

**Oracle® Hospitality OPERA Electronic
Distribution Systems (OEDS)**
Activity Extension Web Service Specifications
Version 5.1

January 2018

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Preface

The objective of this document is to depict how the HTNG Activity Extension Service messages function as an extension of Opera HTNG 20008B. The service allows for HTNG vendors to update room statuses as well as generate housekeeping task sheets. In this document, you will find the necessary information to develop custom applications that interact with the HTNG Activity Extension Service functionality through the programming language of your choice. This document also breaks-down the available complex and simple element types for the web service.

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

Audience

This document is intended for those developing custom applications that interact with HTNG Activity Extension Services messages functionality.

Customer Support

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When contacting Customer Support, please provide the following:

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

Documentation

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

Revision History

Date	Description of Change
2009	<ul style="list-style-type: none">• Initial publication.
2010	<ul style="list-style-type: none">• 183264 — FetchProductItems function added along with its simple and complex types and message samples.
2011	<ul style="list-style-type: none">• 194714 — GuestStatusNotificationExt web function added along with sample messages.
2011	<ul style="list-style-type: none">• 201870 — CheckIn and FetchRoomStatus web functions and message samples added.

2011	<ul style="list-style-type: none">• 207254 – FetchBookedPackages function and Request and Response messages added.
2011	<ul style="list-style-type: none">• 207253 – GuestCount, GuestCountList and Transportation elements added.
2011	<ul style="list-style-type: none">• 207255 – GuestStatusNotificationExt and FetchReservationExt have a new collection for AccompanyGuests.
2012	<ul style="list-style-type: none">• 217881 – RoomStatusUpdateBE and QueueRoomBE functions added as well as message samples.
2012	<ul style="list-style-type: none">• Update document format.
2018	<ul style="list-style-type: none">• Rebrand and update document format.

1 Overall Architecture

The interface is provided as a Web service, utilizing standard SOAP calls. All transactions initiate as a request from the corporate or property web site, and a response is supplied by the Web Service. The Web Service runs under Windows IIS and requires that Microsoft .NET version 2.0 or later is installed.

2 Functional Overview

The following functions are currently provided through the HTNG Activity Extension Service:

Function	Description
CheckIn	Checks in the reservation.
FetchBookedPackages	Retrieves the list of packages and package groups attached to a reservation.
FetchHouseKeepingTask	Generates and fetches the housekeeping task sheets.
FetchLov	Fetches the LOV.
FetchProductItems	Fetches all package groups, package codes, Item groups and items and returns them in the response.
FetchReservationExt	Fetches a reservation by reservation name ID and resort.
FetchRoomStatus	Fetches the room status by room number.
GuestStatusNotificationExt	Sends reservation and package updates to the external system.
QueueRoomBE	Sends the queue room business event data to the HTNG partner.
RoomStatusUpdateBE	Sends the room status update business event data to the HTNG partner.
UpdateRoomStatus	Updates the house keeping room status for a particular room.

3 CheckIn

Check in the reservation.

Soap Action: <http://webservic.es.micr os.com/htng/2008B/SingleGuestItinerary#CheckIn>.

CheckInRequest

```
<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservic.es.micr os.com/htng/2008B/Single
GuestItinerary#CheckIn</wsa:Action>
    <wsa:From>
      <wsa:Address>uri:KABA</wsa:Address>
    </wsa:From>
    <wsa:MessageID>urn:uuid:09a2b665-41d0-4654-b49d-
86e7d437e371</wsa:MessageID>
    <wsa:ReplyTo>
      <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressi
ng/role/anonymous</wsa:Address>
    </wsa:ReplyTo>
    <wsa:To>http://www.micr os.com/HTNGActivity/</wsa:To>
    <wsse:Security soap:mustUnderstand="1">
      <wsu:Timestamp wsu:Id="Timestamp-fbd379f8-e4b5-
4219-a498-85cfefb9afa5">
        <wsu:Created>2009-10-
12T15:54:03Z</wsu:Created>
        <wsu:Expires>2029-02-
28T15:59:03Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" wsu:Id="SecurityToken-35e70b4f-
57e8-4ebf-b9e2-eaf8269587f2">
        <wsse:Username>COMPANY</wsse:Username>
        <wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">COMPANY</wsse:Password>
        <wsse:Nonce>uDadzPR82LbKhc4a9hWwLg==</wsse:Nonce>
        <wsu:Created>2007-02-
28T15:54:03Z</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
    <CheckInRequest xmlns="">
      <ReservationID>1234567890</ReservationID>
      <ClientReferenceNumber>ABCDEF</ClientReferenceNumber>
      <CompanyCode>123456789</CompanyCode>
      <CheckInDate>2009-10-12T15:54:03Z</CheckInDate>
      <CheckInTime>15:54:03Z</CheckInTime>
    </CheckInRequest>
  </soap:Body>
</soap:Envelope>
```

```

        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <p1:CheckInRequest
xmlns:p1="http://webservicess.micross.com/htng/2008B/SingleGuestIti
nerary/Reservation/Types"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://webservicess.micross.com/htng/2008B/Sing
leGuestItinerary/Reservation/Types">
            <ReservationID
source="RESV_NAME_ID">2182169</ReservationID>
            <ResortId>CASINO</ResortId>
            <RoomNumber>5002</RoomNumber>
        </p1:CheckInRequest>
    </soap:Body>
</soap:Envelope>

```

CheckInRequest

```

<xs:element name="CheckInRequest">
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
name="ReservationID"
xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary
/Common/Types" type="q1:UniqueID" />
            <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
name="ResortId" type="xs:string" />
            <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
name="RoomNumber" type="xs:string" />
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
ReservationID	element	UniqueID	optional	The reservation ID.
ResortId	element	string	optional	The resort ID.
RoomNumber	element	string	optional	The room number.

CheckInResponse

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
    <soap:Header>
        <wsa:Action>http://webservicess.micross.com/htng/2008B/Single
GuestItinerary#CheckInResponse</wsa:Action>

```

```

        <wsa:MessageID>urn:uuid:20136a66-bbbe-42f1-beb2-
444d2115cd31</wsa:MessageID>
        <wsa:RelatesTo>urn:uuid:09a2b665-41d0-4654-b49d-
86e7d437e371</wsa:RelatesTo>

        <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/ro
le/anonymous</wsa:To>
        <wsse:Security>
            <wsu:Timestamp wsu:Id="Timestamp-3fe54a2d-d817-
49be-8718-a00a9136f1aa">
                <wsu:Created>2011-07-
18T18:00:09Z</wsu:Created>
                <wsu:Expires>2011-07-
18T18:05:09Z</wsu:Expires>
            </wsu:Timestamp>
        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <CheckInResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Reservation/Types">
            <Result resultStatusFlag="SUCCESS" xmlns=""/>
        </CheckInResponse>
    </soap:Body>
</soap:Envelope>

```

CheckInResponse

```

<xs:element name="CheckInResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
name="Result"
xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary
/Common/Types" type="q1:ResultStatus" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	Indicates the success or failure of the called function.

4 FetchBookedPackages

Retrieves the list of packages and package groups attached to a reservation.

Soap Action:

<http://webservices.micros.com/htng/2008B/SingleGuestItinerary#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"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
  xmlns:wssse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/SingleGuestItinerary#FetchBookedPackages</wsa:Action>
    <wsa:From>
      <wsa:Address>uri:COMPANY</wsa:Address>
    </wsa:From>
    <wsa:MessageID>urn:uuid:671bd224-f871-45de-915a-d62fe3a370de</wsa:MessageID>
    <wsa:ReplyTo>
      <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:Address>
    </wsa:ReplyTo>
    <wsa:To>http://www.micros.com/HTNGActivity/</wsa:To>
    <wssse:Security soap:mustUnderstand="1">
      <wsu:Timestamp wsu:Id="Timestamp-f73b7eef-520b-4086-b34c-511b7390bfdb">
        <wsu:Created>2011-09-06T20:02:24Z</wsu:Created>
        <wsu:Expires>2014-09-06T20:07:24Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken
        xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
        wsu:Id="SecurityToken-be9e7ae3-6b8d-4975-b16a-af8471b03654">
        <wsse:Username>COMPANY</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">COMPANY</wsse:Password>
        <wsse:Nonce>pAPcZIvoIyrB8g4vXmE7rA==</wsse:Nonce>
        <wsu:Created>2011-09-06T20:02:24Z</wsu:Created>
      </wsse:UsernameToken>
    </wssse:Security>
  </soap:Header>
  <soap:Body>
  </soap:Body>
</soap:Envelope>
```

```

        </wsse:UsernameToken>
    </wsse:Security>
</soap:Header>
<soap:Body>
    <FetchBookedPackagesRequest
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Reservation/Types">
        <ReservationID source="OPERA"
xmlns="">12240673</ReservationID>
        <ResortId xmlns="">CASINO</ResortId>
        <ReturnAmountInPropertyCurrency
xmlns="">true</ReturnAmountInPropertyCurrency>
    </FetchBookedPackagesRequest>
</soap:Body>
</soap:Envelope>

