sent indicating an OPERA internal identifier.
source	attribute	xs:string	Required	Not used in this context.
<i>text</i>	text	string	required	OPERA confirmation number for the reservation.

RoomStayList: A collection of RoomStay objects.

```

<xs:complexType name="RoomStayList"
  xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="RoomStay" type="RoomStay"
      maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
RoomStay	element	RoomStay	required	Currently, only a single RoomStay will be sent per notification message.

RoomStay: Contains information about the reservation.

```

    <xs:complexType name="RoomStay"
      xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:sequence>
      <xs:element name="RatePlans" type="RatePlanList" minOccurs="0" />
      <xs:element name="RoomTypes" type="RoomTypeList" minOccurs="0" />
      <xs:element name="RoomRates" type="RoomRateList" minOccurs="0" />
    </xs:sequence>
  </xs:complexType>

```

```

<xs:element name="GuestCounts" type="GuestCountList"
minOccurs="0" />
<xs:element name="TimeSpan" type="TimeSpan" minOccurs="0" />
<xs:element name="Guarantee" type="Guarantee" minOccurs="0" />
<xs:element name="CancelPenalties" type="CancelPenaltyList"
minOccurs="0" />
<xs:element name="CancelTerm" type="CancelTerm" minOccurs="0" />
<xs:element name="HotelReference" type="HotelReference"
minOccurs="0" />
<xs:element name="HotelContact" type="HotelContact" minOccurs="0"
/>
<xs:element name="Total" type="c:Amount" minOccurs="0" />
<xs:element name="ResGuestRPHs" type="ResGuestRPHList"
minOccurs="0" />
<xs:element name="Comments" type="ReservationCommentList"
minOccurs="0" />
<xs:element name="SpecialRequests" type="SpecialRequestList"
minOccurs="0" />
<xs:element name="PackageList" type="PackageList" minOccurs="0" />
<xs:element name="TransportList" type="TransportList"
minOccurs="0" />
</xs:sequence>
<xs:attribute name="isAlternate" type="xs:boolean" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
RatePlans	element	RatePlanList	required	Contains a single RatePlan object with rate information.
RoomTypes	element	RoomTypeList	optional	Contains a single RoomType object with room information.
RoomRates	element	RoomRateList	required	Contains a collection of Rate object for the reservation.
GuestCounts	element	GuestCountList	required	Contains a collection of GuestCount objects
TimeSpan	element	TimeSpan	required	Identifies the start and end dates for the reservation.
Guarantee	element	Guarantee	optional	Guarantee code information.

CancelPenalties	element	CancelPenaltyList	optional	Not used.
CancelTerm	element	CancelTerm	optional	Cancellation details.
HotelReference	element	HotelReference	required	Hotel chain and property codes.
HotelContact	element	HotelContact	optional	Not used.
Total	element	c:Amount	optional	Total charge for stay.
ResGuestRPHs	element	ResGuestRPHList	required	Collection of indices linking ResGuest items to RoomStay.
Comments	element	ReservationCommentList	optional	Collection of reservation comments.
SpecialRequests	element	SpecialRequestList	optional	Collection of guest special requests.
PackageList	element	PackageList	optional	Collection of guest add on package elements.
TransportList	element	TransportList	optional	Not Used.
isAlternate	attribute	xs:boolean	optional	Not Used.

RatePlanList: Contains a collection of RatePlan objects.

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

Name	Type	Data Type	Use	Comments
RatePlan	element	RatePlan	optional	Contains a single RatePlan object for the reservation.

RatePlan: Contains rate code details.

```
<xs:complexType name="RatePlan"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="RatePlanDescription" type="Paragraph"
    minOccurs="0" />
</xs:sequence>
```

```

    <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>

```

Name	Type	Data Type	Use	Comments
RatePlanDescription	element	Paragraph	optional	The rate description.
Commission	element	Commission	optional	Not used.
AdditionalDetails	element	AdditionalDetailList	optional	Collection of additional rate information.
CancellationDateTime	element	CancelDateTime	optional	Not used.
ratePlanCategory	attribute	xs:string	optional	Not used.
ratePlanCode	attribute	xs:string	required	The OPERA rate code for the reservation.
promotionCode	attribute	xs:string	optional	The promotion code for the rate.
qualifyingIdType	attribute	xs:string	optional	Not used.
qualifyingIdValue	attribute	xs:string	optional	Not used.
effectiveDate	attribute	xs:date	optional	Not used.
expirationDate	attribute	xs:date	optional	Not used.
hold	attribute	xs:boolean	optional	Not used.
mandatoryDeposit	attribute	xs:boolean	optional	Not used.

