



Opera Hotel Edition



Opera Electronic Distribution Systems (OEDS)

Reservation Messaging Specification for OWS 5.1
Document Version 2.0.3

ORS/PMS Version: 3.0.0+

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Table of Contents

Record of Changes	4
Notes	5
HotelReservation Samples.....	6
Request Sample.....	6
Response Sample	7
HotelReservation Discussion.....	10
Rates.....	10
Guarantee(s)	11
Profile(s)	11
Award Redemption Booking	12
HotelReservation Element Definitions.....	12
CreateBooking.....	47
CreateBookingRequest	47
CreateBookingResponse	48
FetchBooking.....	51
FetchBookingRequest	51
FetchBookingResponse.....	53
ModifyBooking.....	55
ModifyBookingRequest.....	55
ModifyBookingResponse	56
CancelBooking.....	58
CancelBookingRequest.....	58
CancelBookingResponse	61
FutureBookingSummary.....	64
FutureBookingSummaryRequest.....	64
FutureBookingSummaryResponse	66
EmailConfirmation	81
EmailConfirmationRequest.....	81
EmailConfirmationResponse	82
SetDailyPoints	84
SetDailyPointsRequest.....	84
SetDailyPointsResponse	85
FetchBookingForPointUpdate	86
FetchBookingForPointUpdateRequest	86
FetchBookingForPointUpdateResponse	87
FetchBookedPackages	87
FetchBookedPackagesRequest	87
FetchBookedPackagesResponse	88
UpdatePackages	90
UpdatePackagesRequest	90
UpdatePackagesResponse.....	91
DeletePackages	92
DeletePackagesRequest	92
DeletePackagesResponse.....	93

Record of Changes

Date	Version	Description	Author
13 Jan 2004	1.0.0	Initial Release	B. More
22 Sep 2004	1.1.0	Changes for 5.1	Paul Talabis
10 May 2005	1.2.0	<ul style="list-style-type: none"> Added Phone Attribute to Profile section Changed phoneType in Phone section to optional and updated comment. Updated comment for phoneRole in Phone section 	E. Morgenstern
12 May 2005	1.2.1	<ul style="list-style-type: none"> Modified Hotel Reservation Sample message to include MemberAwardInfo Added Membership.xsd link in HotelReservation Added Award Redemption Booking section Added MemberAwardInfo to Room Stay definition 	E. Morgenstern
08 Aug 2005	2.0.0	<ul style="list-style-type: none"> Reformatted Document Added Response Sample Updated Notes Section Update Reservation Elements Added new functions – EmailConf, SetDailyPoints, FetchBookingPoint 	E. Morgenstern
26 Aug 2005	2.0.1	<ul style="list-style-type: none"> Added CreditCardDeposit to HotelReservation Sample Added Breakout of CreditCardPayment 	E. Morgenstern
22 Sep 2005	2.0.2	<ul style="list-style-type: none"> Updated marketCode and sourceCode attributes on HotelReservation 	E. Morgenstern
20 Mar 2006	2.0.3	<ul style="list-style-type: none"> Added FetchBookedPackages, UpdatePackages, Delete Packages functions 	C.Dimitrov

Notes

WSDL document described by this document can be found at:

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

Associated schema (XSD) documents can be found at:

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

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

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

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

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

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

Soap actions described by this document are:

<http://webservices.micros.com/ows/5.1/Reservation.wsdl#CreateBooking>

<http://webservices.micros.com/ows/5.1/Reservation.wsdl#FetchBooking>

<http://webservices.micros.com/ows/5.1/Reservation.wsdl#ModifyBooking>

<http://webservices.micros.com/ows/5.1/Reservation.wsdl#CancelBooking>

<http://webservices.micros.com/ows/5.1/Reservation.wsdl#FutureBookingSummary>

<http://webservices.micros.com/ows/5.1/Reservation.wsdl#EmailConfirmation>

<http://webservices.micros.com/ows/5.1/Reservation.wsdl#SetDailyPoints>

<http://webservices.micros.com/ows/5.1/Reservation.wsdl#FetchBookingForPointUpdate>

<http://webservices.micros.com/ows/5.1/Reservation.wsdl#FetchBookedPackages>

<http://webservices.micros.com/ows/5.1/Reservation.wsdl#DeletePackages>

<http://webservices.micros.com/ows/5.1/Reservation.wsdl#UpdatePackages>

For more information on the OGHeader section, please refer to the "OWS_Header_Spec" document.

HotelReservation Samples

Request Sample

```
<HotelReservation xmlns="http://webservices.micros.com/og/4.3/Reservation/"
xmlns:n="http://webservices.micros.com/og/4.3/Name/" xmlns:c="http://webservices.micros.com/og/4.3/Common/"
xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
xmlns:m="http://webservices.micros.com/og/4.3/Membership/" >
  <RoomStays>
    <hc:RoomStay>
      <hc:RatePlans>
        <hc:RatePlan ratePlanCode="RAC" promotionCode="PR1" />
      </hc:RatePlans>
      <hc:RoomTypes>
        <hc:RoomType roomTypeCode="A1K" numberOfUnits="2" invBlockCode="AA01312004"/>
      </hc:RoomTypes>
      <hc:RoomRates>
        <hc:RoomRate roomTypeCode="A1K" ratePlanCode="RAC" />
      </hc:RoomRates>
      <hc:GuestCounts>
        <hc:GuestCount ageQualifyingCode="ADULT" count="1"/>
        <hc:GuestCount ageQualifyingCode="CHILD" count="1"/>
      </hc:GuestCounts>
      <hc:TimeSpan>
        <hc:StartDate>2004-01-29T00:00:00.000</hc:StartDate>
        <hc:EndDate>2004-01-30T00:00:00.000</hc:EndDate>
      </hc:TimeSpan>
      <hc:Guarantee>
        <hc:GuaranteesAccepted>
          <hc:GuaranteeAccepted>
            <hc:GuaranteeCreditCard>
              <c:cardCode>VI</c:cardCode>
              <c:cardHolderName>WILLIAM PIGSTICKER</c:cardHolderName>
              <c:cardNumber>4012888888881881</c:cardNumber>
              <c:expirationDate>2006-01-31</c:expirationDate>
            </hc:GuaranteeCreditCard>
          </hc:GuaranteeAccepted>
        </hc:GuaranteesAccepted>
      </hc:Guarantee>
      <hc:CreditCardDeposit>
        <c:cardCode>AX</c:cardCode>
        <c:cardHolderName>Eric Morgenstern</c:cardHolderName>
        <c:cardNumber>3711111111111114</c:cardNumber>
        <c:expirationDate>2009-09-01</c:expirationDate>
        <hc:CIDNumber>056</hc:CIDNumber>
        <hc:Address>
          <c:AddressLine>4231 Huntington Lakes Circle</c:AddressLine>
          <c:cityName>Naples</c:cityName>
          <c:stateProv>FL</c:stateProv>
          <c:countryCode>US</c:countryCode>
          <c:postalCode>34119</c:postalCode>
        </hc:Address>
      </hc:CreditCardDeposit>
      <hc:HotelReference chainCode="TI" hotelCode="LONMAR"/>
      <hc:ResGuestRPHs>
        <hc:ResGuestRPH RPH="0"/>
      </hc:ResGuestRPHs>
      <hc:Comments>
        <hc:Comment guestViewable="false" commentOriginatorCode="CRO">
          <hc:Text>This is a reservation comment that is not guest-viewable.</hc:Text>
        </hc:Comment>
        <hc:Comment guestViewable="true">
```

```

        <hc:Text>This is a reservation comment that ithe guest can view.</hc:Text>
    </hc:Comment>
</hc:Comments>
<hc:SpecialRequests>
    <hc:SpecialRequest requestCode="DIS"/>
    <hc:SpecialRequest requestCode="CHB"/>
</hc:SpecialRequests>
<hc:MemberAwardInfo>
    <m:awardType>AWSE5C</m:awardType>
    <m:membershipID>26748</m:membershipID>
</hc:MemberAwardInfo>
</hc:RoomStay>
</RoomStays>
<ResGuests>
    <ResGuest resGuestRPH="0">
        <Profiles>
            <n:Profile>
                <n:ProfileIDs>
                    <c:UniqueID type="INTERNAL">4444</c:UniqueID>
                </n:ProfileIDs>
            </n:Profile>
            <n:Profile>
                <n:Company>
                    <n:CompanyType>COMPANY</n:CompanyType>
                    <n:CompanyID>000CORP1</n:CompanyID>
                </n:Company>
            </n:Profile>
        </Profiles>
        <r:ArrivalTransport carrierCode="AA" id="421" locationCode="HEA" time="2004-01-
29T14:30:00.000"/>
        <r:DepartureTransport carrierCode="DE" id="1421" locationCode="RSW" time="2005-05-
31T16:30:00.000" type="Train"/>
    </ResGuest>
</ResGuests>
<WrittenConflnst>
    <Email>bpigsticker@blackdogs.com</Email>
</WrittenConflnst>
</HotelReservation>

```

Response Sample

```

<?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="000037" timeStamp="2004-01-13T14:48:16.0718750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
            <Origin entityID="TI" systemType="ORS"/>
            <Destination entityID="WEST" systemType="WEB"/>
        </OGHeader>
    </soap:Header>
    <soap:Body>
        <FetchBookingResponse xmlns:r="http://webservices.micros.com/og/4.3/Reservation/"
xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
xmlns:c="http://webservices.micros.com/og/4.3/Common/"
xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
            <Result resultStatusFlag="SUCCESS"/>
            <HotelReservation onBehalfFlag="false">
                <r:UniqueIDList>
                    <c:UniqueID type="INTERNAL">1400359</c:UniqueID>
                    <c:UniqueID type="INTERNAL" source="RESVID">1309219</c:UniqueID>
                </r:UniqueIDList>
                <r:RoomStays>
                    <hc:RoomStay>
                        <hc:RatePlans>
                            <hc:RatePlan ratePlanCode="EXR">

```

```

    <hc:RatePlanDescription>
      <hc:Text>Exclusive Rate for OWS</hc:Text>
    </hc:RatePlanDescription>
    <hc:AdditionalDetails>
      <hc:AdditionalDetail detailType="GuaranteePolicy">
        <hc:AdditionalDetailDescription>
          <hc:Text>GUARANTEE BY VALID CREDIT CARD</hc:Text>
        </hc:AdditionalDetailDescription>
      </hc:AdditionalDetail>
      <hc:AdditionalDetail detailType="CancelPolicy">
        <hc:AdditionalDetailDescription>
          <hc:Text>CANCEL BY 15-AUG-05 4PM</hc:Text>
        </hc:AdditionalDetailDescription>
      </hc:AdditionalDetail>
      <hc:AdditionalDetail detailType="TaxInformation">
        <hc:AdditionalDetailDescription>
          <hc:Text>Eric Tax </hc:Text>
        </hc:AdditionalDetailDescription>
      </hc:AdditionalDetail>
      <hc:AdditionalDetail detailType="MarketingInformation">
        <hc:AdditionalDetailDescription>
          <hc:Text>Thank you for booking</hc:Text>
        </hc:AdditionalDetailDescription>
      </hc:AdditionalDetail>
    </hc:AdditionalDetails>
  </hc:RatePlan>
</hc:RatePlans>
<hc:RoomTypes>
  <hc:RoomType roomTypeCode="MLQ" numberOfUnits="2">
    <hc:RoomTypeDescription>
      <hc:Text>MLTQ - ML 2 Queen</hc:Text>
    </hc:RoomTypeDescription>
  </hc:RoomType>
</hc:RoomTypes>
<hc:RoomRates>
  <hc:RoomRate roomTypeCode="MLQ" ratePlanCode="EXR">
    <hc:Rates>
      <hc:Rate>
        <hc:Base currencyCode="USD">270</hc:Base>
      </hc:Rate>
    </hc:Rates>
  </hc:RoomRate>
</hc:RoomRates>
<hc:GuestCounts>
  <hc:GuestCount ageQualifyingCode="ADULT" count="2"/>
  <hc:GuestCount ageQualifyingCode="CHILD" count="0"/>
</hc:GuestCounts>
<hc:TimeSpan>
  <hc:StartDate>2005-08-15T00:00:00.0000000-04:00</hc:StartDate>
  <hc:EndDate>2005-08-16T00:00:00.0000000-04:00</hc:EndDate>
</hc:TimeSpan>
<hc:Guarantee guaranteeType="CC">
  <hc:GuaranteesAccepted>
    <hc:GuaranteeAccepted>
      <hc:GuaranteeCreditCard cardType="AX">
        <c:cardHolderName>Eric Morgenstern</c:cardHolderName>
        <c:cardNumber>373344556677889</c:cardNumber>
        <c:expirationDate>2008-07-01</c:expirationDate>
      </hc:GuaranteeCreditCard>
    </hc:GuaranteeAccepted>
  </hc:GuaranteesAccepted>
</hc:Guarantee>
  <hc:HotelReference chainCode="WC" hotelCode="SEFIVE">Grand Hotel on Fifth
Avenue</hc:HotelReference>
  <hc:Total currencyCode="USD">540</hc:Total>
  <hc:ResGuestRPHs>

```



```

        <hc:ResGuestRPH RPH="0"/>
    </hc:ResGuestRPHs>
    <hc:Comments>
        <hc:Comment guestViewable="true">
            <hc:Text>Comment 1</hc:Text>
        </hc:Comment>
        <hc:Comment guestViewable="true">
            <hc:Text>Comment 2</hc:Text>
        </hc:Comment>
    </hc:Comments>
    <hc:SpecialRequests>
        <hc:SpecialRequest requestCode="DIS"/>
        <hc:SpecialRequest requestCode="CHB"/>
    </hc:SpecialRequests>
    <hc:DailyChargePoints>
        <hc:Points>
            <hc:Dates>
                <hc:StartDate>2005-08-15T00:00:00.0000000-04:00</hc:StartDate>
                <hc:EndDate>2005-08-16T00:00:00.0000000-04:00</hc:EndDate>
            </hc:Dates>
            <hc:Points>0</hc:Points>
        </hc:Points>
    </hc:DailyChargePoints>
    <hc:ExpectedCharges TotalRoomRateAndPackages="270" TotalTaxesAndFees="17.55"
TaxInclusive="false">
        <hc:ChargesForPostingDate PostingDate="2005-08-15">
            <hc:RoomRateAndPackages TotalCharges="270">
                <hc:Charges>
                    <hc:Description>BASE RATE</hc:Description>
                    <hc:Amount currencyCode="USD">270</hc:Amount>
                </hc:Charges>
            </hc:RoomRateAndPackages>
            <hc:TaxesAndFees TotalCharges="17.55">
                <hc:Charges>
                    <hc:Description>2001 Eric Tax</hc:Description>
                    <hc:Amount currencyCode="USD">17.55</hc:Amount>
                </hc:Charges>
            </hc:TaxesAndFees>
        </hc:ChargesForPostingDate>
    </hc:ExpectedCharges>
    </hc:RoomStay>
</r:RoomStays>
<r:ResGuests>
    <r:ResGuest resGuestRPH="0">
        <r:Profiles>
            <Profile xmlns="http://webservices.micros.com/og/4.3/Name/">
                <ProfileIDs>
                    <c:UniqueID type="INTERNAL">1749070</c:UniqueID>
                </ProfileIDs>
                <Customer>
                    <PersonName>
                        <c:nameTitle>Mr</c:nameTitle>
                        <c:firstName>Eric1</c:firstName>
                        <c:lastName>Morgenstern</c:lastName>
                    </PersonName>
                </Customer>
                <Addresses>
                    <NameAddress otherAddressType="H">
                        <c:AddressLine>2640 Golden Gate Parkway</c:AddressLine>
                        <c:AddressLine>Suite 211</c:AddressLine>
                        <c:cityName>Naples</c:cityName>
                        <c:stateProv>FL</c:stateProv>
                        <c:countryCode>US</c:countryCode>
                        <c:postalCode>34103</c:postalCode>
                    </NameAddress>
                </Addresses>
            </Profile>
        </r:Profiles>
    </r:ResGuest>
</r:ResGuests>

```

```

        <Phones>
          <NamePhone phoneRole="PHONE">
            <c:PhoneNumber>239.430.4566</c:PhoneNumber>
          </NamePhone>
          <NamePhone phoneRole="EMAIL">
            <c:PhoneNumber>emorgenstern@micros.com</c:PhoneNumber>
          </NamePhone>
        </Phones>
        <Memberships>
          <NameMembership>
            <c:membershipType>GC</c:membershipType>
            <c:membershipNumber>66760990</c:membershipNumber>
            <c:membershipLevel>CLASSIC</c:membershipLevel>
            <c:memberName>Morgenstern Eric1</c:memberName>
          </NameMembership>
        </Memberships>
      </Profile>
    </r:Profiles>
  </r:ResGuest>
</r:ResGuests>
</HotelReservation>
</FetchBookingResponse>
</soap:Body>
</soap:Envelope>

```

HotelReservation Discussion

Rates

Typically in web booking scenario, no specific rate amount element should be provided in booking request. Full rate details will always be returned anytime a booking is retrieved from the system. In certain other circumstances, include ADS / GDS distribution and other interface, it may be desirable for the third party system to indicate at what rate the booking was sold. The following two examples demonstrate situations where only a notional daily rate is provided:

```

...
<hc:Rates>
  <hc:Rate>
    <hc:Base currencyCode="USD">125.00</hc:Base>
  </hc:Rate>
</hc:Rates>
...