```

FetchBookedPackagesRequest

```

<xs:element name="FetchBookedPackagesRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
name="ReservationID"
xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/
Common/Types" type="q1:UniqueID" />
      <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
name="ResortId" type="xs:string" />
      <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
name="ChainCode" type="xs:string" />
      <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
name="ReturnAmountInPropertyCurrency" type="xs:boolean"
/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
ReservationID	element	UniqueID	optional	The reservation ID.
ResortId	element	string	optional	The resort ID.
ChainCode	element	string	optional	The chain code.
ReturnAmountInPropertyCurrency	element	boolean	optional	Indicates if the return amount will be in the property currency.

FetchBookedPackagesResponse

```

<soap:Envelope
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing">

```

```

xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/Single
GuestItinerary#FetchBookedPackagesResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:a461395e-94bc-4a84-92be-
fe79bf72f4c8</wsa:MessageID>
    <wsa:RelatesTo>urn:uuid:671bd224-f871-45de-915a-
d62fe3a370de</wsa:RelatesTo>

    <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/ro
le/anonymous</wsa:To>
    <wsse:Security>
      <wsu:Timestamp wsu:Id="Timestamp-b65d5280-521c-
4dc4-86af-68c4ff8f1b37">
        <wsu:Created>2011-09-
12T13:35:26Z</wsu:Created>
        <wsu:Expires>2011-09-
12T13:40:26Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
    <FetchBookedPackagesResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Reservation/Types">
      <Result resultStatusFlag="SUCCESS" xmlns=""/>
      <BookedPackageList xmlns="">
        <PackageDetail
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s">
          <PackageInfo packageCode="BRE"
calculationRule="P" postingRhythm="D">
            <Amount
currencyCode="USD">10</Amount>
            <Description>
              <Text>

                <TextElement>Breakfast</TextElement>
              </Text>
            </Description>
            <ShortDescription>
              <Text>

                <TextElement>Breakfast</TextElement>
              </Text>
            </ShortDescription>
          </PackageInfo>
          <ExpectedCharges>
            <PackageCharge>

              <PackageCode>BRE</PackageCode>
            </ValidDates>
              <Start>2011-08-
23T00:00:00</Start>

```

```

                <End>2011-08-
23T00:00:00</End>
                </ValidDates>
                <UnitAmount
currencyCode="USD">10</UnitAmount>
                <Quantity>1</Quantity>
                <Tax
currencyCode="USD">0</Tax>
                <TotalAmount
currencyCode="USD">10</TotalAmount>
                <RateCode>CABANA</RateCode>
                </PackageCharge>
                </ExpectedCharges>
                </PackageDetail>
                <PackageDetail
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">
                <PackageInfo packageCode="FRUIT"
calculationRule="F" postingRhythm="D">
                <Amount
currencyCode="USD">20</Amount>
                <Description>
                <Text>
                <TextElement>Fruit</TextElement>
                </Text>
                </Description>
                </PackageInfo>
                <ExpectedCharges>
                <PackageCharge>
                <PackageCode>FRUIT</PackageCode>
                <ValidDates>
                <Start>2011-08-
23T00:00:00</Start>
                <End>2011-08-
23T00:00:00</End>
                </ValidDates>
                <UnitAmount
currencyCode="USD">20</UnitAmount>
                <Quantity>1</Quantity>
                <Tax
currencyCode="USD">0</Tax>
                <TotalAmount
currencyCode="USD">20</TotalAmount>
                </PackageCharge>
                </ExpectedCharges>
                </PackageDetail>
                </BookedPackageList>
                </FetchBookedPackagesResponse>
            </soap:Body>
        </soap:Envelope>

```

FetchBookedPackagesResponse

```
<xs:element name="FetchBookedPackagesResponse">
```

```

<xs:complexType>
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="Result"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary
        /Common/Types" type="q1:ResultStatus" />
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="BookedPackageList"
      xmlns:q2="http://htng.org/PWS/2008B/SingleGuestItinerary
        /Common/Types" type="q2:ArrayOfPackageDetail" />
  </xs:sequence>
</xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	Indicates the success or failure of the called function.
BookedPackageList	element	ArrayOfPackageDetail	optional	A list of package details.

5 FetchHouseKeepingTask

Generates and fetches the housekeeping task sheets.

Soap Action:

http://webservices.micros.com/htng/2008B/SingleGuestItinerary#FetchHouseKeepingTask

FetchHouseKeepingTaskRequest

```
<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/Single
GuestItinerary#FetchHouseKeepingTask</wsa:Action>
    <wsa:From>
      <wsa:Address>urn:COMPANY</wsa:Address>
    </wsa:From>
    <wsa:MessageID>urn:uuid:09a2b665-41d0-4654-b49d-
86e7d437e371</wsa:MessageID>
    <wsa:ReplyTo>
      <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressi
ng/role/anonymous</wsa:Address>
    </wsa:ReplyTo>
    <wsa:To>http://www.micros.com/HTNGActivity/</wsa:To>
    <wsse:Security soap:mustUnderstand="1">
      <wsu:Timestamp wsu:Id="Timestamp-fbd379f8-e4b5-
4219-a498-85cfefb9afa5">
        <wsu:Created>2009-10-
12T15:54:03Z</wsu:Created>
        <wsu:Expires>2029-02-
28T15:59:03Z</wsu:Expires>
        </wsu:Timestamp>
        <wsse:UsernameToken
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" wsu:Id="SecurityToken-35e70b4f-
57e8-4ebf-b9e2-eaf8269587f2">
          <wsse:Username>COMPANY</wsse:Username>
          <wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">COMPANY</wsse:Password>
          <wsse:Nonce>uDadzPR82LbKhc4a9hWwLg==</wsse:Nonce>
          <wsu:Created>2007-02-
28T15:54:03Z</wsu:Created>
```

```

        </wsse:UsernameToken>
    </wsse:Security>
</soap:Header>
<soap:Body>
    <FetchHouseKeepingTaskRequest
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types">
        <ResortId>CASINO</ResortId>
        <GenerateTask>true</GenerateTask>
        <NoOfAttendants>1</NoOfAttendants>
        <TaskCode>111</TaskCode>
        <RoomStatus>Dirty</RoomStatus>
        <RoomStatus>Clean</RoomStatus>
        <RoomStatus>Inspected</RoomStatus>
        <RoomStatus>Pickup</RoomStatus>
        <RoomStatus>OutOfOrder</RoomStatus>
        <RoomStatus>OutOfService</RoomStatus>
        <FOStatus>Vacant</FOStatus>
        <FOStatus>Occupied</FOStatus>
        <SortBy>ROOM</SortBy>
        <MaxCredit>1</MaxCredit>
        <TaskInstruction>This is the Task
Instruction</TaskInstruction>
        <EmployeeInstruction>This is the Employee
Instruction</EmployeeInstruction>
        <RoomInstruction>This is the Room
Instruction</RoomInstruction>
        <DayOrEvening>Day</DayOrEvening>
        <VIPCodesToExclude>NONE</VIPCodesToExclude>
        <ExcludeCheckOutDateTimeRange>
            <Start
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">2006-09-10T15:54:03Z</Start>
            <End
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">2006-09-11T15:54:03Z</End>
        </ExcludeCheckOutDateTimeRange>
        <ResvStatus>StayOver</ResvStatus>
        <ResvStatus>Arrived</ResvStatus>
        <ResvStatus>DueOut</ResvStatus>
        <ResvStatus>Departed</ResvStatus>
        <ResvStatus>Arrival</ResvStatus>
        <ResvStatus>DayUse</ResvStatus>
        <ResvStatus>NotReserved</ResvStatus>
        <IncludeVipOnly>true</IncludeVipOnly>
        <ExcludeOwnerRoom>true</ExcludeOwnerRoom>

        <ExcludeOwnerOccupiedRoom>true</ExcludeOwnerOccupiedRoom>
        <FetchDate>2006-09-10T15:54:03Z</FetchDate>
    </FetchHouseKeepingTaskRequest>
</soap:Body>
</soap:Envelope>

```

FetchHouseKeepingTaskRequest

```

<xs:element name="FetchHouseKeepingTaskRequest">
    <xs:complexType>