Paragraph: Contains textual information.

```

<xs:complexType name="Paragraph"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:choice minOccurs="0" maxOccurs="99">

```

```

    <xs:element name="Text" type="c:Text" minOccurs="0" />
    <xs:element name="Image" type="xs:string" minOccurs="0" />
    <xs:element name="URL" type="xs:anyURI" minOccurs="0" />
  </xs:choice>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Text	element	c:Text	optional	Text element.
Image	element	xs:string	optional	Not used.
URL	element	xs:anyURI	optional	Not used.

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.
language	attribute	xs:language	Optional	Not used.
text	text	string	optional	Descriptive text.

AdditionalDetailList: A collection of additional details used for the rate.

```

<xs:complexType name="AdditionalDetailList"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="AdditionalDetail" type="AdditionalDetail"
maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
AdditionalDetail	element	AdditionalD etail	optional	Includes additional details such as cancellation and guarantee policies, tax and commission information.

AdditionalDetail

```
<xs:complexType name="AdditionalDetail"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="AdditionalDetailDescription" type="Paragraph"
      minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="detailType" type="AdditionalDetailType"
    use="required" />
  <xs:attribute name="otherDetailType" type="xs:string"
    use="optional" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
AdditionalDetailDescription	element	Paragraph	optional	Paragraph object containing descriptive text for the information.
detailType	attribute	AdditionalDetailType	Required	Identifies type of additional detail.
otherDetailType	attribute	xs:string	Optional	Not used.

RoomTypeList: A collection of RoomType elements.

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

Name	Type	Data Type	Use	Comments
RoomType	element	RoomType	required	Contains a single RoomType element for the stay.

RoomType: Contains information about the room.

```
<xs:complexType name="RoomType"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="RoomTypeDescription" type="Paragraph"
      minOccurs="0" />
    <xs:element name="Rooms" minOccurs="0" maxOccurs="unbounded">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="Room">
```



```

        <xs:complexType>
            <xs:attribute name="number" type="xs:string" />
        </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="roomTypeCode" type="xs:string" use="required"
/>
<xs:attribute name="invBlockCode" type="xs:string" />
<xs:attribute name="numberOfUnits" type="xs:int" />
<xs:attribute name="isRoom" type="xs:boolean" />
<xs:attribute name="effectiveDate" type="xs:date" />
<xs:attribute name="expirationDate" type="xs:date" />
<xs:attribute name="isUpgrade" type="xs:boolean" />
<xs:attribute name="roomNumber" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
RoomTypeDescription	element	Paragraph	optional	Descriptive text for room.
Rooms	element		optional	Not used. Room number is included as an attribute of this object.
roomTypeCode	attribute	xs:string	Required	Room code.
invBlockCode	attribute	xs:string	optional	
numberOfUnits	attribute	xs:int	optional	Number of rooms reserved. Multiple rooms may be reserved in one message; however, upon check-in, this number will always be reduced to one and the additional rooms will be created as additional reservations / messages.
isRoom	attribute	xs:boolean	optional	Not used.
effectiveDate	attribute	xs:date	optional	Not used.
expirationDate	attribute	xs:date	optional	Not used.
isUpgrade	attribute	xs:boolean	optional	Not used.

roomNumber	attribute	xs:string	optional	Populated only if room number has been assigned (usually upon guest check-in).
------------	-----------	-----------	----------	--

RoomRateList: Collection of room rate amounts.

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

Name	Type	Data Type	Use	Comments
RoomRate	element	RoomRate	optional	Collection of room rates to be applied for the stay.