```

and an instance where full rate details are provided:

```

...
<hc:Rate>
  <hc:Base currencyCode="USD">125.00</hc:Base>
  <hc:AdditionalGuestAmounts>
    <hc:AdditionalGuestAmount additionalGuestType="ADULT" otherAdditionalGuestType="1">
      <hc:Amount>10.50</hc:Amount>
    </hc:AdditionalGuestAmount>
    <hc:AdditionalGuestAmount additionalGuestType="CHILD" otherAdditionalGuestType="1">
      <hc:Amount>9.50</hc:Amount>
    </hc:AdditionalGuestAmount>
  </hc:AdditionalGuestAmounts>
  <hc:AdditionalBedAmounts>
    <hc:AdditionalBedAmount extraBedType="ADULT" quantity="1">
      <hc:Amount>8.50</hc:Amount>
    </hc:AdditionalBedAmount>
  </hc:AdditionalBedAmounts>
</hc:Rate>

```

```

    <hc:AdditionalBedAmount extraBedType="CHILD" quantity="1">
      <hc:Amount>7.50</hc:Amount>
    </hc:AdditionalBedAmount>
    <hc:AdditionalBedAmount extraBedType="CRIB" quantity="1">
      <hc:Amount>6.50</hc:Amount>
    </hc:AdditionalBedAmount>
  </hc:AdditionalBedAmounts>
</hc:Rate>
...

```

Note that simply requesting a certain rate amount may not be enough to guarantee the booking is created at that rate. Rate codes must be specifically crafted within Opera channel management to enable this feature.

Guarantee(s)

Guarantees can be represented in two distinct ways. The first, as shown in the sample booking, is to guarantee to credit card as shown:

```

...
<hc:GuaranteesAccepted>
  <hc:GuaranteeAccepted>
    <hc:GuaranteeCreditCard>
      <c:cardCode>VI</c:cardCode>
      <c:cardHolderName>WILLIAM PIGSTICKER</c:cardHolderName>
      <c:cardNumber>4012888888881881</c:cardNumber>
      <c:expirationDate>2006-01-31</c:expirationDate>
    </hc:GuaranteeCreditCard>
  </hc:GuaranteeAccepted>
</hc:GuaranteesAccepted>
...

```

Alternatively, and if configured correctly in Opera channel management, bookings may be guaranteed to a specific travel agent, as shown:

```

...
<hc:GuaranteeAccepted agentPhone="239.555.1212">
  <hc:GuaranteeTravelAgent type="EXTERNAL" source="2332232"/>
</hc:GuaranteeAccepted>
...

```

Profile(s)

Profiles can be modeled in two distinctly different fashions within the interface. In the case of typical member based systems where the Opera NameID is either known or can be fetched, it is preferable to provide only the NameID, as shown in example booking and in snippet below:

```

...
<n:Profile>
  <n:ProfileIDs>
    <c:UniqueID type="INTERNAL">4444</c:UniqueID>
  </n:ProfileIDs>
</n:Profile>
...

```

Alternatively, profile details may be provided inline, as shown below. In the case of a new booking, no attempt will be made to match this profile with any other, and a new profile will

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always be created. In the case of update bookings, the existing profile attached to the booking will be modified to incorporate the provided data.

```
<n:Profile>
  <n:Customer gender="MALE">
    <n:PersonName>
      <c:firstName>Billy</c:firstName>
      <c:lastName>Pigsticker</c:lastName>
    </n:PersonName>
  </n:Customer>
  <n:Addresses>
    <n:NameAddress>
      <c:AddressLine>4231 Oxbow Lane</c:AddressLine>
      <c:AddressLine>Suite 434</c:AddressLine>
      <c:cityName>Naples</c:cityName>
      <c:stateProv>FL</c:stateProv>
      <c:countryCode>US</c:countryCode>
      <c:postalCode>34105</c:postalCode>
    </n:NameAddress>
  </n:Addresses>
  <n:Phones>
    <n:NamePhone primary="true" phoneRole="PHONE" displaySequence="1">
      <c:phoneNumber>212-555-1212</c:phoneNumber>
    </n:NamePhone>
    <n:NamePhone primary="false" phoneRole="EMAIL" displaySequence="2">
      <c:phoneNumber>emorgenstern@micros.com</c:phoneNumber>
    </n:NamePhone>
    <n:NamePhone primary="false" phoneRole="FAX" displaySequence="3">
      <c:phoneNumber>212-555-1211</c:phoneNumber>
    </n:NamePhone>
  </n:Phones>
</n:Profile>
```

If profile details are provided inline, no details other than the guests address and phone will be saved to the guest record. Any additional details will be discarded.

In the event that both the NameID and profile details are provided in the same message, the NameID will take precedence, and name details will be ignored.

Award Redemption Booking

If the reservation is for an award redemption booking, then the MemberAwardInfo element must be included in the request. See Hotel Reservation Sample above for proper placement in message. Note: Award Redemption Bookings may NOT be modified. They must be cancelled first, then rebooked.

```
<hc:MemberAwardInfo>
  <m:awardType>AWSE5C</m:awardType>
  <m:membershipID>26748</m:membershipID>
</hc:MemberAwardInfo>
```

HotelReservation Element Definitions

HotelReservation
<pre><xs:complexType name="HotelReservation"> <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:sequence> </xs:complexType></pre>

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<pre> <xs:element name="WrittenConflnst" type="WrittenConflnst" minOccurs="0"/> <xs:element name="ReservationHistory" type="c:History" 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:attribute name="onBehalfFlag" type="xs:boolean"/> <xs:attribute name="redemReservationFlag" type="xs:boolean"/> <xs:attributeGroup ref="c:RecordAdministratorAttributes"/> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
UniqueIDList	element	UniqueIDList	optional / required	Ignored for create booking, required for modify and fetch booking.
RoomStays	element	RoomStayList	optional	Must contain a single RoomStay instance.
ResGuests	element	ResGuestList	optional	Must contain at least one guest element.
WrittenConflnst	element	WrittenConflnst	future	Reserved for future use.
ReservationHistory	element	History	optional	
reservationAction	attribute	ReservationActionType	optional	Indicates the activity for which the message is being sent. The possible values are: <ul style="list-style-type: none"> • ADD • EDIT • CANCEL • CHECKIN • CHECKOUT • NOSHOW • REINSTATE
reservationStatus	attribute	ReservationStatusType	optional	Reservation status. possible values are: <ul style="list-style-type: none"> • RESERVED • PROSPECT • NOSHOW • CANCELED • INHOUSE • CHECKEDOUT • CHANGED • WAITLISTED
marketSegment	attribute	string	optional	Market segment that is to be used for the reservation (Opera 3.6+)
sourceCode	attribute	string	optional	Source code that is to be used for the reservation (Opera 3.6+)
originCode	attribute	string	optional	Origin code
authorizer	attribute	string	optional	
compRoutingFlag	attribute	string	optional	
compRoutingAuthorizer	attribute	string	optional	

onBehalfFlag	attribute	boolean	optional	
redeemReservationFlag	attribute	boolean	optional	
RecordAdministratorAtributes	Attribute	RecordAdministratorAtributes	optional	

UniqueIDList

```
<xs:complexType name="UniqueIDList">
  <xs:sequence>
    <xs:element name="UniqueID" type="tns:UniqueID" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
UniqueID	element	UniqueID	optional	If parent element is present, at least one UniqueID must be present. List contains UniqueID representing Opera reservation ID.

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	Comment
type	attribute	UniqueIDType	required	The ID type of the reservation ID provided. In this context must be assigned a default value of INTERNAL, indicating that the ID provided must <i>always</i> be the internal Opera ID.
source	attribute	string	not used	Not used in this context.

UniqueIDType

```
<xs:simpleType name="UniqueIDType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="EXTERNAL"/>
    <xs:enumeration value="INTERNAL"/>
    <xs:enumeration value="CANCELLATIONEXTERNAL"/>
    <xs:enumeration value="CANCELLATIONINTERNAL"/>
  </xs:restriction>
</xs:simpleType>
```

RoomStayList

```
<xs:complexType name="RoomStayList">
  <xs:sequence>
    <xs:element name="RoomStay" type="RoomStay" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
RoomStay	element	RoomStay	required	Must contain at least one RoomStay element.

RoomStay

```
<xs:complexType name="RoomStay">
  <xs:sequence>
    <xs:element name="RatePlans" type="RatePlanList" minOccurs="0"/>
    <xs:element name="RoomTypes" type="RoomTypeList" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

<pre> <xs:element name="RoomRates" type="RoomRateList" minOccurs="0"/> <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="Payment" type="Payment" minOccurs="0"/> <xs:element name="CreditCardDeposit" type="CreditCardPayment" 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="Packages" type="PackageElementList" minOccurs="0"/> <xs:element name="HotelExtendedInformation" type="ExtendedHotelInfo" minOccurs="0"/> <xs:element name="DailyChargePoints" type="TimeSpanPointsList" minOccurs="0"/> <xs:element name="MemberAwardInfo" type="m:MemberAwardInfo" minOccurs="0"/> <xs:element name="ExpectedCharges" type="DailyChargeList" minOccurs="0"/> </xs:sequence> <xs:attribute name="isAlternate" type="xs:boolean"/> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
RatePlans	element	RatePlanList	optional	Collection of RatePlan elements providing basic information on each available rate code.
RoomTypes	element	RoomTypeList	optional	Collection of RoomType elements that provide basic information about each available room type.
RoomRates	element	RoomRateList	optional	Collection of price and other data elements, one per available rate room pair.
GuestCounts	element	GuestCountList		
TimeSpan	element	TimeSpan		
Guarantee	element	Guarantee		
Payment	element	Payment	not used	Not used in this context.
CreditCardDeposit	element	CreditCardPayment	Optional	Used only if the ON_LINE_CREDIT_CARD_AUTHORIZATION parameter is turned on in opera. If on, then CID and CC Billing Address is contained within.
CancelPenalties	element	CancelPenaltyList	not used	Not used in this context.
CancelTerm	element	CancelTerm		Contained In Response Messages.
HotelReference	element	HotelReference		
HotelContact	element	HotelContact	not used	Not used in this context.
Total	element	Amount		Contained In Response Messages.
ResGuestRPHs	element	ResGuestRPHList	not used	Not used in this context.
Comments	element	ReservationCommentList		
SpecialRequests	element	SpecialRequestList		
Packages	element	PackageElementList	not used	Not used in this context.
HotelExtendedInformation	element	ExtendedHotelInfo	not used	Not used in this context.
DailyChargePoints	element	TimeSpanPointsList		Contained In Response Messages.
MemberAwardInfo	element	MemberAwardInfo		Only required if redemption booking. Points

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				attribute will be in response messages.
ExpectedCharges	element	DailyChargeList		Contained In Response Messages.
isAlternate	attribute	boolean	optional	A general availability transaction will return alternate availability by including MULTIPLE RoomStay objects, each marked with this attribute set to true. This is the only case when multiple RoomStay elements are permitted in response segment.

RatePlanList

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

Name	Type	Data Type	Use	Comment
RatePlan	element	RatePlan	required	

RatePlan

```
<xs:complexType name="RatePlan">
  <xs:sequence>
    <xs:element name="RatePlanDescription" type="Paragraph" minOccurs="0"/>
    <xs:element name="Commission" type="Commission" minOccurs="0"/>
    <xs:element name="AdditionalDetails" type="AdditionalDetailList" minOccurs="0"/>
    <xs:element name="CancellationDateTime" type="CancelDateTime" minOccurs="0"/>
    <xs:element name="DepositRequired" type="DepositRequirement"/>
  </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	Comment
RatePlanDescription	element	Paragraph	optional	Text description of the rate code.
Commission	element	Commission	optional	Any commission amounts / percentages specifically tied to this rate
AdditionalDetails	element	AdditionalDetailList	optional	Collection of AdditionalDetail elements used for various policies associated with subject rate.
CancellationDateTime	element	CancelDateTime	optional	Any cancellation time or rules that may be appropriate.
DepositRequired	element	DepositRequirement	optional	Deposit Requirements
ratePlanCategory	attribute	string	required	Rate plan category code as defined in channel setup.
ratePlanCode	attribute	string	optional	Rate plan code
promotionCode	attribute	string	optional	If request is result of a query based on promotion code, the code will be echoed in this attribute.
qualifyingIdType	attribute	string	optional	If a specific negotiated rate was included in response as a result of a qualifying ID, the type of ID required / included.

qualifyingIdValue	attribute	string	not used	If a specific negotiated rate was included in the response, the actual value of the qualifying id.
effectiveDate	attribute	date	not used	Not used in this context.
expirationDate	attribute	date	optional	Not used in this context.
hold	attribute	boolean	optional	Indicates whether or not a hold is available on this rate.
mandatoryDeposit	attribute		optional	Indicates whether or not a deposit is a mandatory condition of this rate.

Paragraph

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

Name	Type	Data Type	Use	Comment
Text	element	Text	required	Array of Text elements that collectively contain the rate plan description.
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

Text

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

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

Commission

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

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

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Amount

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

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

Percentage

```
<xs:simpleType name="Percentage">
  <xs:restriction base="xs:decimal">
    <xs:minInclusive value="0.01"/>
    <xs:maxInclusive value="100.00"/>
  </xs:restriction>
</xs:simpleType>
```

AdditionalDetailList

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

Name	Type	Data Type	Use	Comment
AdditionalDetail	element	AdditionalDetail	required	If parent element exists, at least one AdditionalDetail element is required.

AdditionalDetail

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

Name	Type	Data Type	Use	Comment
AdditionalDetailDescription	element	Paragraph	optional	Paragraph providing additional detail text or value.
detailType	attribute	AdditionalDetailType	required	An enumerated value of type Additional Detail Types is required.
otherDetailType	attribute	string	optional	If the enumerated type OTHER is selected in the previous attribute, this field is required.

Paragraph

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

Name	Type	Data Type	Use	Comment
Text	element	Text	required	Array of text elements representing the

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				actual value of the comment or detail provided.
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

Text

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

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

AdditionalDetailType

```
<xs:simpleType name="AdditionalDetailType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="RateRules"/>
    <xs:enumeration value="MarketingInformation"/>
    <xs:enumeration value="DepositPolicy"/>
    <xs:enumeration value="Promotion"/>
    <xs:enumeration value="CommissionPolicy"/>
    <xs:enumeration value="GuaranteePolicy"/>
    <xs:enumeration value="Miscellaneous"/>
    <xs:enumeration value="PackageOptions"/>
    <xs:enumeration value="PenaltyPolicy"/>
    <xs:enumeration value="TASpecialRequest"/>
    <xs:enumeration value="TaxInformation"/>
    <xs:enumeration value="CancelPolicy"/>
    <xs:enumeration value="ProprietaryGDSCode"/>
    <xs:enumeration value="Other"/>
  </xs:restriction>
</xs:simpleType>
```

CancelDateTime (Root value contains cancellation date time representation)

```
<xs:complexType name="CancelDateTime">
  <xs:simpleContent>
    <xs:extension base="xs:dateTime">
      <xs:attribute name="period" type="xs:duration" use="optional"/>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
period	attribute	duration	optional	The difference between the check-in time applied to arrival date and the date and time specified in the root value of this element.

DepositRequirement

```
<xs:complexType name="DepositRequirement">
  <xs:all>
    <xs:element name="DepositAmount" type="c:Amount"/>
    <xs:element name="DueDate" type="xs:date" minOccurs="0"/>
  </xs:all>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
------	------	-----------	-----	---------

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DepositAmount	element	Amount	required	
DueDate	element	date	required	

Amount

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

Name	Type	Data Type	Use	Comment
currencyCode	attribute	string	none	If amount is populated, this field is operationally required.

RoomTypeList

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

Name	Type	Data Type	Use	Comment
RoomType	element	RoomType	required	If parent element populated, at least one RoomType element is required.