```

```

<xs:sequence>
  <xs:element minOccurs="0" maxOccurs="1" name="ResortId"
    type="xs:string" />
  <xs:element minOccurs="1" maxOccurs="1"
    name="GenerateTask" type="xs:boolean" />
  <xs:element minOccurs="0" maxOccurs="1"
    name="NoOfAttendants" type="xs:integer" />
  <xs:element minOccurs="0" maxOccurs="1" name="TaskCode"
    type="xs:string" />
  <xs:element minOccurs="0" maxOccurs="unbounded"
    name="RoomStatus"
    xmlns:q1="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types"
    type="q1:TaskRoomStatusType" />
  <xs:element minOccurs="0" maxOccurs="unbounded"
    name="FOStatus"
    xmlns:q2="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types"
    type="q2:FOStatusType" />
  <xs:element minOccurs="0" maxOccurs="1" name="SortBy"
    xmlns:q3="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types"
    type="q3:SortByType" />
  <xs:element minOccurs="0" maxOccurs="1" name="MaxCredit"
    type="xs:double" />
  <xs:element minOccurs="0" maxOccurs="1"
    name="TaskInstruction" type="xs:string" />
  <xs:element minOccurs="0" maxOccurs="1"
    name="RoomInstruction" type="xs:string" />
  <xs:element minOccurs="0" maxOccurs="1"
    name="DayOrEvening"
    xmlns:q4="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types"
    type="q4:DayOrEveningType" />
  <xs:element minOccurs="0" maxOccurs="unbounded"
    name="VIPCodesToExclude" type="xs:string" />
  <xs:element minOccurs="0" maxOccurs="1"
    name="ExcludeCheckOutDateTimeRange"
    xmlns:q5="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types"
    type="q5:TimeSpan" />
  <xs:element minOccurs="0" maxOccurs="unbounded"
    name="ResvStatus"
    xmlns:q6="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types"
    type="q6:HKReservationStatusType" />
  <xs:element minOccurs="0" maxOccurs="1"
    name="IncludeVipOnly" type="xs:boolean" />
  <xs:element minOccurs="0" maxOccurs="1"
    name="ExcludeOwnerRoom" type="xs:boolean" />
  <xs:element minOccurs="0" maxOccurs="1"
    name="ExcludeOwnerOccupiedRoom" type="xs:boolean" />
  <xs:element minOccurs="0" maxOccurs="1" name="FetchDate"
    type="xs:dateTime" />
</xs:sequence>
</xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
ResortId	element	string	optional	The resort ID.
GenerateTask	element	boolean	required	True indicates that the task has been generated.
NoOfAttendants	element	integer	optional	The number of attendants.
TaskCode	element	string	optional	The task code.
RoomStatus	element	TaskRoomStatus Type	optional / multiple	The status of the room.
FOStatus	element	FOStatusType	optional / multiple	Front office status type. Possible values are "Vacant" or "Occupied."
SortBy	element	SortByType	optional	Type on which output needs to be sorted.
MaxCredit	element	double	optional	The maximum credit value.
TaskInstruction	element	string	optional	The task instructions.
RoomInstruction	element	string	optional	The room instructions.
DayOrEvening	element	DayOrEveningType	optional	The Day or Evening type.
VIPCodesToExclude	element	string	optional / multiple	A list of the VIP codes to exclude, if any.
ExcludeCheckOutDateTimeRange	element	TimeSpan	optional	The time span for the exclusion of the checkout date.
ResvStatus	element	HKReservationStatusType	optional / multiple	The house keeping reservation status type.
IncludeVipOnly	element	boolean	optional	True indicates only the VIP is included.
ExcludeOwnerRoom	element	boolean	optional	True indicates the owner room has been excluded.

Name	Type	Data Type	Use	Comments
ExcludeOwnerOccupiedRoom	element	boolean	optional	True indicates the owner occupied room has been excluded.
FetchDate	element	dateTime	optional	The date the request was made.

FetchHouseKeepingTaskResponse

```
<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/SingleGuestItinerary#FetchHouseKeepingTaskResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:02403793-6dd9-4d24-9788-494739bc41af</wsa:MessageID>
    <wsa:RelatesTo>urn:uuid:09a2b665-41d0-4654-b49d-86e7d437e371</wsa:RelatesTo>
    <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:To>
    <wsse:Security>
      <wsu:Timestamp wsu:Id="Timestamp-6b47f5f4-6267-4a9e-8d25-58eedf6ba34">
        <wsu:Created>2009-11-10T14:40:04Z</wsu:Created>
        <wsu:Expires>2009-11-10T14:45:04Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
    <FetchHouseKeepingTaskResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types">
      <TaskSheets>
        <TaskSheetHeader>
          <TaskDate>2006-09-10T00:00:00</TaskDate>
          <TaskCode>111</TaskCode>
          <TaskSheetNumber>1</TaskSheetNumber>
        </TaskSheetHeader>
      </TaskSheets>
    </FetchHouseKeepingTaskResponse>
  </soap:Body>
</soap:Envelope>
```

```

        <TotalRoomsInSheet>1</TotalRoomsInSheet>

        <TotalCreditsInSheet>0</TotalCreditsInSheet>
        <TaskInstruction>This is the Task
Instruction</TaskInstruction>
        <Attendants>

        <AttendantName>One</AttendantName>
        <AttendantId
source="OPERA">1</AttendantId>
        </Attendants>
    </TaskSheetHeader>
    <TasksheetDetails>
        <RoomNumber>0201</RoomNumber>
        <Credit>0</Credit>
    </TasksheetDetails>
</TaskSheets>
    <Result resultStatusFlag="SUCCESS"/>
</FetchHouseKeepingTaskResponse>
</soap:Body>
</soap:Envelope>

```

FetchHouseKeepingTaskResponse

```

<xs:element name="FetchHouseKeepingTaskResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded"
name="TaskSheets"
xmlns:q1="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types"
type="q1:TaskSheetType" />
      <xs:element minOccurs="0" maxOccurs="1" name="Result"
xmlns:q2="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q2:ResultStatus" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
TaskSheets	element	TaskSheetType	optional / multiple	The Task Sheet element that contains the task sheet header and details.
Result	element	ResultStatus	optional	An indication of the success or failure of the called function.

6 FetchLov

Fetches the List of values for given OPERA LOV types.

Soap Action: <http://webservices.micros.com/htng/2008B/SingleGuestItinerary#FetchLov>

FetchLovRequest

```
<?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"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
  xmlns:wss="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/Single
GuestItinerary#FetchLov</wsa:Action>
    <wsa:From>
      <wsa:Address>urn:COMPANY</wsa:Address>
    </wsa:From>
    <wsa:MessageID>urn:uuid:09a2b665-41d0-4654-b49d-
86e7d437e371</wsa:MessageID>
    <wsa:ReplyTo>
      <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressi
ng/role/anonymous</wsa:Address>
    </wsa:ReplyTo>
    <wsa:To>http://www.micros.com/HTNGActivity/</wsa:To>
    <wsse:Security soap:mustUnderstand="1">
      <wsu:Timestamp wsu:Id="Timestamp-fbd379f8-e4b5-
4219-a498-85cfefb9afa5">
        <wsu:Created>2009-10-
12T15:54:03Z</wsu:Created>
        <wsu:Expires>2029-02-
28T15:59:03Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" wsu:Id="SecurityToken-35e70b4f-
57e8-4ebf-b9e2-eaf8269587f2">
        <wsse:Username>COMPANY</wsse:Username>
        <wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">COMPANY</wsse:Password>
        <wsse:Nonce>uDadzPR82LbKhc4a9hWwLg==</wsse:Nonce>
        <wsu:Created>2007-02-
28T15:54:03Z</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
  </soap:Header>
</soap:Body>
```



```

        <FetchLovRequest
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Information/Types"
xmlns:c="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
            <LovIdentifier>VIPLEVEL</LovIdentifier>
        </FetchLovRequest>
    </soap:Body>
</soap:Envelope>

```

FetchLovRequest for TaskCode

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
    <soap:Header>
        <wsa:Action>http://webservices.micros.com/htng/2008B/SingleGuestItinerary#FetchLov</wsa:Action>
        <wsa:From>
            <wsa:Address>urn:COMPANY</wsa:Address>
        </wsa:From>
        <wsa:MessageID>urn:uuid:09a2b665-41d0-4654-b49d-86e7d437e371</wsa:MessageID>
        <wsa:ReplyTo>
            <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:Address>
        </wsa:ReplyTo>
        <wsa:To>http://www.micros.com/HTNGActivity/</wsa:To>
        <wsse:Security soap:mustUnderstand="1">
            <wsu:Timestamp wsu:Id="Timestamp-fbd379f8-e4b5-4219-a498-85cfefb9afa5">
                <wsu:Created>2009-10-12T15:54:03Z</wsu:Created>
                <wsu:Expires>2029-02-28T15:59:03Z</wsu:Expires>
            </wsu:Timestamp>
            <wsse:UsernameToken
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" wsu:Id="SecurityToken-35e70b4f-57e8-4ebf-b9e2-eaf8269587f2">
                <wsse:Username>COMPANY</wsse:Username>
                <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">COMPANY</wsse:Password>
                <wsse:Nonce>uDadzPR82LbKhc4a9hWwLg==</wsse:Nonce>
                <wsu:Created>2007-02-28T15:54:03Z</wsu:Created>
            </wsse:UsernameToken>
        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <FetchLovRequest xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Information/Types" xmlns:c="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
            <LovIdentifier>VIPLEVEL</LovIdentifier>
        </FetchLovRequest>
    </soap:Body>
</soap:Envelope>

```