RoomRate: Rates applicable to the reservation.

```
<xs:complexType name="RoomRate"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="Rates" type="RateList" minOccurs="0" />
  <xs:element name="InvBlockDescription" type="Paragraph"
    minOccurs="0" />
  <xs:element name="Total" type="c:Amount" minOccurs="0" />
</xs:sequence>
<xs:attribute name="roomTypeCode" type="xs:string" use="required"
/>
<xs:attribute name="ratePlanCode" type="xs:string" use="required"
/>
<xs:attribute name="effectiveDate" type="xs:date" />
<xs:attribute name="expirationDate" type="xs:date" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Rates	element	RateList	optional	Collection of rate amounts.
InvBlockDescription	element	Paragraph	optional	Not used.
Total	element	c:Amount	optional	Not used.
roomTypeCode	attribute	xs:string	Required	Room type.
ratePlanCode	attribute	xs:string	Required	Rate code applied.

effectiveDate	attribute	xs:date	optional	Not used.
expirationDate	attribute	xs:date	optional	Not used.

RateList: Contains a collection of Rate elements.

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

Name	Type	Data Type	Use	Comments
Rate	element	Rate	optional	

Rate: The rate.

```
<xs:complexType name="Rate"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="Base" type="c:Amount" />
    <xs:element name="AdditionalGuestAmounts"
type="AdditionalGuestAmountList" minOccurs="0" />
    <xs:element name="AdditionalBedAmounts"
type="AdditionalBedAmountList" minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="effectiveDate" type="xs:date" />
  <xs:attribute name="expirationDate" type="xs:date" />
  <xs:attribute name="rateOccurrence" type="RateOccurrenceType" />
  <xs:attribute name="otherRateOccurrence" type="xs:string" />
  <xs:attribute name="rateChangeIndicator" type="xs:boolean" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Base	element	c:Amount	required	Base rate amount.
AdditionalGuest Amounts	element	Additional GuestAmo untList	optional	Collection of amounts for additional guests.
AdditionalBedA mounts	element	Additiona lBedAmo untList	optional	Collection of amounts for additional beds.
effectiveDate	attribute	xs:date	optional	Not used.
expirationDate	attribute	xs:date	optional	Not used.
rateOccurrence	attribute	RateOccurr ence Type	optional	Not used.

otherRateOccurrence	attribute	xs:string	optional	Not used.
rateChangeIndicator	attribute	xs:boolean	optional	Not used.

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	Comments
currencyCode	attribute	xs:string	Required	The currency code the amount is stated in.
text	text	string	required	The amount.

AdditionalGuestAmount

```
<xs:complexType name="AdditionalGuestAmount"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="Amount" type="c:Amount" minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="additionalGuestType" type="AgeQualifyingCode"
use="required" />
  <xs:attribute name="otherAdditionalGuestType" type="xs:string" />
  <xs:attribute name="quantity" type="xs:int" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Amount	element	c:Amount		Amount per unit
additionalGuestType	attribute	AgeQualifyingCode	Required	Valid types are CHILD and ADULT
otherAdditionalGuestType	attribute	xs:string	optional	Not used.
quantity	attribute	xs:int	optional	Not used.

AdditionalBedAmountList: Collection of additional bed amounts.

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

```

<xs:sequence>
  <xs:element name="AdditionalBedAmount"
    type="AdditionalBedAmount" maxOccurs="unbounded" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
AdditionalBedAmount	element	AdditionalBedAmount		

AdditionalBedAmount

```

<xs:complexType name="AdditionalBedAmount"
  xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="Amount" type="c:Amount" minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="extraBedType" type="AdditionalBedType"
    use="required" />
  <xs:attribute name="otherExtraBedType" type="xs:string" />
  <xs:attribute name="quantity" type="xs:int" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Amount	element	c:Amount	Required	Amount per unit.
extraBedType	attribute	AdditionalBedType	Required	Valid values are ADULT, CHILD, and CRIB.
otherExtraBedType	attribute	xs:string	Optional	Not used.
quantity	attribute	xs:int	Optional	Not used.

GuestCountList

```

<xs:complexType name="GuestCountList"
  xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="GuestCount" type="GuestCount"
      maxOccurs="unbounded" />
  </xs:sequence>
  <xs:attribute name="isPerRoom" type="xs:boolean" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
GuestCount	element	GuestCount	Required	Collection of GuestCount elements.
isPerRoom	attribute	xs:boolean	optional	Not used.

GuestCount

```
<xs:complexType name="GuestCount"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:attribute name="ageQualifyingCode" type="AgeQualifyingCode" />
  <xs:attribute name="otherAgeQualifyingCode" type="xs:string" />
  <xs:attribute name="age" type="xs:int" />
  <xs:attribute name="count" type="xs:int" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
ageQualifyingCode	attribute	AgeQualifyin gCo	Required	Valid values are ADULT and CHILD.
otherAgeQualifyin gCode	attribute	xs:string	optional	Not used.
age	attribute	xs:int	optional	Not used.
count	attribute	xs:int	required	Number of guests of type.

TimeSpan: Identifies start and length of stay.