RoomType

```
<xs:complexType name="RoomType" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="RoomTypeDescription" type="Paragraph" />
  </xs:sequence>
  <xs:attribute name="roomTypeCode" type="xs:string" use="required" />
  <xs:attribute name="upgradeFromCode" type="xs:string" />
  <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:complexType>
```

Name	Type	Data Type	Use	Comment
RoomTypeDescription	element	Paragraph	optional	Paragraph containing description of subject room type.
roomTypeCode	attribute	string	required	Channel converted room type code.
upgradeFromCode	attribute	string	optional	Room type upgrade
invBlockCode	attribute	string	optional	The number of rooms available at the moment of transaction.
numberOfUnits	attribute	int	optional	For this interface instance, will always be set to a default value of "true".
isRoom	attribute	boolean	not used	Not used in this context.
effectiveDate	attribute	date	not used	Not used in this context.
expirationDate	attribute	date	optional	Paragraph containing description of subject room type.

Paragraph

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

</xs:choice> </xs:complexType>				
Name	Type	Data Type	Use	Comment
Text	element	Text	required	Text containing written description of subject room type.
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

Text

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

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

RoomRateList

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

Name	Type	Data Type	Use	Comment
RoomRate	element	RoomRate	required	If parent element is present, at least one RoomRate object is required.

RoomRate

```
<xs:complexType name="RoomRate" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="Rates" type="RateList" />
    <xs:element minOccurs="0" name="InvBlockDescription" type="Paragraph" />
    <xs:element minOccurs="0" name="Total" type="c:Amount" />
  </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	Comment
Rates	element	RateList	optional	An array of Rate objects. In the case of General Availability, only one rate element will be present. In the case of Detail Availability response, there may be more than one.
InvBlockDescription	element	Paragraph	future	Reserved for future use.
Total	element	Amount	optional	Total element containing the anticipated total amount of the stay.
roomTypeCode	attribute	string	required	The channel converted room type for subject rate room pair.
ratePlanCode	attribute	string	required	The channel converted rate code for subject rate room pair.
effectiveDate	attribute	date	not used	Not used in this context.
expirationDate	attribute	date	not used	Not used in this context.

RateList

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

Name	Type	Data Type	Use	Comment
Rate	element	Rate	required	If parent element exists, at least one Rate element must be present.

Rate

```
<xs:complexType name="Rate" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="Base" type="c:Amount" />
    <xs:element minOccurs="0" name="AdditionalGuestAmounts" type="AdditionalGuestAmountList" />
    <xs:element minOccurs="0" name="AdditionalBedAmounts" type="AdditionalBedAmountList" />
  </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	Comment
Base	element	Amount	required	The anticipated daily or base rate for the stay.
AdditionalGuestAmounts	element	AdditionalGuestAmountList	optional	Not used in general availability response. In detail availability response will be populated if additional guest amounts are attached to rate.
AdditionalBedAmounts	element	AdditionalBedAmountList	optional	Not used in general availability response. In detail availability response will be populated if additional bed amounts are attached to rate.
effectiveDate	attribute	date	optional	Not used in general availability response. In detail availability, if there are rate amount changes throughout the length of stay, these dates become operationally required.
expirationDate	attribute	date	optional	
rateOccurrence	attribute	RateOccurrenceType	optional	For this interface instance will always be set to "Daily".
otherRateOccurrence	attribute	string	not used	Not used in this context.
rateChangeIndicator	attribute	boolean	optional	If there is a change in rate amount at any point throughout the duration of the stay, this flag must be set.

Amount

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<pre><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></pre>				
Name	Type	Data Type	Use	Comment
currencyCode	attribute	string	none	If the root element value is populated, then this value becomes operationally required.

AdditionalGuestAmountList <pre><xs:complexType name="AdditionalGuestAmountList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element maxOccurs="unbounded" name="AdditionalGuestAmount" type="AdditionalGuestAmount" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
AdditionalGuestAmount	element	AdditionalGuestAmount	required	List of AdditionalGuest-Amount elements.

AdditionalGuestAmount <pre><xs:complexType name="AdditionalGuestAmount" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" name="Amount" type="c:Amount" /> </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></pre>				
Name	Type	Data Type	Use	Comment
Amount	element	Amount	optional	The chargeable amount per extra guest of this type.
additionalGuestType	attribute	AgeQualifyingCode	required	Enumerated age qualifying code.
otherAdditionalGuestType	attribute	string	none	If 'OTHER' is selected as value for previous attribute, then this field become operationally required.
quantity	attribute	int	not used	Not used in this context.

Amount <pre><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></pre>				
Name	Type	Data Type	Use	Comment
currencyCode	attribute	string	none	The currency coded associated with value in root.

AgeQualifyingCode <pre><xs:simpleType name="AgeQualifyingCode"> <xs:restriction base="xs:string"> <xs:enumeration value="ADULT"/> <xs:enumeration value="CHILD"/> <xs:enumeration value="OTHER"/> </xs:restriction></pre>				
--	--	--	--	--

</xs:simpleType>

AdditionalBedAmountList

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

Name	Type	Data Type	Use	Comment
AdditionalBedAmount	element	AdditionalBedAmount	required	List of AdditionalBed-Amount elements.

AdditionalBedAmount

```
<xs:complexType name="AdditionalBedAmount" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="Amount" type="c:Amount" />
  </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	Comment
Amount	element	Amount	optional	The chargeable amount per extra bed of this type.
extraBedType	attribute	AdditionalBedType	required	Enumerated additional bed type value.
otherExtraBedType	attribute	string	none	If 'OTHER' is selected as value for previous attribute, then this field become operationally required.
quantity	attribute	int	none	Not used in this context.

Amount

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

Name	Type	Data Type	Use	Comment
currencyCode	attribute	string	none	If the root amount value is populated, then this value is operationally required.

AdditionalBedType

```
<xs:simpleType name="AdditionalBedType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="ADULT"/>
    <xs:enumeration value="CHILD"/>
    <xs:enumeration value="CRIB"/>
    <xs:enumeration value="OTHER"/>
  </xs:restriction>
</xs:simpleType>
```

RateOccurrenceType

```
<xs:simpleType name="RateOccurrenceType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="DAILY"/>
    <xs:enumeration value="WEEKLY"/>
  </xs:restriction>
</xs:simpleType>
```

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```
<xs:enumeration value="OTHER"/>
</xs:restriction>
</xs:simpleType>
```

Paragraph

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

Name	Type	Data Type	Use	Comment
Text	element	Text	required	The text description of the allotment if reservation is part of a block and description is provided.
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

Text

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

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

Total (Amount) (Anticipated total amount of stay)

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

Name	Type	Data Type	Use	Comment
currencyCode	attribute	string	none	If the root amount value is populated, then this value is operationally required.

GuestCountList

```
<xs:complexType name="GuestCountList">
  <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	Comment
GuestCount	element	GuestCount	required	Collection of GuestCount elements. If parent element is not present, a value of one adult and no children will be assumed. If parent element is present, at least one properly formed GuestCount element is required.
isPerRoom	attribute	boolean	optional	For purposes of this interface, this value

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				should be assumed to have a value of or populated as "true".
--	--	--	--	--

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	Comment
ageQualifyingCode	attribute	AgeQualifyingCode	optional	Enumerated value specifying the age(s) of guests.
otherAgeQualifyingCode	attribute	string	optional	If previous attribute value is set to 'OTHER', then this field becomes operationally required.
age	attribute	int	reserved	Reserved for future use.
count	attribute	int	optional	The number of guests in this age bracket or a this age.

AgeQualifyingCode

```
<xs:simpleType name="AgeQualifyingCode">
  <xs:restriction base="xs:string">
    <xs:enumeration value="ADULT"/>
    <xs:enumeration value="CHILD"/>
    <xs:enumeration value="OTHER"/>
  </xs:restriction>
</xs:simpleType>
```

TimeSpan

```
<xs:complexType name="TimeSpan" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="StartDate" type="xs:dateTime" />
    <xs:choice>
      <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	Comment
StartDate	element	dateTime	required	The arrival date of the subject RoomStay.
EndDate	element	dateTime	required	The departure date of the subject RoomStay.
Duration	element	duration	not used	Reserved for future use.

Guarantee

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

Name	Type	Data Type	Use	Comment
GuaranteesAccepted	element	GuaranteesAccepted	optional	If this booking is / is to be guaranteed against either credit card or travel agent, the

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				appropriate details shall be stored here.
Deadline	element	dateTime	not used	Reserved for future use.
GuaranteeDescription	element	Paragraph	optional	Any written description of the guarantee.
guaranteeType	attribute	string	optional	The type code of the guarantee.
mandatoryDeposit	attribute	boolean	optional	If a deposit is mandatory in order to secure subject RoomStay, then this flag attribute value shall be set to "true".

GuaranteesAccepted

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

Name	Type	Data Type	Use	Comment
GuaranteeAccepted	element	GuaranteeAccepted	required	If parent element populated, then at least one GuaranteeAccepted segment is required.

GuaranteeAccepted

```
<xs:complexType name="GuaranteeAccepted">
  <xs:sequence>
    <xs:element name="GuaranteeCreditCard" type="c:CreditCard" minOccurs="0"/>
    <xs:element name="GuaranteeTravelAgent" type="c:UniqueID" minOccurs="0"/>
    <xs:element name="GuaranteeCompany" type="c:UniqueID" minOccurs="0"/>
  </xs:sequence>
  <xs:attribute name="agentPhone" type="xs:string"/>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
GuaranteeCreditCard	element	CreditCard	optional	If booking is / is to be guaranteed to credit card, then credit card details shall be provided in this element.
GuaranteeTravelAgent	element	UniqueID	optional	If booking in on behalf / guaranteed to travel agent, the agents IATA or other identification code shall be provided in this element.
GuaranteeCompany	Element	UniqueID	optional	If booking in guaranteed to company, the company Corp ID shall be provided in this element.
agentPhone	attribute	String	optional	If booking is on behalf / guaranteed to travel agent, the travel agent phone is operationally required.

CreditCard

```
<xs:complexType name="CreditCard">
  <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>
```

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</xs:complexType>				
Name	Type	Data Type	Use	Comment
cardCode	element	string	required	Credit card vendor code (i.e. VA, AX, etc.)
cardHolderName	element	string	required	Name on face of card
cardNumber	element	string	required	Card number on face of card.
seriesCode	element	string	optional	Credit card series code.
effectiveDate	element	date	ignored	Not used in this context.
expirationDate	element	date	required	Expiration date of card.
cardType	attribute	string	required	The type of payment card (i.e. Credit, Debit, Voucher, etc.)
otherCardType	attribute	string	ignored	Not used in this context.

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	Comment
Type	attribute	UniqueIDType	required	In this context, the travel agent id could be either INTERNAL (the internal name ID of travel agent) or EXTERNAL, with certifying body list as source attribute value.
Source	attribute	string	optional	If type attribute value is set to EXTERNAL, this value becomes operationally required. Value would consist of short name or code of issuing authority for travel agent id provided (i.e. IATA number).

UniqueIDType

```
<xs:simpleType name="UniqueIDType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="EXTERNAL"/>
    <xs:enumeration value="INTERNAL"/>
    <xs:enumeration value="CANCELLATIONEXTERNAL"/>
    <xs:enumeration value="CANCELLATIONINTERNAL"/>
  </xs:restriction>
</xs:simpleType>
```

Paragraph

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

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

Text

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

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<pre> <xs:extension base="xs:normalizedString"> <xs:attribute name="formatted" type="xs:boolean" use="optional" /> <xs:attribute name="language" type="xs:language" use="optional" /> </xs:extension> </xs:simpleContent> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
formatted	attribute	boolean	not used	Not used in this context.
language	attribute	language	not used	Not used in this context.

Payment

<pre> <xs:complexType name="Payment" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" name="PaymentAccepted" type="PaymentsAccepted" /> <xs:element minOccurs="0" name="PaymentUsed" type="PaymentUsed" /> </xs:sequence> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
PaymentAccepted	element	PaymentsAccepted	optional	These are the various payment methods a hotel may accept when making a reservation.
PaymentUsed	element	PaymentUsed	optional	This is the payment method used when making a reservation.

PaymentsAccepted

<pre> <xs:complexType name="PaymentsAccepted"> <xs:sequence> <xs:element name="PaymentType" type="PaymentType" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
PaymentType	element	PaymentType	optional	These are the various payment methods a hotel may accept when making a reservation.

PaymentType

<pre> <xs:complexType name="PaymentType"> <xs:sequence> <xs:choice> <xs:element name="PaymentCard" type="c:CreditCard" minOccurs="0"/> <xs:element name="PaymentVoucher" type="Voucher" minOccurs="0"/> <xs:element name="OtherPayment" type="OtherPaymentType" minOccurs="0"/> </xs:choice> </xs:sequence> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
PaymentCard	element	CreditCard	optional	
PaymentVoucher	element	Voucher	optional	
OtherPayment	element	OtherPaymentType	optional	

CreditCard

<pre> <xs:complexType name="CreditCard"> <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:complexType> </pre>				
---	--	--	--	--

<code><xs:attribute name="cardType" type="xs:string"/></code> <code><xs:attribute name="otherCardType" type="xs:string"/></code> <code></xs:complexType></code>				
Name	Type	Data Type	Use	Comment
cardCode	element	string	required	
cardHolderName	element	string	required	
cardNumber	element	string	required	
seriesCode	element	string	optional	
effectiveDate	element	date	optional	
expirationDate	element	date	required	
cardType	attribute	string	optional	
otherCardType	attribute	string	optional	

Voucher <code><xs:complexType name="Voucher"></code> <code><xs:attribute name="voucherNumber" type="xs:string" use="optional"/></code> <code><xs:attribute name="voucherIssuedBy" type="xs:string" use="optional"/></code> <code><xs:attribute name="voucherValidDate" type="xs:dateTime" use="optional"/></code> <code></xs:complexType></code>				
Name	Type	Data Type	Use	Comment
voucherNumber	attribute	string	optional	
voucherIssuedBy	attribute	string	optional	
voucherValidDate	attribute	dateTime	optional	

OtherPaymentType <code><xs:complexType name="OtherPaymentType" xmlns:xs="http://www.w3.org/2001/XMLSchema"></code> <code><xs:attribute name="type" type="xs:string" use="optional"/></code> <code><xs:attribute name="value" type="xs:string" use="required"/></code> <code><xs:attribute name="source" type="xs:string" use="optional"/></code> <code></xs:complexType></code>				
Name	Type	Data Type	Use	Comment
type	attribute	string	optional	
value	attribute	string	required	
source	attribute	string	optional	

CreditCardPayment <code><xs:complexType name="CreditCardPayment"></code> <code><xs:complexContent></code> <code><xs:extension base="c:CreditCard"></code> <code><xs:sequence></code> <code><xs:element name="CIDNumber" type="xs:string" minOccurs="0"/></code> <code><xs:element name="Address" type="c:Address" minOccurs="0"/></code> <code><xs:element name="IssueNumber" type="xs:string" minOccurs="0"/></code> <code><xs:element name="ApprovalCode" type="xs:string" minOccurs="0"/></code> <code><xs:element name="DepositAmount" type="c:Amount" minOccurs="0"/></code> <code></xs:sequence></code> <code></xs:extension></code> <code></xs:complexContent></code> <code></xs:complexType></code>				
Extends	CreditCard			
Name	Type	Data Type	Use	Comment
CIDNumber	element	string	required	CID Number of Credit Card
Address	element	Address	required	Collection of Billing Address
IssueNumber	element	string	not used	Not used in this context
ApprovalCode	element	string	not used	Not used in this context
DepositAmount	element	Amount	not used	Not used in this context

CreditCard

```
<xs:complexType name="CreditCard">
  <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	Comment
cardCode	element	string	required	Code of Credit Card
cardHolderName	element	string	required	Name of Card Holder
cardNumber	element	string	required	Credit Card Number
seriesCode	element	string	optional	Series code of Credit Card
effectiveDate	element	string	optional	Effective date of the Credit Card
expirationDate	element	string	required	Expiration date of the Credit Card
cardType	attribute	string	required	Type of Credit Card
otherCardType	attribute	string	optional	

Address

```
<xs:complexType name="Address">
  <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	Comment
AddressLine	element	string	required	Street Address. May have upto 5 AddressLines
cityName	element	string	required	City
stateProv	element	string	required	State Code
countryCode	element	string	required	Country Code
postalCode	element	string	required	Postal Code
addressType	attribute	string	required	Type of Address such as HOME, BUSINESS, etc.
otherAddressType	attribute	string	optional	

Amount

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

Name	Type	Data Type	Use	Comment
currencyCode	attribute	string	required	Currency Code such as USD, CAD, etc.

CancelPenaltyList

```
<xs:complexType name="CancelPenaltyList">
  <xs:sequence>
    <xs:element name="CancelPenalty" type="CancelPenalty" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
CancelPenalty	element	CancelPenalty	required	Collection of Cancel Penalty elements. If parent element is present, at least one CancelPenalty element must be included.