```

        </wsse:UsernameToken>
    </wsse:Security>
</soap:Header>
<soap:Body>
    <FetchLovRequest
xmlns="http://webservicess.micross.com/htng/2008B/SingleGuestItinerary/Information/Types"
xmlns:c="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
        <LovIdentifier>TASKCODE</LovIdentifier>
    </FetchLovRequest>
</soap:Body>
</soap:Envelope>

```

FetchLovRequest for Room Status Reason

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
    <soap:Header>
        <wsa:Action>http://webservicess.micross.com/htng/2008B/SingleGuestItinerary#FetchLov</wsa:Action>
        <wsa:From>
            <wsa:Address>urn:COMPANY</wsa:Address>
        </wsa:From>
        <wsa:MessageID>urn:uuid:09a2b665-41d0-4654-b49d-86e7d437e371</wsa:MessageID>
        <wsa:ReplyTo>
            <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:Address>
        </wsa:ReplyTo>
        <wsa:To>http://www.micross.com/HTNGActivity/</wsa:To>
        <wsse:Security soap:mustUnderstand="1">
            <wsu:Timestamp wsu:Id="Timestamp-fbd379f8-e4b5-4219-a498-85cfefb9afa5">
                <wsu:Created>2009-10-12T15:54:03Z</wsu:Created>
                <wsu:Expires>2029-02-28T15:59:03Z</wsu:Expires>
            </wsu:Timestamp>
            <wsse:UsernameToken
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" wsu:Id="SecurityToken-35e70b4f-57e8-4ebf-b9e2-eaf8269587f2">
                <wsse:Username>COMPANY</wsse:Username>
                <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">COMPANY</wsse:Password>
            </wsse:UsernameToken>
        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <FetchLovRequest
xmlns="http://webservicess.micross.com/htng/2008B/SingleGuestItinerary/Information/Types"
xmlns:c="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
            <LovIdentifier>TASKCODE</LovIdentifier>
        </FetchLovRequest>
    </soap:Body>
</soap:Envelope>

```

```

        <wsse:Nonce>uDadzPR82LbKhc4a9hWwLg==</wsse:Nonce>
        <wsu:Created>2007-02-
28T15:54:03Z</wsu:Created>
        </wsse:UsernameToken>
    </wsse:Security>
</soap:Header>
<soap:Body>
    <FetchLovRequest
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Information/Types"
xmlns:c="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Ty
pes" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
        <LovIdentifier>ROOMSTATUSREASON</LovIdentifier>
        <LovQueryQualifier
qualifierType="RESORT">CASINO</LovQueryQualifier>
    </FetchLovRequest>
</soap:Body>
</soap:Envelope>

```

FetchLovRequest

```

<xs:element name="FetchLovRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1"
        name="LovIdentifier" type="xs:string" />
      <xs:element minOccurs="0" maxOccurs="unbounded"
        name="LovQueryQualifier"
        xmlns:q1="http://webservices.micros.com/htng/2008B/Singl
eGuestItinerary/Information/Types"
        type="q1:LovQueryQualifierType" />
      <xs:element minOccurs="0" maxOccurs="1" name="Language"
        type="xs:language" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
LovIdentifier	element	string	optional	Identifies the LOV.
LovQueryQualifier	element	LovQueryQualifier Type	optional / multiple	The qualifier type for the LOV query.
Language	element	language	optional	The language.

FetchLovResponse

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing">

```

```

xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/Single
GuestItinerary#FetchLovResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:2474d85d-9694-4977-983f-
98946e61dc7a</wsa:MessageID>
    <wsa:RelatesTo>urn:uuid:09a2b665-41d0-4654-b49d-
86e7d437e371</wsa:RelatesTo>

    <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/ro
le/anonymous</wsa:To>
    <wsse:Security>
      <wsu:Timestamp wsu:Id="Timestamp-f9c53f5d-729e-
4941-8695-3511e56422d4">
        <wsu:Created>2009-11-
09T21:55:45Z</wsu:Created>
        <wsu:Expires>2009-11-
09T22:00:45Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
    <FetchLovResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Information/Types">
      <Result resultStatusFlag="SUCCESS"/>
      <LovQueryResult>
        <LovValue description="Long Term
Guest">1</LovValue>
        <LovValue description="Opportunity
Guest">2</LovValue>
        <LovValue description="Repeat
Guest">3</LovValue>
        <LovValue description="Management
Guest">4</LovValue>
        <LovValue description="Private
Guest">5</LovValue>
        <LovValue description="Corporate
Office">6</LovValue>
        <LovValue description="Local calls
free">VPM</LovValue>
        <LovValue description="Black listed
guest">BLACK</LovValue>
        <LovValue
description="AKDENIZ2">AKD</LovValue>
        <LovValue description="VIP
1">001</LovValue>
        <LovValue
description="Celebrity">CEL</LovValue>
        <LovValue description="create two new
levels: one with 80 characters description and one with more! -
,81">LONGVIPKJH</LovValue>
        <LovValue
description="Test">ONE</LovValue>

```

```
        <LovValue
description="TWO">TWO</LovValue>
        <LovValue
description="THREE">THREE</LovValue>
        <LovValue
description="FOUR">FOUR</LovValue>
        <LovValue
description="FIVE">FIVE</LovValue>
        <LovValue
description="SIX">SIX</LovValue>
        <LovValue
description="SEVEN">SEVEN</LovValue>
        <LovValue
description="EIGHT">EIGHT</LovValue>
        <LovValue
description="NINE">NINE</LovValue>
        <LovValue
description="TEN">TEN</LovValue>
        <LovValue
description="ELEVEN">ELEVEN</LovValue>
        <LovValue
description="TWELVE">TWELVE</LovValue>
        <LovValue
description="THIRTEEN">THIRTEEN</LovValue>
        <LovValue
description="FOURTEEN">FOURTEEN</LovValue>
        <LovValue
description="FIFTEEN">FIFTEEN</LovValue>
        <LovValue
description="SIXTEEN">SIXTEEN</LovValue>
        <LovValue
description="SEVENTEEN">SEVENTEEN</LovValue>
        <LovValue
description="EIGHTEEN">EIGHTEEN</LovValue>
        <LovValue
description="NINETEEN">NINETEEN</LovValue>
        <LovValue
description="TWENTY">TWENTY</LovValue>
        <LovValue
description="TWENTY1">TWENTY1</LovValue>
        <LovValue
description="22">TWENTY2</LovValue>
        <LovValue
description="23">TWENTY3</LovValue>
        <LovValue
description="24">TWENTY4</LovValue>
        <LovValue
description="25">TWENTY5</LovValue>
        <LovValue
description="26">TWENTY6</LovValue>
        <LovValue
description="27">TWENTY7</LovValue>
        <LovValue description="28">28</LovValue>
        <LovValue description="29">29</LovValue>
        <LovValue description="30">30</LovValue>
        <LovValue description="31">31</LovValue>
        <LovValue description="32">32</LovValue>
```

```

        <LovValue description="33">33</LovValue>
        <LovValue description="34">34</LovValue>
        <LovValue description="35">35</LovValue>
        <LovValue description="36">36</LovValue>
        <LovValue description="37">37</LovValue>
        <LovValue description="38">38</LovValue>
        <LovValue description="39">39</LovValue>
        <LovValue description="40">40</LovValue>
        <LovValue description="41">41</LovValue>
        <LovValue description="42">42</LovValue>
        <LovValue description="43">43</LovValue>
        <LovValue description="44">44</LovValue>
        <LovValue description="45">45</LovValue>
        <LovValue description="46">46</LovValue>
        <LovValue description="47">47</LovValue>
        <LovValue description="48">48</LovValue>
        <LovValue description="49">49</LovValue>
        <LovValue description="50">50</LovValue>
        <LovValue description="51">51</LovValue>
        <LovValue description="52">52</LovValue>
        <LovValue description="53">53</LovValue>
        <LovValue description="54">54</LovValue>
        <LovValue description="55">55</LovValue>
        <LovValue description="56">56</LovValue>
        <LovValue description="57">57</LovValue>
        <LovValue description="58">58</LovValue>
        <LovValue description="59">59</LovValue>
        <LovValue description="60">60</LovValue>
    </LovQueryResult>
</FetchLovResponse>
</soap:Body>
</soap:Envelope>

```

FetchLovResponse for TaskCode

```

<?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"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
  xmlns:wss="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/SingleGuestItinerary#FetchLovResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:45691723-7e49-451f-85ba-1f6da3b82276</wsa:MessageID>
    <wsa:RelatesTo>urn:uuid:09a2b665-41d0-4654-b49d-86e7d437e371</wsa:RelatesTo>
  </soap:Header>
  <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:To>

```

```

        <wsse:Security>
            <wsu:Timestamp wsu:Id="Timestamp-71a505b9-785b-
4905-a438-ff66dd63dcb1">
                <wsu:Created>2009-11-
10T13:24:21Z</wsu:Created>
                <wsu:Expires>2009-11-
10T13:29:21Z</wsu:Expires>
            </wsu:Timestamp>
        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <FetchLovResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Information/Types">
            <Result resultStatusFlag="SUCCESS"/>
            <LovQueryResult>
                <LovValue description="Check
plumbing">111</LovValue>
                <LovValue description="Check electrical
issues">112</LovValue>
            </LovQueryResult>
        </FetchLovResponse>
    </soap:Body>
</soap:Envelope>