```
<xs:complexType name="TimeSpan"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <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="xs: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="xs:dateTime" />
        <xs:element name="Duration" type="xs:duration" />
      </xs:choice>
    </xs:sequence>
  </xs:complexType>
```

Name	Type	Data Type	Use	Comments
StartDate	element	xs:dateTime	required	Reservation check in date.

EndDate	element	xs:dateTime	required	Reservation check out date.
Duration	element	xs:duration	optional	Not used.

Guarantee

```
<xs:complexType name="Guarantee"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="GuaranteesAccepted" type="GuaranteesAccepted"
minOccurs="0" />
    <xs:element name="Deadline" type="xs:dateTime" minOccurs="0" />
    <xs:element name="GuaranteeDescription" type="Paragraph"
minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="guaranteeType" type="xs:string" />
  <xs:attribute name="mandatoryDeposit" type="xs:boolean" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
GuaranteesAccepted	element	GuaranteesAccepted	optional	Used when guarantee includes credit card info.
Deadline	element	xs:dateTime	optional	Not used.
GuaranteeDescription	element	Paragraph	optional	Not used.
guaranteeType	attribute	xs:string	Required	Guarantee code
mandatoryDeposit	attribute	xs:boolean	optional	Not used.

GuaranteesAccepted

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

Name	Type	Data Type	Use	Comments
GuaranteeAccepted	element	GuaranteeAccepted	optional	Contains GuaranteeAccepted element.

GuaranteeAccepted

```

        <xs:complexType name="GuaranteeAccepted"
            xmlns:xs="http://www.w3.org/2001/XMLSchema">
            <xs:sequence>
                <xs:element name="GuaranteeCreditCard" type="c:CreditCard"
                    minOccurs="0" />
                <xs:element name="GuaranteeTravelAgent" type="c:UniqueID"
                    minOccurs="0" />
            </xs:sequence>
            <xs:attribute name="agentPhone" type="xs:string" />
        </xs:complexType>

```

Name	Type	Data Type	Use	Comments
GuaranteeCredit Card	element	c:CreditCard	optional	Credit card information.
GuaranteeTravel Agent	element	c:UniqueID		Not used.
agentPhone	attribute	xs:string	Required	Not used.

CreditCard

```

<xs:complexType name="CreditCard"
    xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:sequence>
        <xs:element name="cardCode" type="xs:string" />
        <xs:element name="cardHolderName" type="xs:string" minOccurs="0"
            />
        <xs:element name="cardNumber" type="xs:string" />
        <xs:element name="seriesCode" type="xs:string" minOccurs="0" />
        <xs:element name="effectiveDate" type="xs:date" minOccurs="0" />
        <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>

```

Name	Type	Data Type	Use	Comments
cardCode	element	xs:string	optional	Replicated card type.
cardHolderName	element	xs:string	optional	Credit card name.
cardNumber	element	xs:string	optional	Credit card number.
seriesCode	element	xs:string	optional	Not used.
effectiveDate	element	xs:date	optional	Not used.
expirationDate	element	xs:date	optional	Expiration date.
cardType	attribute	xs:string	Required	Type of card.
otherCardType	attribute	xs:string	optional	Not used.

CancelTerm

```
<xs:complexType name="CancelTerm"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="CancelReason" type="Paragraph" minOccurs="0"
/>
  </xs:sequence>
  <xs:attribute name="cancelType" type="CancelTermType"
use="required" />
  <xs:attribute name="otherCancelType" type="xs:string" />
  <xs:attribute name="cancelReasonCode" type="xs:string" />
  <xs:attribute name="cancelNumber" type="xs:string" />
  <xs:attribute name="cancelDate" type="xs:date" />
  <xs:attribute name="cancelBy" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
CancelReason	element	Paragraph		
cancelType	attribute	CancelTermType	required	Either CANCEL, NOSHOW, or OTHER. If OTHER, then the otherCancelType includes additional information about the cancellation reason.
otherCancelType	attribute	xs:string	optional	Descriptive label for cancellation reason.
cancelReasonCode	attribute	xs:string	optional	Not used.
cancelNumber	attribute	xs:string	Required	Cancellation number.
cancelDate	attribute	xs:date	optional	Not used.
cancelBy	attribute	xs:string	optional	Not used.

HotelReference: Identifies the property.