CancelPenalty

```
<xs:complexType name="CancelPenalty">
  <xs:sequence>
    <xs:element name="Deadline" type="xs:dateTime" minOccurs="0"/>
    <xs:element name="PenaltyDescription" type="Paragraph" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Deadline	element	dateTime	optional	Date / Time representation of any cancellation date / cancellation time / late arrival time associated with cancellation penalty.
PenaltyDescription	element	Paragraph	optional	Paragraph type text description of penalty.

Paragraph

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

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

Text

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

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

CancelTerm (Used to indicate that a booking has been previously cancelled. One way from Opera to recipient only).

```
<xs:complexType name="CancelTerm">
  <xs:sequence>
    <xs:element name="CancelReason" type="Paragraph" minOccurs="0"/>
  </xs:sequence>
  <xs:attribute name="cancelType" type="CancelTermType" use="required"/>
</xs:complexType>
```

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<code><xs:attribute name="otherCancelType" type="xs:string"/></code> <code><xs:attribute name="cancelReasonCode" type="xs:string"/></code> <code><xs:attribute name="cancelNumber" type="xs:string"/></code> <code><xs:attribute name="cancelDate" type="xs:date"/></code> <code><xs:attribute name="cancelBy" type="xs:string"/></code> <code></xs:complexType></code>				
Name	Type	Data Type	Use	Comment
CancelReason	element	Paragraph	optional	Full text of cancellation reason.
cancelType	attribute	CancelTermType	required	The type of cancellation (enumerated value)
otherCancelType	attribute	string	optional	If the 'OTHER' enumerated value is selected in previous attribute, then this attribute becomes operationally required.
cancelReasonCode	attribute	string	optional	If there is a code associated with cancellation reason, that code shall be populated in this attribute.
cancelNumber	attribute	string	optional	The cancellation number of the subject booking.
cancelDate	attribute	date	optional	The date the booking was cancelled.
cancelBy	attribute	string	optional	The username / id of the operator that cancelled the booking.

Paragraph <code><xs:complexType name="Paragraph" xmlns:xs="http://www.w3.org/2001/XMLSchema"></code> <code><xs:choice maxOccurs="99"></code> <code><xs:element name="Text" type="c:Text" /></code> <code><xs:element name="Image" type="xs:string" /></code> <code><xs:element name="URL" type="xs:anyURI" /></code> <code></xs:choice></code> <code></xs:complexType></code>				
Name	Type	Data Type	Use	Comment
Text	element	Text	required	The text description of why cancellation was executed.
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

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

CancelTermType <code><xs:simpleType name="CancelTermType"></code> <code><xs:restriction base="xs:string"></code> <code><xs:enumeration value="Cancel"/></code> <code><xs:enumeration value="NoShow"/></code> <code><xs:enumeration value="Other"/></code> <code></xs:restriction></code> <code></xs:simpleType></code>				
--	--	--	--	--

HotelReference

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

Name	Type	Data Type	Use	Comment
chainCode	attribute	string	optional	Channel converted chain code for alternate resort or property.
hotelCode	attribute	string	required	Channel converted hotel / property code for alternate resort or property.

HotelContact

```
<xs:complexType name="HotelContact" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="Addresses" type="AddressList" />
    <xs:element minOccurs="0" name="ContactEmails" type="ContactEmailList" />
    <xs:element minOccurs="0" name="ContactPhones" type="PhoneList" />
    <xs:element minOccurs="0" name="HotelInformation" type="HotelInfoList" />
    <xs:element minOccurs="0" name="URIs" type="URIList" />
    <xs:element minOccurs="0" name="Vector" type="Vector" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Addresses	element	AddressList	optional	The street address(es) of the alternate resort.
ContactEmails	element	ContactEmailList	optional	Property contact email. Not returned for alternate resort.
ContactPhones	element	PhoneList	optional	Property contact phone. Not returned for alternate resort.
HotelInformation	element	HotelInfoList	optional	Additional hotel information. In this context will include only check-in and check-out times. Not returned for alternate resort.
URIs	element	URIList	not used	Not used in this context
Vector	element	Vector	optional	If alternate resort, the distance and direction from queried property to alternate.

AddressList

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

Name	Type	Data Type	Use	Comment
Address	element	Address	required	If parent element is present, at least on Address must be present.

Address

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

```

<xs:element minOccurs="0" name="stateProv" type="xs:string" />
<xs:element minOccurs="0" name="countryCode" type="xs:string" />
<xs:element minOccurs="0" name="postalCode" type="xs:string" />
</xs:sequence>
<xs:attribute name="addressType" type="xs:string" />
<xs:attribute name="otherAddressType" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comment
AddressLine	element	string	optional	Up to 5 lines of street address.
cityName	element	string	optional	
stateProv	element	string	optional	
countryCode	element	string	optional	
postalCode	element	string	optional	
addressType	attribute	string	not used	Not used in this context
otherAddressType	attribute	string	not used	Not used in this context

ContactEmailList

```

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

```

Name	Type	Data Type	Use	Comment
ContactEmail	element	Email	required	Collection of Email addresses (string values)

Email

```

<xs:complexType name="Email" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleContent>
    <xs:extension base="xs:string" />
  </xs:simpleContent>
</xs:complexType>

```

PhoneList

```

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

```

Name	Type	Data Type	Use	Comment
Phone	element	Phone	optional	Collection of Phone types.

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	Comment
PhoneNumber	element	string	required	String representation of phone number

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				including all required country and area code prefixes.
PhoneData	element	PhoneData	ignored	No used in this context.
phoneType	attribute	string	required	The type of phone device.
phoneRole	attribute	string	required	The role of the number provided, as in HOME, or BUSINESS.

HotelInfoList

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

Name	Type	Data Type	Use	Comment
HotelInfo	element	HotelInfo	required	If parent element is present, at least one HotelInfo element must also be present.

HotelInfo

```
<xs:complexType name="HotelInfo" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexContent mixed="false">
    <xs:extension base="c:DescriptiveText">
      <xs:attribute name="hotelInfoType" type="HotelInfoType" use="required" />
      <xs:attribute name="otherHotelInfoType" type="xs:string" use="optional" />
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Extends	DescriptiveText			
Name	Type	Data Type	Use	Comment
hotelInfoType	attribute	HotelInfoType	required	In this context, only two options will be checkin and checkout info.
otherHotelInfoType	attribute	string	not used	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	Comment
Text	element	TextList	required	Text list object containing check-in or check-out info.
Image	element	string	not used	Not used in this context.
Url	element	anyURI	not used	Not used in this context.

TextList

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

Name	Type	Data Type	Use	Comment
TextElement	element	Text	required	Text element containing check-in or check-out info. If parent element is present, at least one TextElement must be present as well.

Text – In this context, contains text value representing either check-in or check-out time information.

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

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

HotelInfoType

```
<xs:simpleType name="HotelInfoType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="DIRECTIONS"/>
    <xs:enumeration value="CHECKININFO"/>
    <xs:enumeration value="CHECKOUTINFO"/>
    <xs:enumeration value="OTHER"/>
  </xs:restriction>
</xs:simpleType>
```

Vector (This element will present and populated *only if parent RoomStay is marked as an alternate resort*)

```
<xs:complexType name="Vector" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:annotation>
    <xs:documentation>Measure of distance, direction and scale from one location to
another.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element minOccurs="0" name="Direction" type="VectorDirection" />
    <xs:element minOccurs="0" name="Distance" type="VectorDistance" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Direction	element	VectorDirection	optional	Points <i>to alternate from</i> originally queried property.
Distance	element	VectorDistance	optional	Distance <i>to alternate from</i> originally queried property.

VectorDirection (This element will present and populated *only if parent RoomStay is marked as an alternate resort*)

```
<xs:complexType name="VectorDirection" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:attribute name="vectorDirection" type="VectorDirectionType" use="required" />
  <xs:attribute name="otherVectorDirection" type="xs:string" use="optional" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
vectorDirection	attribute	VectorDirectionType	required	One of the enumerated VectorDirection values.
otherVectorDirection	attribute	string	optional	If enumerated value selected is OTHER, then this attribute becomes required.

VectorDirectionType

```
<xs:simpleType name="VectorDirectionType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="North"/>
  </xs:restriction>
</xs:simpleType>
```

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```

        <xs:enumeration value="NorthEast"/>
        <xs:enumeration value="East"/>
        <xs:enumeration value="SouthEast"/>
        <xs:enumeration value="South"/>
        <xs:enumeration value="SouthWest"/>
        <xs:enumeration value="West"/>
        <xs:enumeration value="NorthWest"/>
        <xs:enumeration value="Other"/>
    </xs:restriction>
</xs:simpleType>

```

VectorDistance (This element will present and populated *only if parent RoomStay is marked as an alternate resort*)

```

<xs:complexType name="VectorDistance" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleContent>
    <xs:extension base="xs:double">
      <xs:attribute name="distanceUnit" type="DistanceUnitType" use="required" />
      <xs:attribute name="otherDistanceUnit" type="xs:string" use="optional" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comment
distanceUnit	attribute	DistanceUnitType	required	One of the enumerated DistanceUnit values.
otherDistanceUnit	attribute	string	optional	If enumerated value selected is OTHER, then this attribute becomes required.

DistanceUnitType

```

<xs:simpleType name="DistanceUnitType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Km"/>
    <xs:enumeration value="Mi"/>
    <xs:enumeration value="Other"/>
  </xs:restriction>
</xs:simpleType>

```

Amount (Total) (Estimated or actual total amount of stay)

```

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

```

Name	Type	Data Type	Use	Comment
currencyCode	attribute	string	optional	ISO currency code of amount represented in root node.

ResGuestRPHList

```

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

```

Name	Type	Data Type	Use	Comment
ResGuestRPH	element	ResGuestRPH	required	Collection of ResGuestRPH elements. At least one must be present to form a valid booking.

ResGuestRPH				
<pre><xs:complexType name="ResGuestRPH"> <xs:attribute name="RPH" type="xs:int" use="required"/> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
RPH	attribute	int	required	Integer value used to represent the relative position of the ResGuest record within the overall bookings ResGuests element.

ReservationCommentList				
<pre><xs:complexType name="ReservationCommentList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element maxOccurs="unbounded" name="Comment" type="ReservationComment" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Comment	element	ReservationComment	required	Collection of Reservation Comment elements. If parent element is present, at least one ReservationComment element is required.

ReservationComment				
<pre><xs:complexType name="ReservationComment" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:complexContent mixed="false"> <xs:extension base="Paragraph"> <xs:attribute name="commentOriginatorCode" type="xs:string" /> <xs:attribute name="guestViewable" type="xs:boolean" /> </xs:extension> </xs:complexContent> </xs:complexType></pre>				
Extends		Paragraph		
Name	Type	Data Type	Use	Comment
commentOriginatorCode	attribute	string	optional	The system or user id that originally created the comment.
guestViewable	attribute	boolean	optional	If populated indicates whether or not this comment will be displayed to a user query. If not present, the default is assumed to be TRUE, or that guests may view the comment.

Paragraph				
<pre><xs:complexType name="Paragraph" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice maxOccurs="99"> <xs:element name="Text" type="c:Text" /> <xs:element name="Image" type="xs:string" /> <xs:element name="URL" type="xs:anyURI" /> </xs:choice> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Text	element	Text	required	Text elements containing the body of the comment.
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

Text				
<pre><xs:complexType name="Text" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:normalizedString"></pre>				

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<pre> <xs:attribute name="formatted" type="xs:boolean" use="optional" /> <xs:attribute name="language" type="xs:language" use="optional" /> </xs:extension> </xs:simpleContent> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
formatted	attribute	boolean	not used	Not used in this context.
language	attribute	language	not used	Not used in this context.

SpecialRequestList

<pre> <xs:complexType name="SpecialRequestList"> <xs:sequence> <xs:element name="SpecialRequest" type="SpecialRequest" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
SpecialRequest	element	SpecialRequest	required	Collection of SpecialRequest elements. If parent element is present, at least one SpecialRequest element is required.

SpecialRequest

<pre> <xs:complexType name="SpecialRequest" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:complexContent mixed="false"> <xs:extension base="Paragraph"> <xs:attribute name="requestCode" type="xs:string" /> </xs:extension> </xs:complexContent> </xs:complexType> </pre>				
Extends		Paragraph		
Name	Type	Data Type	Use	Comment
requestCode	attribute	string	optional	The special request code, if known at time of booking.

Paragraph

<pre> <xs:complexType name="Paragraph" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:choice maxOccurs="99"> <xs:element name="Text" type="c:Text" /> <xs:element name="Image" type="xs:string" /> <xs:element name="URL" type="xs:anyURI" /> </xs:choice> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
Text	element	Text	required	Collection of Text representing the body of the Special Request.
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

Text

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

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PackageElementList

```
<xs:complexType name="PackageElementList">
  <xs:sequence>
    <xs:element name="Package" type="PackageElement" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Package	element	PackageElement	optional	

PackageElement

```
<xs:complexType name="PackageElement">
  <xs:sequence>
    <xs:element name="Amount" type="c:Amount"/>
    <xs:element name="Description" type="c:DescriptiveText" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="packageCode" type="xs:string" use="required"/>
  <xs:attribute name="calculationRule" type="xs:string" use="optional"/>
  <xs:attribute name="postingRhythm" type="xs:string" use="optional"/>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Amount	element	Amount	optional	
Description	element	DescriptiveText	optional	
packageCode	attribute	string	optional	
calculationRule	attribute	string	optional	
postingRhythm	attribute	string	optional	

Amount

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

Extends	double			
Name	Type	Data Type	Use	Comment
currencyCode	attribute	string	Required	

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	Comment
Text	element	TextList	required	Text list object containing check-in or check-out info.
Image	element	string	not used	Not used in this context.
Url	element	anyURI	not used	Not used in this context.

TextList

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

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Name	Type	Data Type	Use	Comment
TextElement	element	Text	required	Text element containing check-in or check-out info. If parent element is present, at least one TextElement must be present as well.