```

FetchLovResponse for Room Status Reason

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wss="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
    <soap:Header>
        <wsa:Action>http://webservices.micros.com/htng/2008B/Single
GuestItinerary#FetchLovResponse</wsa:Action>
        <wsa:MessageID>urn:uuid:f7a82a7b-6f51-4049-b1f6-
46ca6a7dc9f7</wsa:MessageID>
        <wsa:RelatesTo>urn:uuid:09a2b665-41d0-4654-b49d-
86e7d437e371</wsa:RelatesTo>

        <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/ro
le/anonymous</wsa:To>
        <wsse:Security>
            <wsu:Timestamp wsu:Id="Timestamp-96c4f865-cbf1-
4a8b-bb3e-549a0e004263">
                <wsu:Created>2009-11-
10T13:41:34Z</wsu:Created>
                <wsu:Expires>2009-11-
10T13:46:34Z</wsu:Expires>
            </wsu:Timestamp>

```

```

        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <FetchLovResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Information/Types">
            <Result resultStatusFlag="SUCCESS"/>
            <LovQueryResult>
                <LovValue description="Deep Carpet
Cleaning">DCL</LovValue>
                <LovValue description="General
Maintenance">GEN</LovValue>
                <LovValue description="Television
broken">TV</LovValue>
                <LovValue description="Air
Conditioning">AC</LovValue>
                <LovValue description="Low
Season">LOW</LovValue>
                <LovValue description="Flood in
Room">FLD</LovValue>
                <LovValue description="Hurricane
Damage">HURR</LovValue>
                <LovValue description="t">T</LovValue>
                <LovValue description="Housekeeping
Request">HKP</LovValue>
                <LovValue
description="Maintenance">MNT</LovValue>
                <LovValue description="Odor in
Room">ODR</LovValue>
                <LovValue
description="Renovation">REN</LovValue>
                <LovValue description="Water
Leak">WATER</LovValue>
                <LovValue description="Window
Cleaning">WIN</LovValue>
                <LovValue description="lock not working
correctly">LOCK</LovValue>
                <LovValue description="Telephone not
working">PHONE</LovValue>
                <LovValue description="Fire Detector Not
Functioning">FIRE</LovValue>
                <LovValue description="Plumbing
Issue">PLUMBING</LovValue>
                <LovValue description="bugs reported in
room">BUGS</LovValue>
                <LovValue description="damage - waiting
on repair">DAMAGE</LovValue>
                <LovValue
description="Plumbing">PLM</LovValue>
                <LovValue
description="Painting">PNT</LovValue>
                <LovValue description="Rug
Cleaning">RUG</LovValue>
                <LovValue description="Toilet not
working">TOILET</LovValue>
                <LovValue description="Redesign Bath
Room">BATH</LovValue>

```



```

        </LovQueryResult>
    </FetchLovResponse>
</soap:Body>
</soap:Envelope>

```

FetchLovResponse

```

<xs:element name="FetchLovResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="Result"
        xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary
          /Common/Types" type="q1:ResultStatus" />
      <xs:element minOccurs="0" maxOccurs="unbounded"
        name="LovQueryResult"
        xmlns:q2="http://webservices.micros.com/htng/2008B/Singl
          eGuestItinerary/Information/Types"
        type="q2:LovQueryResultType" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	The primary indication of the success or failure of the called function.
LovQueryResult	element	LovQueryResultT ype	optional / multiple	The LOV query result type.

7 FetchProductItems

Fetches all package groups, package codes, Item groups and items and returns them in the response.

Soap Action:

<http://webservices.micros.com/htng/2008B/SingleGuestItinerary#FetchProductItems>

FetchProductItemsRequest

```
<?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"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
  xmlns:wssse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/SingleGuestItinerary#FetchProductItems</wsa:Action>
    <wsa:From>
      <wsa:Address>urn:COMPANY</wsa:Address>
    </wsa:From>
    <wsa:MessageID>urn:uuid:09a2b665-41d0-4654-b49d-86e7d437e371</wsa:MessageID>
    <wsa:ReplyTo>
      <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:Address>
    </wsa:ReplyTo>
    <wsa:To>http://www.micros.com/HTNGActivity/</wsa:To>
    <wssse:Security soap:mustUnderstand="1">
      <wsu:Timestamp wsu:Id="Timestamp-fbd379f8-e4b5-4219-a498-85cfefb9afa5">
        <wsu:Created>2009-10-12T15:54:03Z</wsu:Created>
        <wsu:Expires>2029-02-28T15:59:03Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken
        xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
        wsu:Id="SecurityToken-35e70b4f-57e8-4ebf-b9e2-eaf8269587f2">
        <wsse:Username>HTNG</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">HTNG</wsse:Password>
        <wsse:Nonce>uDadzPR82LbKhc4a9hWwLg==</wsse:Nonce>
        <wsu:Created>2007-02-28T15:54:03Z</wsu:Created>
      </wsse:UsernameToken>
    </wssse:Security>
  </soap:Header>
  <soap:Body>
  </soap:Body>
</soap:Envelope>
```

```

        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <FetchProductItemsRequest
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Information/Types"
xmlns:c="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Ty
pes">
            <TimeSpan>
                <c:Start>2010-09-24</c:Start>
                <c:End>2010-09-31</c:End>
            </TimeSpan>
            <Language>E</Language>
            <ResortId>CASINO</ResortId>
        </FetchProductItemsRequest>
    </soap:Body>
</soap:Envelope>

```

FetchProductItemsRequest

```

<xs:element name="FetchProductItemsRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="TimeSpan"
        xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary
          /Common/Types" type="q1:TimeSpan" />
      <xs:element minOccurs="0" maxOccurs="1" name="Language"
        type="xs:language" />
      <xs:element minOccurs="0" maxOccurs="1" name="ResortId"
        type="xs:string" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
TimeSpan	element	TimeSpan	optional	The date range of the product items.
Language	element	language	optional	The language.
ResortId	element	string	optional	The resort ID.

FetchProductItemsResponse

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">

```

```

        <soap:Header>
        <wsa:Action>http://webservices.micros.com/htng/2008B/Single
GuestItinerary#FetchProductItemsResponse</wsa:Action>
        <wsa:MessageID>urn:uuid:93d63544-91a2-4761-a749-
8360a40ac558</wsa:MessageID>
        <wsa:RelatesTo>urn:uuid:09a2b665-41d0-4654-b49d-
86e7d437e371</wsa:RelatesTo>

        <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/ro
le/anonymous</wsa:To>
        <wsse:Security>
        <wsu:Timestamp wsu:Id="Timestamp-6bf0a3c0-ab49-
4b55-a7d0-9f31af77c06c">
        <wsu:Created>2010-09-
24T14:40:56Z</wsu:Created>
        <wsu:Expires>2010-09-
24T14:45:56Z</wsu:Expires>
        </wsu:Timestamp>
        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <FetchProductItemsResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Information/Types">
        <Result resultStatusFlag="SUCCESS"/>
        <ProductGroups>
        <PackageGroup groupCode="AWAKEN">
        <Description>
        <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s">
        <TextElement>Breakfast
for Two</TextElement>
        </Text>
        </Description>
        <Packages packageCode="PARK"/>
        <Packages packageCode="RIDE"/>
        </PackageGroup>
        </ProductGroups>
        <Products>
        <Package packageCode="45BREAK"
calculationRule="F" postingRhythm="D" includedInRate="false"
addRateSeperateLine="false" addRateCombinedLine="true"
sellSeparate="false">
        <Description>
        <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s">
        <TextElement>Breakfast</TextElement>
        </Text>
        </Description>
        <ShortDescription>
        <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s">

```

```

        <TextElement>Breakfast</TextElement>
            </Text>
        </ShortDescription>
    </Package>
    <Package packageCode="BKFAST"
calculationRule="F" postingRhythm="D" includedInRate="false"
addRateSeperateLine="false" addRateCombinedLine="true"
sellSeparate="false">
        <Description>
            <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s">
                <TextElement>Full
American Breakfast for 2</TextElement>
            </Text>
        </Description>
        <ShortDescription>
            <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s">
                <TextElement>Breakfast
for 2</TextElement>
            </Text>
        </ShortDescription>
    </Package>
    <Package packageCode="BRKFAST GRAT"
calculationRule="F" postingRhythm="D" includedInRate="false"
addRateSeperateLine="false" addRateCombinedLine="true"
sellSeparate="false">
        <Description>
            <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s">
                <TextElement>Gratuity
on Breakfast</TextElement>
            </Text>
        </Description>
        <ShortDescription>
            <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s">
                <TextElement>Gratuity
on Breakfast</TextElement>
            </Text>
        </ShortDescription>
    </Package>
    <Package packageCode="BRKFST TAX"
calculationRule="F" postingRhythm="D" includedInRate="true"
addRateSeperateLine="false" addRateCombinedLine="false"
sellSeparate="false">
        <Description>
            <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s">
                <TextElement>Tax on
Breakfast</TextElement>
            </Text>
        </Description>
    </Package>