```
<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>

```

Name	Type	Data Type	Use	Comments
chainCode	attribute	xs:string	Optional	Property chain code.
hotelCode	attribute	xs:string	Required	Property code.

ResGuestRPHList: Collection of ResGuestRPH objects.

```

<xs:complexType name="ResGuestRPHList"
  xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="ResGuestRPH" type="ResGuestRPH"
    maxOccurs="unbounded" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ResGuestRPH	element	ResGuestRPH	required	

ResGuestRPH

```

<xs:complexType name="ResGuestRPH"
  xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:attribute name="RPH" type="xs:int" use="required" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
RPH	attribute	xs:int	Required	Index of ResGuest records to be associated with the RoomStay. As only one RoomStay is

sent with any Reservation message, this value can be generally ignored.

ReservationCommentList: A collection of reservation comments.

```
<xs:complexType name="ReservationCommentList"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="Comment" type="ReservationComment"
    maxOccurs="unbounded" />
</xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Comment	element	Reservation Comment	required	

ReservationComment: Comment text is included in inherited Paragraph element.

```
<xs:complexType name="ReservationComment"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:complexContent>
  <xs:extension base="Paragraph">
    <xs:attribute name="commentOriginatorCode" type="xs:string" />
    <xs:attribute name="guestViewable" type="xs:boolean" />
  </xs:extension>
</xs:complexContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
commentOriginatorCode	attribute	xs:string	Required	Not used.
guestViewable	attribute	xs:boolean	Required	Boolean flag to indicate whether the guest is permitted to see the associated comment.

SpecialRequestList

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

```

    maxOccurs="unbounded" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
SpecialRequest	element	SpecialRequest	optional	A collection of special requests for the guest.

SpecialRequest

```

<xs:complexType name="SpecialRequest"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:complexContent>
    <xs:extension base="Paragraph">
        <xs:attribute name="requestCode" type="xs:string" />
    </xs:extension>
</xs:complexContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
requestCode	attribute	xs:string	Required	The special request code as set up in OPERA.

PackageList

```

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

```

Name	Type	Data Type	Use	Comments
Package	element	Package	optional	A list of packages included in the reservation.

Package

```

<xs:complexType name="Package"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:attribute name="packageCode" type="xs:string" />
</xs:complexType>

```

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

packageCode	attribute	xs:string	Required	The package code as set up in OPERA.
-------------	-----------	-----------	----------	--------------------------------------

ResGuestList

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

Name	Type	Data Type	Use	Comments
ResGuest	element	ResGuest	required	A collection of ResGuest objects.

ResGuest

```
<xs:complexType name="ResGuest"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="Profiles" type="n:ProfileList" minOccurs="0"
      />
    <xs:element name="SpecialRequests" type="hc:SpecialRequestList"
      minOccurs="0" />
    <xs:element name="Comments" type="hc:ReservationCommentList"
      minOccurs="0" />
    <xs:element name="ArrivalTransport" type="hc:TransportInfo"
      minOccurs="0" />
    <xs:element name="DepartureTransport" type="hc:TransportInfo"
      minOccurs="0" />
    <xs:element name="GuestCounts" type="hc:GuestCountList"
      minOccurs="0" />
    <xs:element name="InHouseTimeSpan" type="hc:TimeSpan"
      minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="resGuestRPH" type="xs:int" use="required" />
  <xs:attribute name="ageQualifyingCode" type="hc:AgeQualifyingCode"
    />
  <xs:attribute name="otherAgeQualifyingCode" type="xs:string" />
  <xs:attribute name="arrivalTime" type="xs:time" />
  <xs:attribute name="departureTime" type="xs:time" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Profiles	element	n:ProfileList	required	A collection of reservation profiles. Only limited profile

					information is returned.
SpecialRequests	element	hc:SpecialRequestList	optional		Not used.
Comments	element	hc:ReservationCommentList	optional		Not used.
ArrivalTransport	element	hc:TransportInfo	optional		Not used.
DepartureTransport	element	hc:TransportInfo	optional		Not used.
GuestCounts	element	hc:GuestCountList	optional		Not used.
InHouseTimeSpan	element	hc:TimeSpan	optional		Not used.
resGuestRPH	attribute	xs:int	Required		Index of reservation guest in ResGuestRPHs list.
ageQualifyingCode	attribute	hc:AgeQualifyingCode	optional		Not used.
otherAgeQualifyingCode	attribute	xs:string	optional		Not used.
arrivalTime	attribute	xs:time	optional		Not used.
departureTime	attribute	xs:time	optional		Not used.