Text

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

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

TimeSpanPointsList

```
<xs:complexType name="TimeSpanPointsList">
  <xs:sequence>
    <xs:element name="Points" type="TimeSpanPoints" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Points	element	TimeSpanPoints	required	

TimeSpanPoints

```
<xs:complexType name="TimeSpanPoints">
  <xs:all>
    <xs:element name="Dates" type="TimeSpan"/>
    <xs:element name="Points" type="xs:int"/>
  </xs:all>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Dates	element	TimeSpan	required	
Points	element	int	required	

TimeSpan

```
<xs:complexType name="TimeSpan">
  <xs:sequence>
    <xs:element name="StartDate" type="xs:dateTime"/>
    <xs:choice>
      <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	Comment
StartDate	element	dateTime	required	
EndDate	element	dateTime	required	
Duration	element	duration	not used	

MemberAwardInfo

```
<xs:complexType name="MemberAwardInfo">
  <xs:all>
    <xs:element name="awardType" type="xs:string"/>
  </xs:all>
</xs:complexType>
```

<pre> <xs:element name="membershipID" type="xs:long"/> <xs:element name="pointsUsedForReservation" type="xs:double"/> </xs:all> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
awardType	element	string	required	AwardType that was given in the FetchRateAwards call
membershipID	element	long	required	This is the operaID received during a FetchMembership call
pointsusedForReservation	element	double	optional	Points used for the booking, returned in booking responses.

DailyChargeList <pre> <xs:complexType name="DailyChargeList"> <xs:sequence> <xs:element name="ChargesForPostingDate" type="ChargesForTheDay" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute name="TotalRoomRateAndPackages" type="xs:double"/> <xs:attribute name="TotalTaxesAndFees" type="xs:double"/> <xs:attribute name="TaxInclusive" type="xs:boolean"/> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
ChargesForPostingDate	element	ChargesForTheDay	required	
TotalRoomRateAndPackages	attribute	double	required	
TotalTaxesAndFees	attribute	double	required	
TaxInclusive	attribute	boolean	required	

ChargesForTheDay <pre> <xs:complexType name="ChargesForTheDay"> <xs:sequence> <xs:element name="RoomRateAndPackages" type="ChargeList"/> <xs:element name="TaxesAndFees" type="ChargeList"/> </xs:sequence> <xs:attribute name="PostingDate" type="xs:date"/> <xs:attribute name="TotalCharges" type="xs:double"/> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
RoomRateAndPackages	element	ChargeList	required	
TaxesAndFees	element	ChargeList	required	
PostingDate	attribute	date	required	
TotalCharges	attribute	double	required	

ChargeList <pre> <xs:complexType name="ChargeList"> <xs:sequence> <xs:element name="Charges" type="Charge" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute name="TotalCharges" type="xs:double" use="required"/> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
Charges	element	Charge	required	
TotalCharges	attribute	double	required	

Charge <pre> <xs:complexType name="Charge"> <xs:all> <xs:element name="Description" type="xs:string"/> <xs:element name="Amount" type="c:Amount"/> </xs:all> </xs:complexType> </pre>				
---	--	--	--	--

</xs:all> </xs:complexType>				
Name	Type	Data Type	Use	Comment
Description	element	string	required	
Amount	element	Amount	required	

Amount				
<xs:complexType name="Amount" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:simpleContent> <xs:extension base="xs:double"> <xs:attribute name="currencyCode" type="xs:string" /> </xs:extension> </xs:simpleContent> </xs:complexType>				
Name	Type	Data Type	Use	Comment
currencyCode	attribute	string	optional	The currency code of the value specified in the root amount.

ResGuestList				
<xs:complexType name="ResGuestList"> <xs:sequence> <xs:element name="ResGuest" type="ResGuest" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType>				
Name	Type	Data Type	Use	Comment
ResGuest	element	ResGuest	required	Collection of ResGuest elements. At least one must be present to create a valid booking.

ResGuest				
<xs:complexType name="ResGuest" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" name="Profiles" type="n:ProfileList" /> <xs:element minOccurs="0" name="SpecialRequests" type="hc:SpecialRequestList" /> <xs:element minOccurs="0" name="Comments" type="hc:ReservationCommentList" /> <xs:element minOccurs="0" name="ArrivalTransport" type="hc:TransportInfo" /> <xs:element minOccurs="0" name="DepartureTransport" type="hc:TransportInfo" /> <xs:element minOccurs="0" name="GuestCounts" type="hc:GuestCountList" /> <xs:element minOccurs="0" name="InHouseTimeSpan" type="hc:TimeSpan" /> </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	Comment
Profiles	element	ProfileList	optional	
SpecialRequests	element	SpecialRequestList	not used	Not used in this interface product.
Comments	element	ReservationCommentList	not used	Not used in this interface product.
ArrivalTransport	element	TransportInfo	optional	
DepartureTransport	element	TransportInfo	optional	
GuestCounts	element	GuestCountList	not used	Not used in this interface product.
InHouseTimeSpan	element	TimeSpan	not used	Not used in this interface product.

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resGuestRPH	attribute	int	required	Integer value representing this bookings relative position within parent element list.
ageQualifyingCode	attribute	AgeQualifyingCode	not used	Not used in this interface product.
otherAgeQualifyingCode	attribute	string	not used	If previous attribute enumerated value 'OTHER' selected, then this field becomes operationally required.
arrivalTime	attribute	time	not used	Not used in this interface product.
departureTime	attribute	time	not used	Not used in this interface product.

ProfileList				
<pre><xs:complexType name="ProfileList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" maxOccurs="unbounded" name="Profile" type="tns:Profile" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Profile	element	Profile	optional	Collection of Profile elements. See special Profile section for additional details.

TransportInfo				
<pre><xs:complexType name="TransportInfo" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:attribute name="type" type="xs:string" /> <xs:attribute name="id" type="xs:string" /> <xs:attribute name="carrierCode" type="xs:string" /> <xs:attribute name="locationCode" type="xs:string" /> <xs:attribute name="time" type="xs:dateTime" /> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
type	attribute	string	optional	Free text transportation type code.
id	attribute	string	optional	The id associated with transport, flight number for example.
carrierCode	attribute	string	optional	The carrier code providing transport.
locationCode	attribute	string	optional	The location code to which carrier provides services and to which guest is arriving.
time	attribute	dateTime	optional	The date and time of the guests arrival at transport location.

WrittenConfInst				
<pre><xs:complexType name="WrittenConfInst" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" name="Email" type="xs:string" /> </xs:sequence> <xs:attribute name="languageId" type="xs:string" /> <xs:attribute name="addresseeName" type="xs:string" /> <xs:attribute name="address" type="xs:string" /> <xs:attribute name="telephone" type="xs:string" /> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Email	element	string	optional	If populated, will cause confirmation letter to be sent to this email address.

languageId	attribute	string	optional	If available, confirmation letter will be sent in the language specified in this attribute.
addresseeName	attribute	string	optional	If these two attribute fields are populated, will cause written confirmation to be mailed to the post address provided.
address	attribute	string	optional	
telephone	attribute	string	optional	If populated, will cause confirmation letter to be faxed to this telephone.

History

```
<xs:complexType name="History">
  <xs:attributeGroup ref="tns:RecordAdministratorAttributes"/>
  <xs:attribute name="transactions" type="xs:int" use="optional"/>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
RecordAdministratorAttributes	attribute	RecordAdministratorAttributes	optional	
transacations	attribute	int	optional	

RecordAdministratorAttributes

```
<xs:attributeGroup name="RecordAdministratorAttributes">
  <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	Comment
insertUser	attribute	string	optional	
insertDate	attribute	dateTime	optional	
updateUser	attribute	string	optional	
updateDate	attribute	dateTime	optional	
inactiveDate	attribute	date	optional	

ReservationActionType

```
<xs:simpleType name="ReservationActionType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="ADD"/>
    <xs:enumeration value="EDIT"/>
    <xs:enumeration value="CANCEL"/>
    <xs:enumeration value="CHECKIN"/>
    <xs:enumeration value="CHECKOUT"/>
    <xs:enumeration value="NOSHOW"/>
    <xs:enumeration value="REINSTATE"/>
  </xs:restriction>
</xs:simpleType>
```

ReservationActionType

```
<xs:simpleType name="ReservationStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="RESERVED"/>
    <xs:enumeration value="PROSPECT"/>
    <xs:enumeration value="NOSHOW"/>
    <xs:enumeration value="CANCELED"/>
    <xs:enumeration value="INHOUSE"/>
    <xs:enumeration value="CHECKEDOUT"/>
    <xs:enumeration value="CHANGED"/>
    <xs:enumeration value="WAITLISTED"/>
  </xs:restriction>
</xs:simpleType>
```

CreateBooking

CreateBookingRequest

```
<?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="000039" timeStamp="2004-01-13T15:25:01.4625000-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="ETC" systemType="WBE"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <CreateBookingRequest xmlns:r="http://webservices.micros.com/og/4.3/Reservation/"
      xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
      xmlns:c="http://webservices.micros.com/og/4.3/Common/"
      xmlns="http://webservices.micros.com/ows/51/Reservation.wsdl">
      <HotelReservation>
        ...
        Reservation Body Here
        (see prior HotelReservation section)
        ...
      </HotelReservation>
    </CreateBookingRequest>
  </soap:Body>
</soap:Envelope>
```

CreateBookingRequest

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

Name	Type	Data Type	Use	Comment
HotelReservation	element	HotelReservation	required	Single HotelReservation. See HotelReservation element definition and samples for details.

CreateBookingResponse

```
<?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="000038" timeStamp="2004-01-13T15:24:59.8843750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="ETC" systemType="WBE"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <CreateBookingResponse xmlns:r="http://webservices.micros.com/og/4.3/Reservation/"
xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
xmlns:c="http://webservices.micros.com/og/4.3/Common/"
xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
      <Result resultStatusFlag="SUCCESS">
        <c:IDs>
          <c:IDPair idType="RESERVATION" operaId="12345678"/>
        </c:IDs>
      </Result>
      <HotelReservation>

        ...
        Reservation Body Here
        (see prior HotelReservation section)
        ...

      </HotelReservation>
    </CreateBookingResponse>
  </soap:Body>
</soap:Envelope>
```

CreateBookingResponse				
<pre><xs:element name="CreateBookingResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:complexType> <xs:sequence> <xs:element name="Result" type="hc:GDSResultStatus" /> <xs:element minOccurs="0" name="HotelReservation" type="r:HotelReservation" /> </xs:sequence> </xs:complexType> </xs:element></pre>				
Name	Type	Data Type	Use	Comment
Result	element	GDSResultStatus	required	Primary indication of success or failure of transaction.
HotelReservation	element	HotelReservation	optional	Single HotelReservation. See HotelReservation element definition and samples for details.

Result (GDSResultStatus)	
<pre><xs:complexType name="GDSResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:complexContent mixed="false"></pre>	

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<pre> <xs:extension base="c:ResultStatus"> <xs:sequence> <xs:element minOccurs="0" name="GDSError" type="GDSError" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>				
Extends	ResultStatus			
Name	Type	Data Type	Use	Comment
GDSError	element	GDSError	optional	Used only in the event of an error. Used to convey the GDS error segment, code and message for an error during the transaction.

ResultStatus <pre> <xs:complexType name="ResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" name="Text" type="tns:TextList" /> <xs:element minOccurs="0" name="IDs" type="tns:IDPairList" /> </xs:sequence> <xs:attribute name="resultStatusFlag" type="tns:ResultStatusFlag" /> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
Text	element	TextList	optional	Used to store any error or warning text associated with transaction.
IDs	element	IDPairList	optional	If populated, contains the ReservationID of the newly created booking.
resultStatusFlag	attribute	ResultStatusFlag	none	Primary indication of success or failure of called function.

Text (TextList) <pre> <xs:complexType name="TextList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element maxOccurs="unbounded" name="TextElement" type="tns:Text" /> </xs:sequence> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
TextElement	element	Text	required	In this context, encapsulates text error message string(s).

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

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

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</xs:sequence> </xs:complexType>				
Name	Type	Data Type	Use	Comment
IDPair	element	IDPair	optional	Collection of ID Pair elements that in this context and if present at all , must contain one and only one element.

IDPair				
<xs:complexType name="IDPair" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:attribute name="idType" type="xs:string" /> <xs:attribute name="operald" type="xs:long" /> <xs:attribute name="externalId" type="xs:string" /> </xs:complexType>				
Name	Type	Data Type	Use	Comment
idType	attribute	string	required	In this context, and if transaction successful, hard coded to 'RESERVATION'.
operald	attribute	long	required	The confirmation number assigned to this booking.
externalId	attribute	string	not used	Not used in this context.

FetchBooking

FetchBookingRequest

```
<?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="000037" timeStamp="2004-01-13T14:48:16.0718750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="ETC" systemType="WBE"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <FetchBookingRequest xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
      xmlns:c="http://webservices.micros.com/og/4.3/Common/"
      xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
      <HotelReference chainCode="TI" hotelCode="LONMAR"/>
      <ConfirmationNumber type="INTERNAL">12343333</ConfirmationNumber>
    </FetchBookingRequest>
  </soap:Body>
</soap:Envelope>
```

FetchBookingRequest

```
<xs:element name="FetchBookingRequest" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="HotelReference" type="hc:HotelReference" />
      <xs:element name="ConfirmationNumber" type="c:UniqueID" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

Name	Type	Data Type	Use	Comment
HotelReference	element	HotelReference	Optional	References hotel for which booking should be queried. This element is more for reference purposes.
ConfirmationNumber	element	UniqueID	required	Unique ID representation of the confirmation ID to seek.

HotelReference

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

Name	Type	Data Type	Use	Comment
chainCode	attribute	string	optional	Channel converted chain code for alternate resort or property.
hotelCode	attribute	string	Required	Channel converted hotel / property

				code for alternate resort or property.
--	--	--	--	--

ConfirmationNumber (UniqueID) Root set to id value.

```
<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	Comment
type	attribute	UniqueIDType	Required	In this instance, should be hard coded to enumerated value INTERNAL. The function requires the use of the internal Opera ID.
source	attribute	string	not used	Not used in this context.

FetchBookingResponse

```
<?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="000037" timeStamp="2004-01-13T14:48:16.0718750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="ETC" systemType="WBE"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <FetchBookingResponse xmlns:r="http://webservices.micros.com/og/4.3/Reservation/"
xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
xmlns:c="http://webservices.micros.com/og/4.3/Common/"
xmlns="http://webservices.micros.com/ows/51/Reservation.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <HotelReservation>
        ....
        Reservation Body Here
        (see prior HotelReservation section)
        ....
      </HotelReservation>
    </FetchBookingResponse>
  </soap:Body>
</soap:Envelope>
```

FetchBookingResponse				
<pre><xs:element name="FetchBookingResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:complexType> <xs:sequence> <xs:element name="Result" type="hc:GDSResultStatus" /> <xs:element minOccurs="0" name="HotelReservation" type="r:HotelReservation" /> </xs:sequence> </xs:complexType> </xs:element></pre>				
Name	Type	Data Type	Use	Comment
Result	element	GDSResultStatus	required	Primary indication of success or failure of transaction.
HotelReservation	element	HotelReservation	optional	If the transaction was successful should contain one HotelReservation element. See HotelReservation description in previous section for details.

Result (GDSResultStatus)
<pre><xs:complexType name="GDSResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:complexContent mixed="false"> <xs:extension base="c:ResultStatus"> <xs:sequence> <xs:element minOccurs="0" name="GDSError" type="GDSError" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>

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

ResultStatus <pre> <xs:complexType name="ResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" name="Text" type="tns:TextList" /> <xs:element minOccurs="0" name="IDs" type="tns:IDPairList" /> </xs:sequence> <xs:attribute name="resultStatusFlag" type="tns:ResultStatusFlag" /> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
Text	element	TextList	optional	Used to store any error or warning text associated with transaction.
IDs	element	IDPairList	optional	Not used in this context.
resultStatusFlag	attribute	ResultStatusFlag	none	Primary indication of success or failure of called function.

Text (TextList) <pre> <xs:complexType name="TextList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element maxOccurs="unbounded" name="TextElement" type="tns:Text" /> </xs:sequence> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
TextElement	element	Text	required	In this context, encapsulates text error message string(s).

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

ModifyBooking

ModifyBookingRequest

```
<?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="000039" timeStamp="2004-01-13T15:25:01.4625000-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="ETC" systemType="WBE"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <ModifyBookingRequest xmlns:r="http://webservices.micros.com/og/4.3/Reservation/"
xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
xmlns:c="http://webservices.micros.com/og/4.3/Common/"
xmlns="http://webservices.micros.com/ows/51/Reservation.wsdl">
      <HotelReservation>
        <r:UniqueIDList>
          <c:UniqueID type="INTERNAL">12343333</c:UniqueID>
        </r:UniqueIDList>

        ...
        Remainder of Reservation Body Here
        (see prior HotelReservation section)
        ...