```

```

        </Text>
        </Description>
        <ShortDescription>
        <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">
        <TextElement>Tax on
Breakfast</TextElement>
        </Text>
        </ShortDescription>
        </Package>
        <Package packageCode="INV"
calculationRule="F" postingRhythm="D" includedInRate="false"
addRateSeperateLine="false" addRateCombinedLine="true"
sellSeparate="false">
        <Description>
        <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">
        <TextElement>Shari's
inventory Test</TextElement>
        </Text>
        </Description>
        <ShortDescription>
        <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">
        <TextElement>test
inventory</TextElement>
        </Text>
        </ShortDescription>
        </Package>
        <Package packageCode="IRD DEL NONREV"
calculationRule="F" postingRhythm="D" includedInRate="true"
addRateSeperateLine="false" addRateCombinedLine="false"
sellSeparate="false">
        <Description>
        <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">
        <TextElement>IRD
Delivery charge</TextElement>
        </Text>
        </Description>
        <ShortDescription>
        <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">
        <TextElement>IRD
Delivery charge</TextElement>
        </Text>
        </ShortDescription>
        </Package>
        <Package packageCode="PARK"
calculationRule="F" postingRhythm="D" includedInRate="false"
addRateSeperateLine="false" addRateCombinedLine="true"
sellSeparate="false">

```

```

                <Description>
                    <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">

                <TextElement>parkes</TextElement>
                    </Text>
                </Description>
            </Package>
            <Package packageCode="RIDE"
calculationRule="F" postingRhythm="D" includedInRate="false"
addRateSeperateLine="true" addRateCombinedLine="false"
sellSeparate="true">
                <Description>
                    <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">

                <TextElement>RIDE</TextElement>
                    </Text>
                </Description>
                <ShortDescription>
                    <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">

                <TextElement>RIDE</TextElement>
                    </Text>
                </ShortDescription>
            </Package>
            <Package packageCode="USER LOG"
calculationRule="F" postingRhythm="D" includedInRate="false"
addRateSeperateLine="false" addRateCombinedLine="true"
sellSeparate="true">
                <Description>
                    <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">

                <TextElement>userlog</TextElement>
                    </Text>
                </Description>
            </Package>
        </Products>
        <Items>
            <InventoryItemGroup groupCode="123">
                <InventoryItem isChild="false">
                    <ItemCode>TRAI23</ItemCode>
                    <ItemName>Train Seat
Sep</ItemName>

                <Description>
                    <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">

                <TextElement>Train Seat to Canyon Rim</TextElement>
                    </Text>

```

```

                </Description>
                <SellControl>N</SellControl>

        <SellSeparate>N</SellSeparate>
                </InventoryItem>
                <InventoryItem isChild="false">
                        <ItemCode>TRAI22</ItemCode>
                        <ItemName>Train
Seat</ItemName>
                <Description>
                        <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">
                <TextElement>Train Seat to Grand Canyon Rim</TextElement>
                        </Text>
                </Description>
                <SellControl>Y</SellControl>

        <SellSeparate>Y</SellSeparate>
                </InventoryItem>
        </InventoryItemGroup>
        <InventoryItemGroup groupCode="234">
                <InventoryItem isChild="false">
                        <ItemCode>NOTPOOL</ItemCode>
                        <ItemName>item not part of
pool</ItemName>
                <SellControl>Y</SellControl>

        <SellSeparate>N</SellSeparate>
                </InventoryItem>
        </InventoryItemGroup>
        <InventoryItemGroup groupCode="BMD">
                <InventoryItem isChild="true">
                        <ItemCode>ADB</ItemCode>
                        <ItemName>All Day
Bike</ItemName>
                <SellControl>Y</SellControl>

        <SellSeparate>Y</SellSeparate>
                </InventoryItem>
                <InventoryItem isChild="true">
                        <ItemCode>BIKE</ItemCode>
                        <ItemName>Bike 8am</ItemName>
                <Description>
                        <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">
                <TextElement>Bike</TextElement>
                        </Text>
                </Description>
                <SellControl>Y</SellControl>

        <SellSeparate>Y</SellSeparate>
                </InventoryItem>
                <InventoryItem isChild="true">

```



```

        <ItemCode>BIKE9</ItemCode>
        <ItemName>bike 9am</ItemName>
        <Description>
            <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">
                <TextElement>bike
9am</TextElement>
            </Text>
        </Description>
        <SellControl>Y</SellControl>

        <SellSeparate>Y</SellSeparate>
            </InventoryItem>
        </InventoryItemGroup>
    </Items>
</FetchProductItemsResponse>
</soap:Body>
</soap:Envelope>

```

FetchProductItemsResponse

```

<xs:element name="FetchProductItemsResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="Result"
        xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/
        Common/Types" type="q1:ResultStatus" />
      <xs:element minOccurs="0" maxOccurs="1"
        name="ProductGroups"
        xmlns:q2="http://webservicess.micross.com/htng/2008B/Singl
        eGuestItinerary/Information/Types"
        type="q2:ArrayOfPackageGroupElement" />
      <xs:element minOccurs="0" maxOccurs="1" name="Products"
        xmlns:q3="http://webservicess.micross.com/htng/2008B/Singl
        eGuestItinerary/Information/Types"
        type="q3:ArrayOfPackageElement" />
      <xs:element minOccurs="0" maxOccurs="1" name="Items"
        xmlns:q4="http://webservicess.micross.com/htng/2008B/Singl
        eGuestItinerary/Information/Types"
        type="q4:ArrayOfInventoryItemGroupElement" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	The primary indication of the success or failure of the called function.
ProductGroups	element	ArrayOfPackageGroupElement	optional	A collection of package groups.

Name	Type	Data Type	Use	Comments
Products	element	ArrayOfPackageElement	optional	A collection of packages.
Items	element	ArrayOfInventoryItemGroupElement	optional	A collection of inventory item groups.

8 FetchReservationExt

Fetches a reservation by reservation name ID and resort.

Soap Action:

<http://webservices.micros.com/htng/2008B/SingleGuestItinerary#FetchReservationExt>

FetchReservationExtRequest

```
<?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"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
  xmlns:wss="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <wsa:Action>http://htng.org/PWS/2008B/SingleGuestItinerary#FetchReservationExt</wsa:Action>
    <wsa:From>
      <wsa:Address>urn:OPENCOURSE</wsa:Address>
    </wsa:From>
    <wsa:MessageID>urn:uuid:98401f1f-e010-4572-9edd-c78413a5ddb2</wsa:MessageID>
    <wsa:ReplyTo>
      <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:Address>
    </wsa:ReplyTo>
    <wsa:To>http://www.micros.com/HTNGActivity/</wsa:To>
    <wsse:Security soap:mustUnderstand="1">
      <wsu:Timestamp wsu:Id="Timestamp-8bcf3845-13e9-471d-8a74-1eab7d429ade">
        <wsu:Created>2011-08-04T16:42:23Z</wsu:Created>
        <wsu:Expires>2012-03-04T16:47:23Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken
        xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
        wsu:Id="SecurityToken-8dcfd63c-978d-4680-9b31-216b4f60577b">
        <wsse:Username>HTNG</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">HTNG</wsse:Password>
        <wsse:Nonce>B10F/gQ0jysswE0JfOTB/w==</wsse:Nonce>
        <wsu:Created>2011-08-04T16:42:23Z</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
    <FetchReservationExtRequest xmlns="http://schemas.xmlsoap.org/htng/2008B/SingleGuestItinerary"
      reservationNameID="123456789" resort="123456789" />
  </soap:Body>
</soap:Envelope>
```

```

        </wsse:UsernameToken>
    </wsse:Security>
</soap:Header>
<soap:Body>
    <FetchReservationExtRequest
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Reservation/Types"
xmlns:a="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Activity/Types"
xmlns:c="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types"
xmlns:hk="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types"
xmlns:i="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Information/Types"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
        <ReservationID
source="OPERA">12349876</ReservationID>
        <ResortId>CASINO</ResortId>
    </FetchReservationExtRequest>
</soap:Body>
</soap:Envelope>

```

FetchReservationExtRequest

```

<xs:element name="FetchReservationExtRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
name="ReservationID"
xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/
Common/Types" type="q1:UniqueID" />
      <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
name="ResortId" type="xs:string" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
ReservationID	element	UniqueID	optional	The reservation ID.
ResortId	element	string	optional	The resort ID.