ProfileList

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

Name	Type	Data Type	Use	Comments
Profile	element	tns:Profile	required	A collection of reservation profiles. Only limited information is included in the reservation object.

Profile

```

        <xs:complexType name="Profile"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:sequence>
  <xs:element name="ProfileIDs" type="c:UniqueIDList" minOccurs="0"
  />
  <xs:choice>
    <xs:element name="Customer" type="tns:Customer" />
    <xs:element name="Company" type="tns:Company" />
  </xs:choice>
  <xs:element name="CreditCards" type="tns:NameCreditCardList"
minOccurs="0" />
  <xs:element name="Addresses" type="tns:NameAddressList"
minOccurs="0" />
  <xs:element name="Blacklist" type="tns:BlackList" minOccurs="0" />
  <xs:element name="Phones" type="tns:NamePhoneList" minOccurs="0"
  />
  <xs:element name="EMails" type="tns:NameEmailList" minOccurs="0"
  />
  <xs:element name="Preferences" type="tns:PreferenceList"
minOccurs="0" />
  <xs:element name="Memberships" type="tns:NameMembershipList"
minOccurs="0" />
  <xs:element name="NegotiatedRates" type="tns:NegotiatedRateList"
minOccurs="0" />
  <xs:element name="Comments" type="tns:CommentList" minOccurs="0"
  />
  <xs:element name="UserDefinedValues"
type="c:UserDefinedValueList" minOccurs="0" />
</xs:sequence>
<xs:attribute name="nameType" type="xs:string" />
<xs:attribute name="protected" type="xs:boolean" />
<xs:attribute name="languageCode" type="xs:string" />
<xs:attribute name="nationality" type="xs:string" />
<xs:attribute name="vipCode" type="xs:string" />
<xs:attribute name="taxExempt" type="xs:boolean" />
<xs:attributeGroup ref="c:RecordAdministratorAttributes" />
  </xs:complexType>

```

Name	Type	Data Type	Use	Comments
ProfileIDs	element	c:UniqueIDL ist	required	Internal OPERA ID for the profile record.
Customer	element	tns:Customer	optional	Only customer objects will be returned
Company	element	tns:Company	optional	
CreditCards	element	tns:Name Credit CardList	optional	Not used.
Addresses	element	tns:NameA ddres sList	optional	Not used.

Blacklist	element	tns:BlackList	optional	Not used.
Phones	element	tns:NamePhone List	optional	Not used.
EMails	element	tns:NameEmail List	optional	Not used.
Preferences	element	tns:Preference List	optional	Not used.
Memberships	element	tns:NameMembership List	optional	Membership collection.
NegotiatedRates	element	tns:NegotiatedRate List	optional	Not used.
Comments	element	tns:Comment List	optional	Not used.
UserDefinedValues	element	c:UserDefinedValue List	optional	Not used.
c:RecordAdministratorAttributes	attr grp	c:RecordAdministrator Attributes	optional	Not used.
nameType	attribute	xs:string	optional	Not used.
protected	attribute	xs:boolean	optional	Not used.
languageCode	attribute	xs:string	optional	Not used.
nationality	attribute	xs:string	optional	Not used.
vipCode	attribute	xs:string	optional	Not used.
taxExempt	attribute	xs:boolean	optional	Not used.

Customer

```

<xs:complexType name="Customer"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="PersonName" type="c:PersonName" />
    <xs:element name="NativeName" type="tns:NativeName"
minOccurs="0" />
    <xs:element name="BusinessTitle" type="xs:string" minOccurs="0"
/>
    <xs:element name="GovernmentIDList" type="c:GovernmentIDList"
minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="gender" type="c:Gender" />
  <xs:attribute name="birthDate" type="xs:date" />
</xs:complexType>

```


Name	Type	Data Type	Use	Comments
PersonName	element	c:PersonName	required	Guest name.
NativeName	element	tns:NativeName	optional	Not used.
BusinessTitle	element	xs:string	optional	Not used.
GovernmentIDLis t	element	c:GovernmentID List	optional	Not used.
gender	attribute	c:Gender	optional	Not used.
birthDate	attribute	xs:date	optional	Not used.