      </HotelReservation>
    </ModifyBookingRequest>
  </soap:Body>
</soap:Envelope>
```

ModifyBookingRequest

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

Name	Type	Data Type	Use	Comment
HotelReservation	element	HotelReservation	required	Single HotelReservation, including UniqueID / Confirmation ID, to be modified. See HotelReservation element definition and samples for details.

ModifyBookingResponse

```
<?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="000038" timeStamp="2004-01-13T15:24:59.8843750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="ETC" systemType="WBE"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <ModifyBookingResponse xmlns:r="http://webservices.micros.com/og/4.3/Reservation/"
      xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
      xmlns:c="http://webservices.micros.com/og/4.3/Common/"
      xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
      <Result resultStatusFlag="SUCCESS" />
      <HotelReservation>
        ...
        Reservation Body Here
        (see prior HotelReservation section)
        ...
      </HotelReservation>
    </ModifyBookingResponse>
  </soap:Body>
</soap:Envelope>
```

ModifyBookingResponse				
<pre><xs:element name="ModifyBookingResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:complexType> <xs:sequence> <xs:element name="Result" type="hc:GDSResultStatus" /> <xs:element minOccurs="0" name="HotelReservation" type="r:HotelReservation" /> </xs:sequence> </xs:complexType> </xs:element></pre>				
Name	Type	Data Type	Use	Comment
Result	element	GDSResultStatus	required	Primary indication of success or failure of transaction.
HotelReservation	element	HotelReservation	optional	If transaction successful, a single HotelReservation. See HotelReservation element definition and samples for details.

Result (GDSResultStatus)
<pre><xs:complexType name="GDSResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:complexContent mixed="false"> <xs:extension base="c:ResultStatus"> <xs:sequence> <xs:element minOccurs="0" name="GDSError" type="GDSError" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>

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

ResultStatus				
<pre> <xs:complexType name="ResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" name="Text" type="tns:TextList" /> <xs:element minOccurs="0" name="IDs" type="tns:IDPairList" /> </xs:sequence> <xs:attribute name="resultStatusFlag" type="tns:ResultStatusFlag" /> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
Text	element	TextList	optional	Used to store any error or warning text associated with transaction.
IDs	element	IDPairList	optional	Not used in this context.
resultStatusFlag	attribute	ResultStatusFlag	none	Primary indication of success or failure of called function.

Text (TextList)				
<pre> <xs:complexType name="TextList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element maxOccurs="unbounded" name="TextElement" type="tns:Text" /> </xs:sequence> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
TextElement	element	Text	required	In this context, encapsulates text error message string(s).

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

CancelBooking

CancelBookingRequest

```
<?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="000040" timeStamp="2004-01-13T14:58:44.9468750-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="ETC" systemType="WBE"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <CancelBookingRequest xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
xmlns:c="http://webservices.micros.com/og/4.3/Common/"
xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
      <HotelReference chainCode="TI" hotelCode="LONMAR"/>
      <ConfirmationNumber type="INTERNAL">12344444</ConfirmationNumber>
      <CancelTerm cancelType="Cancel" cancelReasonCode="FCNX">
        <hc:CancelReason>
          <hc:Text>Cancel - Flight Cancelled</hc:Text>
        </hc:CancelReason>
      </CancelTerm>
    </CancelBookingRequest>
  </soap:Body>
</soap:Envelope>
```

CancelBookingRequest

```
<xs:element name="CancelBookingRequest" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="HotelReference" type="hc:HotelReference" />
      <xs:element name="ConfirmationNumber" type="c:UniqueID" />
      <xs:element name="CancelTerm" type="hc:CancelTerm" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

Name	Type	Data Type	Use	Comment
HotelReference	element	HotelReference	required	References hotel for which booking should be cancelled, although this element is more for reference purposes, it remains required.
ConfirmationNumber	element	UniqueID	required	Unique ID representation of the confirmation ID to cancel.
CancelTerm	element	CancelTerm	required	Encapsulates the terms of cancellation.

HotelReference

```
<xs:complexType name="HotelReference" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleContent>
    <xs:extension base="xs:string">
```

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<pre> <xs:attribute name="chainCode" type="xs:string" use="optional" /> <xs:attribute name="hotelCode" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
chainCode	attribute	string	optional	Channel converted chain code for alternate resort or property.
hotelCode	attribute	string	required	Channel converted hotel / property code for alternate resort or property.

ConfirmationNumber (UniqueID) Root set to id value.

<pre> <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> </pre>				
Name	Type	Data Type	Use	Comment
type	attribute	UniqueIDType	required	In this instance, should be hard coded to enumerated value INTERNAL. The function requires the use of the internal Opera ID.
source	attribute	string	not used	Not used in this context.

CancelTerm

<pre> <xs:complexType name="CancelTerm" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" name="CancelReason" type="Paragraph" /> </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> </pre>				
Name	Type	Data Type	Use	Comment
CancelReason	element	Paragraph	optional	Full text of cancellation reason.
cancelType	attribute	CancelTermType	required	The type of cancellation (enumerated value)
otherCancelType	attribute	string	optional	If the 'OTHER' enumerated value is selected in previous attribute, then this attribute becomes operationally required.
cancelReasonCode	attribute	string	optional	If there is a code associated with cancellation reason, that code shall be populated in this attribute.
cancelNumber	attribute	string	not used	Not used in this context.
cancelDate	attribute	date	not used	Not used in this context.
cancelBy	attribute	string	not used	Not used in this context.

CancelReason (Paragraph)

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

Name	Type	Data Type	Use	Comment
Text	element	Text	required	Text description of the cancellation reason.
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

Text

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

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

CancelBookingResponse

```
<?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="000040" timeStamp="2004-01-13T14:58:44.9468750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="ETC" systemType="WBE"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <CancelBookingResponse
      xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
      xmlns:c="http://webservices.micros.com/og/4.3/Common/"
      xmlns="http://webservices.micros.com/ows/51/Reservation.wsdl">
      <Result resultStatusFlag="SUCCESS">
        <c:IDs>
          <c:IDPair idType="CANCEL" operald="987645"/>
        </c:IDs>
      </Result>
    </CancelBookingResponse>
  </soap:Body>
</soap:Envelope>
```

CancelBookingResponse				
<pre><xs:element name="CancelBookingResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:complexType> <xs:sequence> <xs:element name="Result" type="hc:GDSResultStatus" /> </xs:sequence> </xs:complexType> </xs:element></pre>				
Name	Type	Data Type	Use	Comment
Result	element	GDSResultStatus	required	Primary indication of success or failure of transaction.

Result (GDSResultStatus)				
<pre><xs:complexType name="GDSResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:complexContent mixed="false"> <xs:extension base="c:ResultStatus"> <xs:sequence> <xs:element minOccurs="0" name="GDSError" type="GDSError" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>				
Extends	ResultStatus			
Name	Type	Data Type	Use	Comment
GDSError	element	GDSError	optional	Used only in the event of an error. Used to convey the GDS error segment, code and message for an error during the transaction.

ResultStatus				
<pre><xs:complexType name="ResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" name="Text" type="tns:TextList" /> <xs:element minOccurs="0" name="IDs" type="tns:IDPairList" /> </xs:sequence> <xs:attribute name="resultStatusFlag" type="tns:ResultStatusFlag" /> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Text	element	TextList	optional	Used to store any error or warning text associated with transaction.
IDs	element	IDPairList	optional	If operation successful will contain IDPair representing cancellation number.
resultStatusFlag	attribute	ResultStatusFlag	required	Primary indication of success or failure of called function.

Text (TextList)				
<pre><xs:complexType name="TextList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element maxOccurs="unbounded" name="TextElement" type="tns:Text" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
TextElement	element	Text	required	In this context, encapsulates text error message string(s).

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

IDs (IDPairList)				
<pre><xs:complexType name="IDPairList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" maxOccurs="unbounded" name="IDPair" type="tns:IDPair" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
IDPair	element	IDPair	optional	Collection of IDPair elements that in this context and if present at all , must contain one and only one element.

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

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Name	Type	Data Type	Use	Comment
idType	attribute	string	required	In this context, and if transaction successful, hard coded to 'CANCEL'.
operald	attribute	long	required	The cancellation number assigned to this booking as a result of this transaction.
externalId	attribute	string	not used	Not used in this context.

FutureBookingSummary

FutureBookingSummaryRequest

```
<?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="000041" timeStamp="2004-01-13T10:08:23.7750000-05:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="ETC" systemType="WBE"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <FutureBookingSummaryRequest
xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
      <QueryDateRange dataType="ARRIVAL_DATE">
        <hc:StartDate>2004-01-13T00:00:00.0000000-05:00</hc:StartDate>
        <hc:EndDate>2004-02-12T00:00:00.0000000-05:00</hc:EndDate>
      </QueryDateRange>
      <NameID type="INTERNAL">12344321</NameID>
      <SearchLevel>BOOKER</SearchLevel>
    </FutureBookingSummaryRequest>
  </soap:Body>
</soap:Envelope>
```

Alternatively, if this query had been filtered by Corporate ID, the applicable message section would appear as

```
...
</QueryDateRange>
<CorporateID type="INTERNAL">43211234</CorporateID>
</FutureBookingSummaryRequest>
...
```

FutureBookingSummaryRequest				
<pre><xs:element name="FutureBookingSummaryRequest" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:complexType> <xs:sequence> <xs:element minOccurs="0" name="QueryDateRange" type="hc:TimeSpan" /> <xs:choice> <xs:element name="NameID" type="c:UniqueID" /> <xs:element name="CorporateID" type="c:UniqueID" /> </xs:choice> </xs:sequence> </xs:complexType> </xs:element></pre>				
Name	Type	Data Type	Use	Comment
QueryDateRange	element	TimeSpan	optional	If provided, will filter result set to include only those booking that

				fall within specified date range.
NameID	element	UniqueID	required / choice	Opera NameID for individual guest.
CorporateID	element	UniqueID	required / choice	Opera NameID for travel agent or booker.

QueryDateRange (TimeSpan)

```
<xs:complexType name="TimeSpan" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="StartDate" type="xs:dateTime" />
    <xs:choice>
      <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	Comment
StartDate	element	dateTime	required	Start date of query filter.
EndDate	element	dateTime	required	End date of query filter.
Duration	element	duration	not used	Not used in this context.

NameID (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	Comment
type	attribute	UniqueIDType	required	In this context, shall be hard coded to INTERNAL, indicating that the root value is the Opera internal NameID upon which to query.
source	attribute	string	not used	Not used in this context.

CorporateID (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	Comment
type	attribute	UniqueIDType	required	In this context, shall be hard coded to INTERNAL, indicating that the root value is the Opera internal NameID upon which to query.
source	attribute	string	not used	Not used in this context.

FutureBookingSummaryResponse

```
<?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="000041" timeStamp="2004-01-13T14:25:58.3843750-05:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="TI" systemType="ORS"/>
      <Destination entityID="ETC" systemType="WBE"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <FutureBookingSummaryResponse
      xmlns:r="http://webservices.micros.com/og/4.3/Reservation/"
      xmlns:hc="http://webservices.micros.com/og/4.3/HotelCommon/"
      xmlns:c="http://webservices.micros.com/og/4.3/Common/"
      xmlns:n="http://webservices.micros.com/og/4.3/Name/"
      xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <HotelReservations>
        <r:HotelReservation>
          <r:RoomStays>
            <hc:RoomStay>
              <hc:RatePlans>
                <hc:RatePlan ratePlanCode="RAC">
                  <hc:RatePlanDescription>
                    <hc:Text>Rack rate.</hc:Text>
                  </hc:RatePlanDescription>
                </hc:RatePlan>
              </hc:RatePlans>
              <hc:RoomTypes>
                <hc:RoomType roomTypeCode="A1K" numberOfUnits="2"
invBlockCode="AA01312004">
                  <hc:RoomTypeDescription>
                    <hc:Text>A very nice king room.</hc:Text>
                  </hc:RoomTypeDescription>
                </hc:RoomType>
              </hc:RoomTypes>
              <hc:RoomRates>
                <hc:RoomRate roomTypeCode="A1K" ratePlanCode="RAC">
                  <hc:Rates>
                    <hc:Rate>
                      <hc:Base currencyCode="USD">125.00</hc:Base>
                    </hc:Rate>
                  </hc:Rates>
                  <hc:InvBlockDescription>
                    <hc:Text>AA Crew group 31 January 2004</hc:Text>
                  </hc:InvBlockDescription>
                  <hc:Total currencyCode="USD">255.75</hc:Total>
                </hc:RoomRate>
              </hc:RoomRates>
              <hc:GuestCounts>
```

```

        <hc:GuestCount ageQualifyingCode="ADULT" count="1"/>
        <hc:GuestCount ageQualifyingCode="CHILD" count="1"/>
    </hc:GuestCounts>
    <hc:TimeSpan>
        <hc:StartDate>2004-01-29T00:00:00.000</hc:StartDate>
        <hc:EndDate>2004-01-31T00:00:00.000</hc:EndDate>
    </hc:TimeSpan>
    <hc:HotelReference chainCode="TI" hotelCode="LONMAR"/>
    <hc:ResGuestRPHs>
        <hc:ResGuestRPH RPH="0"/>
    </hc:ResGuestRPHs>
    </hc:RoomStay>
</r:RoomStays>
<r:ResGuests>
    <r:ResGuest resGuestRPH="0">
        <r:Profiles>
            <n:Profile>
                <n:ProfileIDs>
                    <c:UniqueID type="INTERNAL">4444</c:UniqueID>
                </n:ProfileIDs>
                <n:Customer>
                    <n:PersonName>
                        <c:firstName>Billy</c:firstName>
                        <c:lastName>Pigsticker</c:lastName>
                    </n:PersonName>
                </n:Customer>
            </n:Profile>
        </r:Profiles>
    </r:ResGuest>
</r:ResGuests>
</r:HotelReservation>
<r:HotelReservation>
    <r:RoomStays>
        <hc:RoomStay>
            <hc:RatePlans>
                <hc:RatePlan ratePlanCode="BAR">
                    <hc:RatePlanDescription>
                        <hc:Text>Best Available Rate</hc:Text>
                    </hc:RatePlanDescription>
                </hc:RatePlan>
            </hc:RatePlans>
            <hc:RoomTypes>
                <hc:RoomType roomTypeCode="B1K" numberOfUnits="2">
                    <hc:RoomTypeDescription>
                        <hc:Text>A reasonably nice king room.</hc:Text>
                    </hc:RoomTypeDescription>
                </hc:RoomType>
            </hc:RoomTypes>
            <hc:RoomRates>
                <hc:RoomRate roomTypeCode="B1K" ratePlanCode="BAR">
                    <hc:Rates>
                        <hc:Rate>
                            <hc:Base currencyCode="USD">105.00</hc:Base>
                        </hc:Rate>
                    </hc:Rates>
                    <hc:Total currencyCode="USD">210.00</hc:Total>
                </hc:RoomRate>
            </hc:RoomRates>
        </hc:RoomStay>
    </r:RoomStays>
</r:HotelReservation>

```

```

        </hc:RoomRate>
      </hc:RoomRates>
    <hc:GuestCounts>
      <hc:GuestCount ageQualifyingCode="ADULT" count="1"/>
    </hc:GuestCounts>
    <hc:TimeSpan>
      <hc:StartDate>2004-02-01T00:00:00.000</hc:StartDate>
      <hc:EndDate>2004-02-03T00:00:00.000</hc:EndDate>
    </hc:TimeSpan>
    <hc:CancelTerm cancelType="Cancel" cancelDate="2004-12-24"/>
    <hc:HotelReference chainCode="TI" hotelCode="LONMAR"/>
    <hc:ResGuestRPHs>
      <hc:ResGuestRPH RPH="0"/>
    </hc:ResGuestRPHs>
  </hc:RoomStay>
</r:RoomStays>
<r:ResGuests>
  <r:ResGuest resGuestRPH="0">
    <r:Profiles>
      <n:Profile>
        <n:ProfileIDs>
          <c:UniqueID type="INTERNAL">4444</c:UniqueID>
        </n:ProfileIDs>
        <n:Customer>
          <n:PersonName>
            <c:firstName>Billy</c:firstName>
            <c:lastName>Pigsticker</c:lastName>
          </n:PersonName>
        </n:Customer>
      </n:Profile>
    </r:Profiles>
  </r:ResGuest>
</r:ResGuests>
</r:HotelReservation>
</HotelReservations>
</FutureBookingSummaryResponse>
</soap:Body>
</soap:Envelope>

```

FutureBookingSummaryResponse				
<xs:element name="FutureBookingSummaryResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:complexType> <xs:sequence> <xs:element name="Result" type="hc:GDSResultStatus" /> <xs:element minOccurs="0" name="HotelReservations" type="r:HotelReservationList" /> </xs:sequence> </xs:complexType> </xs:element>				
Name	Type	Data Type	Use	Comment
Result	element	GDSResultStatus	required	Primary indication of success or failure of transaction.
HotelReservations	element	HotelReservationList	optional	Collection of HotelReservation elements, each representing one future booking.

Result (GDSResultStatus)

```
<xs:complexType name="GDSResultStatus" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexContent mixed="false">
    <xs:extension base="c:ResultStatus">
      <xs:sequence>
        <xs:element minOccurs="0" name="GDSError" type="GDSError" />
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

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

ResultStatus

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

Name	Type	Data Type	Use	Comment
Text	element	TextList	optional	Used to store any error or warning text associated with transaction.
IDs	element	IDPairList	not used	Not used in this context.
resultStatusFlag	attribute	ResultStatusFlag	required	Primary indication of success or failure of called function.

Text (TextList)

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

Name	Type	Data Type	Use	Comment
TextElement	element	Text	required	In this context, encapsulates text error message string(s).

TextElement (Text)

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

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

HotelReservations (HotelReservationList)

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

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<pre><xs:element maxOccurs="unbounded" name="HotelReservation" type="HotelReservation" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
HotelReservation	element	HotelReservation	required	HotelReservation element list. Each element represents a single future booking.

HotelReservation				
<pre><xs:complexType name="HotelReservation" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" name="UniqueIDList" type="c:UniqueIDList" /> <xs:element minOccurs="0" name="RoomStays" type="hc:RoomStayList" /> <xs:element minOccurs="0" name="ResGuests" type="ResGuestList" /> <xs:element minOccurs="0" name="WrittenConflnst" type="WrittenConflnst" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
UniqueIDList	element	UniqueIDList	optional	Collection of UniqueID elements, in this context populated with the internal reservation ID for parent booking.
RoomStays	element	RoomStayList	optional	Collection of sparsely populated RoomStays that give an overview or summary of the future booking.
ResGuests	element	ResGuestList	optional	Collection of sparsely populated ResGuests, providing only basic name information.
WrittenConflnst	element	WrittenConflnst	not used	Not used in this context.