FetchReservationExtResponse

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-

```

```

open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
    <soap:Header>
        <wsa:Action>http://htng.org/PWS/2008B/SingleGuestItinerary#
FetchReservationExt</wsa:Action>
        <wsa:MessageID>urn:uuid:98401f1f-e010-4572-9edd-
c78413a5ddb2</wsa:MessageID>
        <wsa:To>http://www.micros.com/HTNGActivity/</wsa:To>
        <wsse:Security soap:mustUnderstand="1">
            <wsu:Timestamp wsu:Id="Timestamp-8bcf3845-13e9-
471d-8a74-1eab7d429ade">
                <wsu:Created>2011-08-
04T16:42:23Z</wsu:Created>
                <wsu:Expires>2012-03-
04T16:47:23Z</wsu:Expires>
            </wsu:Timestamp>
        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <FetchReservationExtResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Reservation/Types"
xmlns:a="http://webservices.micros.com/htng/2008B/SingleGuestItin
erary/Activity/Types"
xmlns:c="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Ty
pes"
xmlns:hk="http://webservices.micros.com/htng/2008B/SingleGuestIti
nerary/Housekeeping/Types"
xmlns:i="http://webservices.micros.com/htng/2008B/SingleGuestItin
erary/Information/Types"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
            <Result resultStatusFlag="SUCCESS"/>
            <ReservationData reservationStatus="RESERVED">
                <ReservationID
source="OPERA">12349876</ReservationID>
                <ConfirmationNO>98761234</ConfirmationNO>
                <ProfileID
source="OPERA">2234234</ProfileID>
                <ProfileInfo>
                    <c:FirstName>John</c:FirstName>
                    <c:LastName>Smith</c:LastName>
                </ProfileInfo>
                <ArrivalDate>2011-9-17T09:30:47-
05:00</ArrivalDate>
                <DepartureDate>2011-9-19T09:30:47-
05:00</DepartureDate>
                <ShortRateCode>RACK</ShortRateCode>
                <ShortRoomType>KING</ShortRoomType>
                <PackageElements>
                    <PackageElement>

                        <ElementCode>PKG1</ElementCode>
                    </PackageElement>
                </PackageElements>
                <RoomNumber>1322</RoomNumber>
                <ResortId>CASINO</ResortId>
                <MarketSegment>NTRAN</MarketSegment>
            </ReservationData>
        </FetchReservationExtResponse>
    </soap:Body>
</soap:Envelope>

```

```

        <SourceCode>WI</SourceCode>
        <ReservationPreferences>
            <c:Preference>
                <c:Type>NEWSPAPER</c:Type>
                <c:Value>LP</c:Value>
            </c:Preference>
            <c:Preference>
                <c:Type>NEWSPAPER</c:Type>
                <c:Value>WJ</c:Value>
            </c:Preference>
        </ReservationPreferences>
        <Transportation>
            <Transportation>

                <Direction>ARRIVAL</Direction>
                <TransportDate>2011-9-
19T09:30:47-05:00</TransportDate>

                <TranspofType>AIR</TranspofType>
                </Transportation>
            </Transportation>
            <AccompanyGuests>
                <AccompanyGuest>
                    <NameID
source="OPERA">454535</NameID>
                    <FirstName>John</FirstName>
                    <LastName>Smith</LastName>
                </AccompanyGuest>
                <AccompanyGuest>
                    <NameID
source="OPERA">343534</NameID>
                    <FirstName>John</FirstName>
                    <LastName>Smith</LastName>
                </AccompanyGuest>
            </AccompanyGuests>
            <GuestCounts>
                <GuestCount
ageQualifyingCode="ADULT" count="2"/>
                <GuestCount
ageQualifyingCode="CHILD" count="1"/>
            </GuestCounts>
        </ReservationData>
    </FetchReservationExtResponse>
</soap:Body>
</soap:Envelope>

```

FetchReservationExtResponse

```

<xs:element name="FetchReservationExtResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
        name="Result"
        xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary
/Common/Types" type="q1:ResultStatus" />
      <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
        name="ReservationData"

```

```

        xmlns:q2="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Reservation/Types"
        type="q2:ReservationFetch" />
    </xs:sequence>
</xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	An indication of the success or failure of the called function.
ReservationData	element	ReservationFetch	optional	The reservation data.

9 FetchRoomStatus

Fetch room status by room number.

Soap Action:

http://webservices.micros.com/htng/2008B/SingleGuestItinerary#FetchRoomStatus

FetchRoomStatusRequest

```
<?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"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
  xmlns:wss="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/SingleGuestItinerary#FetchRoomStatus</wsa:Action>
    <wsa:From>
      <wsa:Address>uri:KABA</wsa:Address>
    </wsa:From>
    <wsa:MessageID>urn:uuid:f4da01b2-c0da-480d-b0b8-90864e3768e2</wsa:MessageID>
    <wsa:ReplyTo>
      <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:Address>
    </wsa:ReplyTo>
    <wsa:To>http://www.micros.com/HTNGActivity/</wsa:To>
    <wsse:Security soap:mustUnderstand="1">
      <wsu:Timestamp wsu:Id="Timestamp-8d90f9c8-f577-4feb-87b3-ca035f3dfdf9">
        <wsu:Created>2007-02-28T19:07:37Z</wsu:Created>
        <wsu:Expires>2019-02-28T19:12:37Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken
        xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
        wsu:Id="SecurityToken-15105206-97fc-48e3-b6e0-c7cdca5682b1">
        <wsse:Username>COMPANY</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">COMPANY</wsse:Password>
        <wsse:Nonce>WNPg+bi3m6J8rG30/hbqYg==</wsse:Nonce>
      </wsse:UsernameToken>
    </wsse:Security>
  </soap:Header>
  <wsu:Created>2007-02-28T19:07:37Z</wsu:Created>
</soap:Envelope>
```



```

        </wsse:UsernameToken>
    </wsse:Security>
</soap:Header>
<soap:Body>
    <FetchRoomStatusRequest
xmlns="http://webservicess.micross.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types"
xmlns:c="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">
        <ResortId>CASINO</ResortId>
        <RoomType>POKB</RoomType>
        <RoomNumber>4092</RoomNumber>
    </FetchRoomStatusRequest>
</soap:Body>
</soap:Envelope>

```

FetchRoomStatusRequest

```

<xs:element name="FetchRoomStatusRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="ResortId"
        type="xs:string" />
      <xs:element minOccurs="0" maxOccurs="1" name="RoomType"
        type="xs:string" />
      <xs:element minOccurs="0" maxOccurs="1" name="RoomNumber"
        type="xs:string" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
ResortId	element	string	optional	The resort ID.
RoomType	element	string	optional	The room type.
RoomNumber	element	string	optional	The room number.

FetchRoomStatusResponse

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wssse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservicess.micross.com/htng/2008B/SingleGuestItinerary#FetchRoomStatusResponse</wsa:Action>

```

```

        <wsa:MessageID>urn:uuid:a7558dda-5568-4a4f-a417-
2e6ab4d14075</wsa:MessageID>
        <wsa:RelatesTo>urn:uuid:f4da01b2-c0da-480d-b0b8-
90864e3768e2</wsa:RelatesTo>

        <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/ro
le/anonymous</wsa:To>
        <wsse:Security>
            <wsu:Timestamp wsu:Id="Timestamp-6ac151b6-909c-
44f3-a8ce-8deefa3349c">
                <wsu:Created>2011-07-
18T17:52:22Z</wsu:Created>
                <wsu:Expires>2011-07-
18T17:57:22Z</wsu:Expires>
            </wsu:Timestamp>
        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <FetchRoomStatusResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Housekeeping/Types">
            <FetchRoomStatus>
                <RoomNumber>4092</RoomNumber>
                <RoomStatus>Dirty</RoomStatus>

                <FrontOfficeStatus>VAC</FrontOfficeStatus>

                <HouseKeepingStatus>VAC</HouseKeepingStatus>

                <HouseKeepingInspectionFlag>N</HouseKeepingInspectionFlag>
                <TurnDownYn>Y</TurnDownYn>
            </FetchRoomStatus>
            <Result resultStatusFlag="SUCCESS"/>
        </FetchRoomStatusResponse>
    </soap:Body>
</soap:Envelope>

```

FetchRoomStatusResponse

```

<xs:element name="FetchRoomStatusResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded"
name="FetchRoomStatus"
xmlns:q1="http://webservices.micros.com/htng/2008B/Singl
eGuestItinerary/Housekeeping/Types"
type="q1:FetchRoomStatus" />
      <xs:element minOccurs="0" maxOccurs="1" name="Result"
xmlns:q2="http://htng.org/PWS/2008B/SingleGuestItinerary
/Common/Types" type="q2:ResultStatus" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
FetchRoomStatus	element	FetchRoomStatus	optional / multiple	A collection of room status data records.
Result	element	ResultStatus	optional	Indicates the success or failure of the called function.

10 GuestStatusNotificationExt

Sends reservation and package updates to the external system.

Soap Action:

http://webservices.micros.com/htng/2008B/SingleGuestItinerary#GuestStatusNotificationExt

GuestStatusNotificationExtRequest