PersonName

```
<xs:complexType name="PersonName"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="nameTitle" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    <xs:element name="firstName" type="xs:string" minOccurs="0" />
    <xs:element name="middleName" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
    <xs:element name="lastName" type="xs:string" />
    <xs:element name="nameSuffix" type="xs:string" minOccurs="0"
maxOccurs="unbounded" />
  </xs:sequence>
  <xs:attribute name="nameOrdered" type="xs:string" />
  <xs:attribute name="familiarName" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
nameTitle	element	xs:string	optional	Not used in this context.
firstName	element	xs:string	optional	Guest first name.
middleName	element	xs:string	optional	Not used in this context.
lastName	element	xs:string	required	Guest last name.
nameSuffix	element	xs:string	optional	Not used in this context.
nameOrdered	attribute	xs:string	optional	Not used in this context.
familiarName	attribute	xs:string	optional	Not used in this context.

NameMembershipList

```
<xs:complexType name="NameMembershipList"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>
      Collection of NameMembership</xs:documentation>
    </xs:annotation>
  <xs:sequence>
    <xs:element name="NameMembership"
      type="tns:NameMembership" minOccurs="0"
      maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
NameMembership	element	tns:NameMembership	optional	Membership records

NameMembership

```
<xs:complexType name="NameMembership"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexContent>
    <xs:extension base="c:Membership">
      <xs:attribute name="operaId" type="xs:long" />
      <xs:attribute name="externalId" type="xs:string" />
      <xs:attribute name="primary" type="xs:boolean" />
      <xs:attribute name="displaySequence" type="xs:int" />
      <xs:attributeGroup ref="c:RecordAdministratorAttributes" />
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
operaId	attribute	xs:long	optional	Not used.
externalId	attribute	xs:string	optional	Not used.
primary	attribute	xs:boolean	optional	Not used.
displaySequence	attribute	xs:int	optional	Not used.
c:RecordAdministratorAttributes	attribute	attributeGroup	optional	Not used.

Membership

```
<xs:complexType name="Membership"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="membershipType" type="xs:string" minOccurs="0" />
    <xs:element name="membershipNumber" type="xs:string" />
  </xs:sequence>
```

```

<xs:element name="membershipLevel" type="xs:string"
minOccurs="0" />
<xs:element name="memberName" type="xs:string" minOccurs="0" />
<xs:element name="effectiveDate" type="xs:date" minOccurs="0" />
<xs:element name="expirationDate" type="xs:date" minOccurs="0"
/>
<xs:element name="currentPoints" type="xs:long" minOccurs="0" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
membershipType	element	xs:string	optional	Membership type.
membershipNumber	element	xs:string	optional	Member number.
membershipLevel	element	xs:string	optional	Membership level.
memberName	element	xs:string	optional	Member name.
effectiveDate	element	xs:date	optional	Not used.
expirationDate	element	xs:date	optional	Not used.
currentPoints	element	xs:long	optional	Not used.

ReservationNotificationResponse

[Partner to OPERA]

```

<?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="2d76e7f0-084a-4ffe-ab4c-b874e402d836"
timeStamp="2004-10-11T17:52:52.8043750-04:00" xmlns
="http://webservices.micros.com/og/4.0/Core/">
      <Origin entityID="MYRMB" systemType="PMS"/>
      <Destination entityID="PTS" systemType="PTS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <ReservationNotificationResponse xmlns
="http://webservices.micros.com/og/4.2/Partner/Reservation.wsdl"
>
      <Result resultStatusFlag="SUCCESS">
        <IDs xmlns="http://webservices.micros.com/og/4.0/Common/">
          <IDPair externalId="WINN123456"/>
        </IDs>
      </Result>
    </ReservationNotificationResponse>
  </soap:Body>
</soap:Envelope>

```

ReservationNotificationResponse

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

Name	Type	Data Type	Use	Comments
Result	element	c:ResultStatus	required	Simple result indicating success or failure by Partner to accept the reservation. No processing is performed on and IDs returned in the message. In case of error, the error text will be logged.