UniqueIDList				
<pre><xs:complexType name="UniqueIDList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" maxOccurs="unbounded" name="UniqueID" type="tns:UniqueID" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
UniqueID	element	UniqueID	optional	If parent element is present, must contain at least one UniqueID element.

UniqueID				
<pre><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></pre>				
Name	Type	Data Type	Use	Comment
type	attribute	UniqueIDType	required	In this context will be hard coded to INTERNAL, indicating that the root value contained therein is the Opera reservation ID.
source	attribute	string	not used	Not used in this context.

RoomStays (RoomStayList)

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

Name	Type	Data Type	Use	Comment
RoomStay	element	RoomStay	required	If parent element is present, must contain at least one RoomStay element.

RoomStay

```
<xs:complexType name="RoomStay" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="RatePlans" type="RatePlanList" />
    <xs:element minOccurs="0" name="RoomTypes" type="RoomTypeList" />
    <xs:element minOccurs="0" name="RoomRates" type="RoomRateList" />
    <xs:element minOccurs="0" name="GuestCounts" type="GuestCountList" />
    <xs:element minOccurs="0" name="TimeSpan" type="TimeSpan" />
    <xs:element minOccurs="0" name="Guarantee" type="Guarantee" />
    <xs:element minOccurs="0" name="CancelPenalties" type="CancelPenaltyList" />
    <xs:element minOccurs="0" name="CancelTerm" type="CancelTerm" />
    <xs:element minOccurs="0" name="HotelReference" type="HotelReference" />
    <xs:element minOccurs="0" name="HotelContact" type="HotelContact" />
    <xs:element minOccurs="0" name="Total" type="c:Amount" />
    <xs:element minOccurs="0" name="ResGuestRPHs" type="ResGuestRPHList" />
    <xs:element minOccurs="0" name="Comments" type="ReservationCommentList" />
    <xs:element minOccurs="0" name="SpecialRequests" type="SpecialRequestList" />
  </xs:sequence>
  <xs:attribute name="isAlternate" type="xs:boolean" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
RatePlans	element	RatePlanList	optional	Collection of RatePlan elements, in this context containing one and only one RatePlan.
RoomTypes	element	RoomTypeList	optional	Collection of RoomType elements, in this context containing one and only one RoomType.
RoomRates	element	RoomRateList	optional	Collection of RoomRate elements, in this context containing one and only one RoomRate.
GuestCounts	element	GuestCountList	optional	Guest count element list, populated as appropriate per summary booking.
TimeSpan	element	TimeSpan	optional	The arrival and departure date for future booking.
Guarantee	element	Guarantee	not used	Not used in this context.
CancelPenalties	element	CancelPenaltyList	not used	Not used in this context.
CancelTerm	element	CancelTerm	optional	If the booking represented has been cancelled, the terms of its cancellation.
HotelReference	element	HotelReference	optional	The channel converted hotel and chain codes for the subject future booking.
HotelContact	element	HotelContact	not used	Not used in this context.

Total	element	Amount	optional	Total anticipated charges for stay.
ResGuestRPHs	element	ResGuestRPHList	optional	List of reservation guest place holders, indicating which ResGuests are associated with this RoomStay.
Comments	element	ReservationCommentList	not used	Not used in this context.
SpecialRequests	element	SpecialRequestList	not used	Not used in this context.
isAlternate	attribute	boolean	not used	Not used in this context.

RatePlans (RatePlanList)

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

Name	Type	Data Type	Use	Comment
RatePlan	element	RatePlan	required	Collection of RatePlan elements. If parent element exists, at least one RatePlan element must be contained.

RatePlan

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

Name	Type	Data Type	Use	Comment
RatePlanDescription	element	Paragraph	optional	Paragraph type description of RatePlan.
Commission	element	Commission	not used	Not used in this context.
AdditionalDetails	element	AdditionalDetailList	not used	Not used in this context.
CancellationDateTime	element	dateTime	not used	Not used in this context.
ratePlanCategory	attribute	string	not used	Not used in this context.
ratePlanCode	attribute	string	required	The actual rate code used to make booking.
promotionCode	attribute	string	optional	If booking is to be made or was made under a promotion code, that promotion code shall be indicated in this attribute.
qualifyingIdType	attribute	string	not used	Not used in this context.
qualifyingIdValue	attribute	string	not used	Not used in this context.
effectiveDate	attribute	date	not used	Not used in this context.

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expirationDate	attribute	date	not used	Not used in this context.
hold	attribute	boolean	not used	Not used in this context.
mandatoryDeposit	attribute		not used	Not used in this context.

RatePlanDescription (Paragraph)

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

Name	Type	Data Type	Use	Comment
Text	element	Text	required	Text element list containing at least one element describing RatePlan.
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

Text

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

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

RoomTypes (RoomTypeList)

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

Name	Type	Data Type	Use	Comment
RoomType	element	RoomType	required	Collection of RoomType elements. If parent element is present, at least one RoomType element is required.

RoomType

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

Name	Type	Data Type	Use	Comment
RoomTypeDescription	element	Paragraph	optional	Paragraph type description of

				subject room type.
roomTypeCode	attribute	string	required	The channel converted room type code.
invBlockCode	attribute	string	optional	If this booking is or is to be part of a group (allotment) booking, this attribute value should be populated with the appropriate allotment code.
numberOfUnits	attribute	int	optional	The number or rooms of the given type in the booking.
isRoom	attribute	boolean	not used	Not used in this context.
effectiveDate	attribute	date	not used	Not used in this context.
expirationDate	attribute	date	not used	Not used in this context.

RoomTypeDescription (Paragraph)

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

Name	Type	Data Type	Use	Comment
Text	element	Text	required	Collection of Text elements representing room type description.
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

Text

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

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

RoomRates (RoomRateList)

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

Name	Type	Data Type	Use	Comment
RoomRate	element	RoomRate	required	Collection of RoomRate objects. Operationally, there shall be one and only one element contained in this list.

RoomRate

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

<pre> <xs:element minOccurs="0" name="Rates" type="RateList" /> <xs:element minOccurs="0" name="InvBlockDescription" type="Paragraph" /> <xs:element minOccurs="0" name="Total" type="c:Amount" /> </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> </pre>				
Name	Type	Data Type	Use	Comment
Rates	element	RateList	optional	Collection of rate object that indicate the price paid or to be paid for given rate room combination. In the context of a web booking interface, this collection will most often be empty, but as an ADS/GDS engine, rate elements may be submitted, and based upon channel setup, will either be accepted or overridden.
InvBlockDescription	element	Paragraph	optional	On fetch booking, if the reservation is a member an allotment, a written description of the block may be passed here as a Paragraph element.
Total	element	Amount	optional	The anticipated total cost of the stay.
roomTypeCode	attribute	string	required	The room type code booked / to be booked.
ratePlanCode	attribute	string	required	The rate plan code booked / to be booked.
effectiveDate	attribute	date	not used	Not used in this context.
expirationDate	attribute	date	not used	Not used in this context.

Rates (RateList)				
<pre> <xs:complexType name="RateList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element maxOccurs="unbounded" name="Rate" type="Rate" /> </xs:sequence> </xs:complexType> </pre>				
Name	Type	Data Type	Use	Comment
Rate	element	Rate	required	Collection of rate elements. In this context, only one rate element will be returned, despite any number of rate changes throughout length of stay.

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

<code><xs:attribute name="rateOccurrence" type="RateOccurrenceType" /></code> <code><xs:attribute name="otherRateOccurrence" type="xs:string" /></code> <code><xs:attribute name="rateChangeIndicator" type="xs:boolean" /></code> <code></xs:complexType></code>				
Name	Type	Data Type	Use	Comment
Base	element	Amount	required	Base rate amount, or notional daily rate.
AdditionalGuestAmounts	element	AdditionalGuestAmountList	not used	Not used in this context.
AdditionalBedAmounts	element	AdditionalBedAmountList	not used	Not used in this context.
effectiveDate	attribute	date	not used	Not used in this context.
expirationDate	attribute	date	not used	Not used in this context.
rateOccurrence	attribute	RateOccurrenceType	optional	For purposes of this interface, this value, when present, will always be "daily".
otherRateOccurrence	attribute	string	optional	If rateOccurrence attribute value where "OTHER" then this field would become operationally required.
rateChangeIndicator	attribute	boolean	optional	If a rate change does exist throughout the length of stay, this value will be populated and set to true.

Base (Amount)				
<code><xs:complexType name="Amount" xmlns:xs="http://www.w3.org/2001/XMLSchema"></code> <code><xs:simpleContent></code> <code><xs:extension base="xs:double"></code> <code><xs:attribute name="currencyCode" type="xs:string" /></code> <code></xs:extension></code> <code></xs:simpleContent></code> <code></xs:complexType></code>				
Name	Type	Data Type	Use	Comment
currencyCode	attribute	string	none	Currency code of value specified in root value.

InvBlockDescription (Paragraph)				
<code><xs:complexType name="Paragraph" xmlns:xs="http://www.w3.org/2001/XMLSchema"></code> <code><xs:choice maxOccurs="99"></code> <code><xs:element name="Text" type="c:Text" /></code> <code><xs:element name="Image" type="xs:string" /></code> <code><xs:element name="URL" type="xs:anyURI" /></code> <code></xs:choice></code> <code></xs:complexType></code>				
Name	Type	Data Type	Use	Comment
Text	element	Text	required	The text description of the allotment if reservation is part of a block and description is provided.
Image	element	string	not used	Not used in this context.

URL	element	anyURI	not used	Not used in this context.
-----	---------	--------	----------	---------------------------

Text

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

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

Total (Amount) (Anticipated total amount of stay)

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

Name	Type	Data Type	Use	Comment
currencyCode	attribute	string	none	If the root amount value is populated, then this value is operationally required.

GuestCounts (GuestCountList)

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

Name	Type	Data Type	Use	Comment
GuestCount	element	GuestCount	required	Collection of GuestCount elements. If parent element is not present, a value of one adult and no children will be assumed. If parent element is present, at least one properly formed GuestCount element is required.
isPerRoom	attribute	boolean	optional	For purposes of this interface, this value should be assumed to have a value of or populated as "true".

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	Comment
ageQualifyingCode	attribute	AgeQualifyingCode	optional	Enumerated value specifying the age(s) of guests.

otherAgeQualifyingCode	attribute	string	optional	If previous attribute value is set to 'OTHER', then this field becomes operationally required.
age	attribute	int	reserved	Reserved for future use.
count	attribute	int	optional	The number of guests in this age bracket or a this age.

TimeSpan

```
<xs:complexType name="TimeSpan" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="StartDate" type="xs:dateTime" />
    <xs:choice>
      <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	Comment
StartDate	element	dateTime	required	The arrival date of the subject RoomStay.
EndDate	element	dateTime	required	The departure date of the subject RoomStay.
Duration	element	duration	not used	Reserved for future use.

CancelTerm (Used to indicate that a booking has been previously cancelled. One way from Opera to recipient only).

```
<xs:complexType name="CancelTerm" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="CancelReason" type="Paragraph" />
  </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	Comment
CancelReason	element	Paragraph	optional	Full text of cancellation reason.
cancelType	attribute	CancelTermType	required	The type of cancellation (enumerated value)
otherCancelType	attribute	string	optional	If the 'OTHER' enumerated value is selected in previous attribute, then this attribute becomes operationally required.
cancelReasonCode	attribute	string	optional	If there is a code associated with cancellation reason, that code shall be populated in this attribute.
cancelNumber	attribute	string	optional	The cancellation number of the subject booking.
cancelDate	attribute	date	optional	The date the booking was cancelled.
cancelBy	attribute	string	optional	The username / id of the operator that cancelled the

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				booking.
--	--	--	--	----------

CancelReason (Paragraph)

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

Name	Type	Data Type	Use	Comment
Text	element	Text	required	The text description of why cancellation was executed.
Image	element	string	not used	Not used in this context.
URL	element	anyURI	not used	Not used in this context.

Text

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

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

HotelReference

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

Name	Type	Data Type	Use	Comment
chainCode	attribute	string	optional	Channel converted chain code for alternate resort or property.
hotelCode	attribute	string	required	Channel converted hotel / property code for alternate resort or property.

Total (Amount) (Estimated or actual total amount of stay)

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

Name	Type	Data Type	Use	Comment
currencyCode	attribute	string	optional	ISO currency code of amount represented in root node.

ResGuestRPHs (ResGuestRPHList)

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<pre><xs:complexType name="ResGuestRPHList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element maxOccurs="unbounded" name="ResGuestRPH" type="ResGuestRPH" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
ResGuestRPH	element	ResGuestRPH	required	Collection of ResGuestRPH elements. At least one must be present to form a valid booking.

ResGuestRPH <pre><xs:complexType name="ResGuestRPH" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:attribute name="RPH" type="xs:int" use="required" /> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
RPH	attribute	int	required	Integer value used to represent the relative position of the ResGuest record within the overall bookings ResGuests element.

ResGuests (ResGuestList) <pre><xs:complexType name="ResGuestList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element maxOccurs="unbounded" name="ResGuest" type="ResGuest" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
ResGuest	element	ResGuest	required	Collection of ResGuest elements. At least one must be present to create a valid booking.

ResGuest <pre><xs:complexType name="ResGuest" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" name="Profiles" type="n:ProfileList" /> <xs:element minOccurs="0" name="SpecialRequests" type="hc:SpecialRequestList" /> <xs:element minOccurs="0" name="Comments" type="hc:ReservationCommentList" /> <xs:element minOccurs="0" name="ArrivalTransport" type="hc:TransportInfo" /> <xs:element minOccurs="0" name="DepartureTransport" type="hc:TransportInfo" /> <xs:element minOccurs="0" name="GuestCounts" type="hc:GuestCountList" /> <xs:element minOccurs="0" name="InHouseTimeSpan" type="hc:TimeSpan" /> </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></pre>				
Name	Type	Data Type	Use	Comment
Profiles	element	ProfileList	optional	List of Profile elements.
SpecialRequests	element	SpecialRequestList	not used	Not used in this context.
Comments	element	ReservationCommentList	not used	Not used in this context.
ArrivalTransport	element	TransportInfo	not used	Not used in this context.
DepartureTransport	element	TransportInfo	not used	Not used in this context.

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				context.
GuestCounts	element	GuestCountList	not used	Not used in this context.
InHouseTimeSpan	element	TimeSpan	not used	Not used in this context.
resGuestRPH	attribute	int	required	This elements relative place order within parent element list.
ageQualifyingCode	attribute	AgeQualifyingCode	not used	Not used in this context.
otherAgeQualifyingCode	attribute	string	not used	Not used in this context.
arrivalTime	attribute	time	not used	Not used in this context.
departureTime	attribute	time	not used	Not used in this context.

Profiles (ProfileList)				
<pre><xs:complexType name="ProfileList" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element minOccurs="0" maxOccurs="unbounded" name="Profile" type="tns:Profile" /> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Profile	element	Profile	optional	Within attached profiles, only ProfileIDs and Customer name information will be provided.

EmailConfirmation

EmailConfirmationRequest

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Header>
    <OGHeader transactionID="3003005" authToken="authToken" timeStamp="2004-06-
26T09:01:32.2506250-04:00" xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="WEST" systemType="WEB"/>
      <Destination entityID="TI" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <EmailConfirmationRequest
xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl"
xmlns:c="http://webservices.micros.com/og/4.3/Common.xsd"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <ConfirmationNumber type="INTERNAL">1353847</ConfirmationNumber>
      <EmailAddress
xmlns:xsd="http://www.w3.org/2001/XMLSchema">emorgens@onebox.com</EmailAddress>
    </EmailConfirmationRequest>
```

</soap:Body>
</soap:Envelope>

EmailConfirmationRequest

```
<xs:element name="EmailConfirmationRequest" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ConfirmationNumber" type="c:UniqueID" />
      <xs:element name="EmailAddress" type="string" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

Name	Type	Data Type	Use	Comment
ConfirmationNumber	element	UniqueID	required	Unique ID representation of the confirmation ID to seek.
EmailAddress	element	string	required	Email Address in which the confirmation letter should be sent to

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	Comment
type	attribute	UniqueIDType	required	The ID type of the reservation ID provided. In this context must be assigned a default value of INTERNAL, indicating that the ID provided must <i>always</i> be the internal Opera ID.
source	attribute	string	not used	Not used in this context.

UniqueIDType

```
<xs:simpleType name="UniqueIDType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="EXTERNAL"/>
    <xs:enumeration value="INTERNAL"/>
    <xs:enumeration value="CANCELLATIONEXTERNAL"/>
    <xs:enumeration value="CANCELLATIONINTERNAL"/>
  </xs:restriction>
</xs:simpleType>
```

EmailConfirmationResponse

Insert message here

EmailConfirmationResponse

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

Name	Type	Data Type	Use	Comment
------	------	-----------	-----	---------

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Result	element	GDSResultStatus	required	Primary indication of success or failure of transaction.
--------	---------	-----------------	----------	--

GDSResultStatus

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

Extends	ResultStatus			
Name	Type	Data Type	Use	Comment
GDSError	element	GDSError	required	

ResultStatus

```
<xs:complexType name="ResultStatus">
  <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	Comment
Text	element	TextList	required	
IDs	element	IDPairList	required	
resultStatusFlag	attribute	ResultStatusFlag	required	

TextList

```
<xs:complexType name="TextList">
  <xs:sequence>
    <xs:element name="TextElement" type="tns:Text" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
TextElement	element	Text	required	

Text

```
<xs:complexType name="Text">
  <xs:simpleContent>
    <xs:extension base="xs:normalizedString">
      <xs:attribute name="formatted" type="xs:boolean" use="optional"/>
      <xs:attribute name="language" type="xs:language" use="optional"/>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
formatted	attribute	boolean	optional	
language	attribute	language	optional	

IDPairList

```
<xs:complexType name="IDPairList">
  <xs:sequence>
    <xs:element name="IDPair" type="tns:IDPair" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
IDPair	element	IDPair	required	

IDPair

```
<xs:complexType name="IDPair">
  <xs:attribute name="idType" type="xs:string"/>
  <xs:attribute name="operald" type="xs:long"/>
  <xs:attribute name="externalld" type="xs:string"/>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
idType	attribute	string		
operald	attribute	long		
externalld	attribute	string		

ResultStatusFlag

```
<xs:simpleType name="ResultStatusFlag">
  <xs:restriction base="xs:string">
    <xs:enumeration value="FAIL"/>
    <xs:enumeration value="SUCCESS"/>
  </xs:restriction>
</xs:simpleType>
```

GDSError

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

Name	Type	Data Type	Use	Comment
errorCode	attribute	string	required	
elementId	attribute	long	required	

SetDailyPoints

SetDailyPointsRequest

Insert message here

SetDailyPointsRequest

```
<xs:element name="SetDailyPointsRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="HotelReference" type="hc:HotelReference"/>
      <xs:element name="ConfirmationNumber" type="c:UniqueID"/>
      <xs:element name="DailyPoints" type="hc:TimeSpanPointsList"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

Name	Type	Data Type	Use	Comment
HotelReference	element	HotelReference	required	
ConfirmationNumber	element	UniqueID	required	
DailyPoints	element	TimeSpanPointsList	required	

SetDailyPointsResponse

Insert message here

SetDailyPointsResponse				
<pre><xs:element name="SetDailyPointsResponse"> <xs:complexType> <xs:sequence> <xs:element name="Result" type="hc:GDSResultStatus"/> </xs:sequence> </xs:complexType> </xs:element></pre>				
Name	Type	Data Type	Use	Comment
Result	element	GDSResultStatus	required	

GDSResultStatus				
<pre><xs:complexType name="GDSResultStatus"> <xs:complexContent> <xs:extension base="c:ResultStatus"> <xs:sequence> <xs:element name="GDSError" type="GDSError" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>				
Extends	ResultStatus			
Name	Type	Data Type	Use	Comment
GDSError	element	GDSError	required	

ResultStatus				
<pre><xs:complexType name="ResultStatus"> <xs:sequence> <xs:element name="Text" type="tns:TextList" minOccurs="0"/> <xs:element name="IDs" type="tns:IDPairList" minOccurs="0"/> </xs:sequence> <xs:attribute name="resultStatusFlag" type="tns:ResultStatusFlag"/> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
Text	element	TextList	required	
IDs	element	IDPairList	required	
resultStatusFlag	attribute	ResultStatusFlag	required	

TextList				
<pre><xs:complexType name="TextList"> <xs:sequence> <xs:element name="TextElement" type="tns:Text" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
TextElement	element	Text	required	

Text				
<pre><xs:complexType name="Text"> <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></pre>				

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</xs:complexType>				
Name	Type	Data Type	Use	Comment
formatted	attribute	boolean	optional	
language	attribute	language	optional	

IDPairList				
<xs:complexType name="IDPairList"> <xs:sequence> <xs:element name="IDPair" type="tns:IDPair" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType>				
Name	Type	Data Type	Use	Comment
IDPair	element	IDPair	required	

IDPair				
<xs:complexType name="IDPair"> <xs:attribute name="idType" type="xs:string"/> <xs:attribute name="operald" type="xs:long"/> <xs:attribute name="externalld" type="xs:string"/> </xs:complexType>				
Name	Type	Data Type	Use	Comment
idType	attribute	string		
operald	attribute	long		
externalld	attribute	string		

ResultStatusFlag				
<xs:simpleType name="ResultStatusFlag"> <xs:restriction base="xs:string"> <xs:enumeration value="FAIL"/> <xs:enumeration value="SUCCESS"/> </xs:restriction> </xs:simpleType>				

GDSError				
<xs:complexType name="GDSError"> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="errorCode" type="xs:string" use="required"/> <xs:attribute name="elementId" type="xs:string" use="required"/> </xs:extension> </xs:simpleContent> </xs:complexType>				
Name	Type	Data Type	Use	Comment
errorCode	attribute	string	required	
elementId	attribute	long	required	

FetchBookingForPointUpdate

FetchBookingForPointUpdateRequest

Insert message here

FetchBookingForPointUpdateRequest				
<xs:element name="FetchBookingForPointUpdateRequest"> <xs:complexType> <xs:sequence>				

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<pre> <xs:element name="HotelReference" type="hc:HotelReference"/> </xs:sequence> </xs:complexType> </xs:element> </pre>				
Name	Type	Data Type	Use	Comment
HotelReference	element	HotelReference	required	

FetchBookingForPointUpdateResponse

Insert message here

FetchBookingForPointUpdateResponse				
<pre> <xs:element name="FetchBookingForPointUpdateResponse"> <xs:complexType> <xs:sequence> <xs:element name="Result" type="hc:GDSResultStatus"/> <xs:element name="HotelReservation" type="r:HotelReservation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>				
Name	Type	Data Type	Use	Comment
Result	element	GDSResultStatus	required	
HotelReservation	element	HotelReservation	required	

FetchBookedPackages

FetchBookedPackagesRequest

```

<?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="7619" timeStamp="2006-03-02T19:05:04.4531250+01:00"
  xmlns="http://webservices.micros.com/og/4.3/Core/">
            <Origin entityID="OWS" systemType="WEB"/>
            <Destination entityID="OWS" systemType="ORS"/>
        </OGHeader>
    </soap:Header>
    <soap:Body>
        <FetchBookedPackagesRequest
  xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
            <HotelReference chainCode="000" hotelCode="TEMPLATE"/>
            <ConfirmationNumber type="INTERNAL">4488847</ConfirmationNumber>
        </FetchBookedPackagesRequest>
    </soap:Body>
</soap:Envelope>

```

FetchBookedPackagesRequest				
<pre><xs:element name="FetchBookedPackagesRequest"> <xs:complexType> <xs:sequence> <xs:element name="HotelReference" type="hc:HotelReference"/> <xs:element name="ConfirmationNumber" type="c:UniqueID"/> <xs:element name="LegNumber" type="c:UniqueID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>				
Name	Type	Data Type	Use	Comment
HotelReference	element	HotelReference	required	The hotel details for which the booking is made
ConfirmationNumber	element	UniqueID	required	Already existing INTERNAL confirmation number
LegNumber	element	UniqueID	optional	Already existing INTERNAL leg confirmation number

FetchBookedPackagesResponse

```
<?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="7619" timeStamp="2006-03-02T19:05:04.4531250+01:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="OWS" systemType="ORS"/>
      <Destination entityID="OWS" systemType="WEB"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <FetchBookedPackagesResponse
      xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <BookedPackageList>
        <PackageDetails packageCode="BRK" calculationRule="A" postingRhythm="D"
          xmlns="http://webservices.micros.com/og/4.3/HotelCommon/">
          <Amount currencyCode="EUR">7.24</Amount>
          <Description>
            <Text xmlns="http://webservices.micros.com/og/4.3/Common/">
              <Text>BREAKFAST</Text>
            </Text>
          </Description>
          <ValidDates>
            <StartDate>2006-03-02T00:00:00.0000000+01:00</StartDate>
          </ValidDates>
          <TotalAmount currencyCode="EUR">17.02</TotalAmount>
          <Quantity>2</Quantity>
        </PackageDetails>
      </BookedPackageList>
    </FetchBookedPackagesResponse>
  </soap:Body>
</soap:Envelope>
```


FetchBookedPackagesResponse

```
<xs:element name="FetchBookedPackagesResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Result" type="hc:GDSResultStatus"/>
      <xs:element name="BookedPackageList" type="hc:PackageDetailList" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

Name	Type	Data Type	Use	Comment
Result	element	GDSResultStatus	required	The result status indicating SUCCESS or FAIL
BookedPackageList	element	PackageDetailList	required	A list of package details

PackageDetailList

```
<xs:complexType name="PackageDetailList">
  <xs:sequence>
    <xs:element name="PackageDetails" type="PackageDetail" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
PackageDetails	element	PackageDetail	required	

PackageDetail

```
<xs:complexType name="PackageDetail">
  <xs:complexContent>
    <xs:extension base="PackageElement">
      <xs:sequence minOccurs="0">
        <xs:element name="ValidDates" type="TimeSpan" minOccurs="0"/>
        <xs:element name="TotalAmount" type="c:Amount" minOccurs="0"/>
        <xs:element name="Quantity" type="xs:int" minOccurs="0"/>
        <xs:element name="RateCode" type="xs:string" minOccurs="0"/>
        <xs:element name="TaxAmount" type="c:Amount" minOccurs="0"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
ValidDates	element	TimeSpan	required	Package start date
TotalAmount	element	Amount	required	Total amount for the packages
Quantity	element	int	required	Number of booked packages
RateCode	element	string	optional	
TaxAmount	element	Amount	optional	

PackageElement

```
<xs:complexType name="PackageElement">
  <xs:sequence>
    <xs:element name="Amount" type="c:Amount"/>
    <xs:element name="Description" type="c:DescriptiveText" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute name="packageCode" type="xs:string" use="required"/>
  <xs:attribute name="calculationRule" type="xs:string" use="optional"/>
  <xs:attribute name="postingRhythm" type="xs:string" use="optional"/>
</xs:complexType>
```

Name	Type	Data Type	Use	Comment
Amount	element	Amount	required	Amount for a single package
Description	element	DescriptiveText	required	Package Description
packageCode	attribute	string	required	Package code
calculationRule	attribute	string	required	
postingRhythm	attribute	string	required	

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TimeSpan				
<pre><xs:complexType name="TimeSpan" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:sequence> <xs:element name="StartDate" type="xs:dateTime" /> <xs:choice> <xs:element name="EndDate" type="xs:dateTime" /> <xs:element name="Duration" type="xs:duration" /> </xs:choice> </xs:sequence> </xs:complexType></pre>				
Name	Type	Data Type	Use	Comment
StartDate	element	dateTime	required	The arrival date of the subject RoomStay.
EndDate	element	dateTime	required	The departure date of the subject RoomStay.
Duration	element	duration	not used	Reserved for future use.

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

UpdatePackages

UpdatePackagesRequest

```
<?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="1360" timeStamp="2006-03-02T18:59:55.6406250+01:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="OWS" systemType="WEB"/>
      <Destination entityID="OWS" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <UpdatePackagesRequest
      xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
      <HotelReference chainCode="000" hotelCode="TEMPLATE"/>
      <ConfirmationNumber type="INTERNAL">4488847</ConfirmationNumber>
      <ProductCode>BRK</ProductCode>
      <Quantity>2</Quantity>
    </UpdatePackagesRequest>
  </soap:Body>
</soap:Envelope>
```

UpdatePackagesRequest

```
<xs:element name="UpdatePackagesRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="HotelReference" type="hc:HotelReference"/>
      <xs:element name="ConfirmationNumber" type="c:UniqueID"/>
      <xs:element name="LegNumber" type="c:UniqueID" minOccurs="0"/>
      <xs:element name="ProductCode" type="xs:string"/>
      <xs:element name="Quantity" type="xs:int"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

Name	Type	Data Type	Use	Comment
HotelReference	element	HotelReference	required	The hotel details for which the booking is made
ConfirmationNumber	element	UniqueID	required	Already existing INTERNAL confirmation number
LegNumber	element	UniqueID	optional	Already existing INTERNAL leg confirmation number
ProductCode	element	string	required	The package code to add/update
Quantity	element	int	required	The number of packages to add/update

UpdatePackagesResponse

```
<?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="1360" timeStamp="2006-03-02T18:59:55.6406250+01:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="OWS" systemType="ORS"/>
      <Destination entityID="OWS" systemType="WEB"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <UpdatePackagesResponse
      xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
      <BookedPackageList>
        <PackageDetails packageCode="BRK" calculationRule="A" postingRhythm="D"
          xmlns="http://webservices.micros.com/og/4.3/HotelCommon/">
          <Amount currencyCode="EUR">4.26</Amount>
          <Description>
            <Text xmlns="http://webservices.micros.com/og/4.3/Common/">
              <Text>BREAKFAST</Text>
            </Text>
          </Description>
          <ValidDates>
            <StartDate>2006-03-02T00:00:00.0000000+01:00</StartDate>
          </ValidDates>
          <TotalAmount currencyCode="EUR">10</TotalAmount>
          <Quantity>2</Quantity>
        </PackageDetails>
      </BookedPackageList>
    </UpdatePackagesResponse>
```

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```

</soap:Body>
</soap:Envelope>

```

UpdatePackagesResponse

```

<xs:element name="FetchBookedPackagesResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Result" type="hc:GDSResultStatus"/>
      <xs:element name="BookedPackageList" type="hc:PackageDetailList" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comment
Result	element	GDSResultStatus	required	The result status indicating SUCCESS or FAIL
BookedPackageList	element	PackageDetailList	required	A list of package details

DeletePackages**DeletePackagesRequest**

```

<?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="194180" timeStamp="2006-03-02T19:25:09.9375000+01:00"
      xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="OWS" systemType="WEB"/>
      <Destination entityID="OWS" systemType="ORS"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <DeletePackagesRequest
      xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
      <HotelReference chainCode="000" hotelCode="TEMPLATE"/>
      <ConfirmationNumber type="INTERNAL">4488847</ConfirmationNumber>
      <ProductCode>BRK</ProductCode>
    </DeletePackagesRequest>
  </soap:Body>
</soap:Envelope>

```

DeletePackagesRequest

```

<xs:element name="DeletePackagesRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="HotelReference" type="hc:HotelReference"/>
      <xs:element name="ConfirmationNumber" type="c:UniqueID"/>
      <xs:element name="LegNumber" type="c:UniqueID" minOccurs="0"/>
      <xs:element name="ProductCode" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comment
HotelReference	element	HotelReference	required	The hotel details for which the booking is made

ConfirmationNumber	element	UniqueID	required	Already existing INTERNAL confirmation number
LegNumber	element	UniqueID	optional	Already existing INTERNAL leg confirmation number
ProductCode	element	string	required	

DeletePackagesResponse

```
<?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="194180" timeStamp="2006-03-02T19:25:09.9375000+01:00"
xmlns="http://webservices.micros.com/og/4.3/Core/">
      <Origin entityID="OWS" systemType="ORS"/>
      <Destination entityID="OWS" systemType="WEB"/>
    </OGHeader>
  </soap:Header>
  <soap:Body>
    <DeletePackagesResponse
xmlns="http://webservices.micros.com/ows/5.1/Reservation.wsdl">
      <Result resultStatusFlag="SUCCESS"/>
    </DeletePackagesResponse>
  </soap:Body>
</soap:Envelope>
```

DeletePackagesResponse				
<xs:element name="DeletePackagesResponse"> <xs:complexType> <xs:sequence> <xs:element name="Result" type="hc:GDSResultStatus"/> </xs:sequence> </xs:complexType> </xs:element>				
Name	Type	Data Type	Use	Comment
Result	element	GDSResultStatus	required	The result status indicating SUCCESS or FAIL
BookedPackageList	element	PackageDetailList	required	A list of package details