```
<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/SingleGuestItinerary#GuestStatusNotificationExt</wsa:Action>
    <wsa:MessageID>urn:uuid:30053cdc-ada1-4188-b9d8-8858cd22359e</wsa:MessageID>
    <wsa:ReplyTo>
      <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:Address>
    </wsa:ReplyTo>
    <wsa:To>http://www.micros.com/HTNGActivity/</wsa:To>
    <wsse:Security soap:mustUnderstand="1">
      <wsu:Timestamp wsu:Id="Timestamp-fbaecf5d-6283-4299-9538-857e1297010b">
        <wsu:Created>2011-01-24T15:17:38Z</wsu:Created>
        <wsu:Expires>2011-01-24T15:22:38Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" wsu:Id="SecurityToken-19ff020f-66eb-4e75-b452-4829f3d03066">
        <wsse:Username>OPERA</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">OPERA</wsse:Password>
        <wsse:Nonce>WwYBF6AkCVfSNiWYUzAJmg==</wsse:Nonce>
        <wsu:Created>2011-01-24T15:17:38Z</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
  </soap:Header>
```

```

        <soap:Body>
          <GuestStatusNotificationExtRequest
xmlns="http://webservicess.micross.com/htng/2008B/SingleGuestItinerary/Reservation/Types">
            <GuestStatus reservationStatus="RESERVED"
xmlns="">
              <ReservationID
source="OPERA">2008166</ReservationID>
              <ProfileIDs>
                <UniqueID source="OPERA"
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">6753002</UniqueID>
              </ProfileIDs>
              <checkInDate>2011-01-24T00:00:00</checkInDate>
              <checkOutDate>2011-01-26T00:00:00</checkOutDate>
              <resortId>CASINO</resortId>
              <Packages>
                <Package packageCode="RIDE"
calculationRule="P" postingRhythm="D" quantity="1"
startTime="00:00:00.0000000-05:00" endTime="00:00:00.0000000-05:00"
xmlns="http://webservicess.micross.com/htng/2008B/SingleGuestItinerary/Information/Types">
                  <Amount
currencyCode="USD">10</Amount>
                  <Description>
                    <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">
                      <TextElement>RIDE</TextElement>
                    </Text>
                  </Description>
                  <ShortDescription>
                    <Text
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types">
                      <TextElement>RIDE</TextElement>
                    </Text>
                  </ShortDescription>
                  <StartDate>2011-01-24</StartDate>
                  <EndDate>2011-01-25</EndDate>
                </Package>
              </Packages>
            </GuestStatus>
          </GuestStatusNotificationExtRequest>
        </soap:Body>
      </soap:Envelope>

```

GuestStatusNotificationExtRequest

```

<xs:element name="GuestStatusNotificationExtRequest">
  <xs:complexType>

```

```

    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
        name="GuestStatus"
        xmlns:q1="http://webservicemes.micros.com/htng/2008B/SingleGuestItinerary/Reservation/Types"
        type="q1:GuestStatusNotificationExt" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
GuestStatus	element	GuestStatusNotificationExt	optional	Contains the reservation and package information.

GuestStatusNotificationExtResponse

```

<?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"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
  xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservicemes.micros.com/htng/2008B/SingleGuestItinerary#GuestStatusNotificationExtResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:837c9153-3ee1-4cf6-a26c-6e92b790e229</wsa:MessageID>
    <wsa:RelatesTo>urn:uuid:30053cdc-ada1-4188-b9d8-8858cd22359e</wsa:RelatesTo>

    <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:To>
    <wsse:Security>
      <wsu:Timestamp wsu:Id="Timestamp-63dd4957-df00-4955-89e7-9cd6054def57">
        <wsu:Created>2011-01-24T15:14:35Z</wsu:Created>
        <wsu:Expires>2011-01-24T15:19:35Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
    <GuestStatusNotificationExtResponse
      xmlns="http://webservicemes.micros.com/htng/2008B/SingleGuestItinerary/Reservation/Types">
      <Result resultStatusFlag="SUCCESS" xmlns="" />
    </GuestStatusNotificationExtResponse>
  </soap:Body>
</soap:Envelope>

```

```
        </GuestStatusNotificationExtResponse>
    </soap:Body>
</soap:Envelope>
```

GuestStatusNotificationExtResponse

```
<xs:element name="GuestStatusNotificationExtResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
        name="Result"
        xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary
          /Common/Types" type="q1:ResultStatus" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	The primary indication of the success or failure of the called function.

11 QueueRoomBE

Sends the queue room business event data to the HTNG partner.

Soap Action:

<http://webservices.micros.com/htng/2008B/SingleGuestItinerary#QueueRoomBE>

QueueRoomBERequest

```
<?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"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
  xmlns:wss="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/SingleGuestItinerary#QueueRoomBE</wsa:Action>
    <wsa:From>
      <wsa:Address>uri:HOTSOS</wsa:Address>
    </wsa:From>
    <wsa:MessageID>urn:uuid:4f35d9c0-305a-491d-b543-381a1465e3c0</wsa:MessageID>
    <wsa:ReplyTo>
      <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:Address>
    </wsa:ReplyTo>
    <wsa:To>http://www.micros.com/HTNGActivity/</wsa:To>
    <wsse:Security soap:mustUnderstand="1">
      <wsu:Timestamp wsu:Id="Timestamp-98ab4a9e-8ad6-47db-844c-a2d00701c536">
        <wsu:Created>2012-06-22T14:25:29Z</wsu:Created>
        <wsu:Expires>2012-06-22T14:30:29Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken
        xmlns:wss="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" wsu:Id="SecurityToken-356e2144-9ef8-4ea9-bc61-514e9028fa85">
        <wsse:Username>OPERA</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">OPERA</wsse:Password>
        <wsse:Nonce>jkk7stAtKLt2mvkP94rNLg==</wsse:Nonce>
        <wsu:Created>2012-06-22T14:25:29Z</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
  </soap:Body>
</soap:Envelope>
```



```

        </wsse:UsernameToken>
    </wsse:Security>
</soap:Header>
<soap:Body>
    <QueueRoomBERequest Action="NEW"
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Housekeeping/Types">
        <ResortId>CASINO</ResortId>
        <DataElements>
            <DataElement name="ArrivalDate"
newData="2012-06-22"
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s"/>
                <DataElement name="GuestNameId"
newData="2621920"
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s"/>
                    <DataElement name="Name" newData="SMITH,
JANE"
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s"/>
                        <DataElement name="QueueTime"
newData="10:25:26"
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s"/>
                            <DataElement name="ReservationStatus"
newData="RESERVED"
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s"/>
                                <DataElement name="RoomNumber"
newData="7082"
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s"/>
                                    <DataElement name="RoomType"
newData="POQB"
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s"/>
                                        </DataElements>
        </QueueRoomBERequest>
    </soap:Body>
</soap:Envelope>

```

QueueRoomBERequest

```

<xs:element name="QueueRoomBERequest">
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="0" maxOccurs="1" name="ResortId"
                type="xs:string" />
            <xs:element minOccurs="0" maxOccurs="1"
                name="DataElements"
                xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary
                /Common/Types" type="q1:ArrayOfDataElement" />
        </xs:sequence>
        <xs:attribute name="Action"
            xmlns:q2="http://htng.org/PWS/2008B/SingleGuestItinerary/C
            ommon/Types" type="q2:ActionType" use="required" />
    </xs:complexType>
</xs:element>

```

```

    </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
Action	attribute	ActionType	required	The action type for the request.
ResortId	element	string	optional	The resort ID.
DataElements	element	ArrayOfDataElement	optional	A collection of data elements for the reservation.

QueueRoomBEResponse

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/SingleGuestItinerary#QueueRoomBEResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:9273df9e-c169-47aa-8daf-147eec2db11a</wsa:MessageID>
    <wsa:RelatesTo>urn:uuid:4f35d9c0-305a-491d-b543-381a1465e3c0</wsa:RelatesTo>
    <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:To>
    <wsse:Security>
      <wsu:Timestamp wsu:Id="Timestamp-6afc7136-618e-46b0-a268-23a3dbfb7bd7">
        <wsu:Created>2012-06-22T14:25:30Z</wsu:Created>
        <wsu:Expires>2012-06-22T14:30:30Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
    <QueueRoomBEResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types">
      <Result resultStatusFlag="SUCCESS"/>
    </QueueRoomBEResponse>
  </soap:Body>
</soap:Envelope>

```

QueueRoomBEResponse

```

<xs:element name="QueueRoomBEResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="Result"
        xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary
          /Common/Types" type="q1:ResultStatus" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	Indicates the success or failure of the called function.

12 RoomStatusUpdateBE

Sends the room status update business event data to the HTNG partner.

Soap Action:

http://webservices.micros.com/htng/2008B/SingleGuestItinerary#RoomStatusUpdateBE

RoomStatusUpdateBERequest

```
<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wssse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/Single
GuestItinerary#RoomStatusUpdateBE</wsa:Action>
    <wsa:From>
      <wsa:Address>uri:HOTSOS</wsa:Address>
    </wsa:From>
    <wsa:MessageID>urn:uuid:9571dfb0-153c-425f-b7a4-
5ec0a75d10c1</wsa:MessageID>
    <wsa:ReplyTo>
      <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressi
ng/role/anonymous</wsa:Address>
    </wsa:ReplyTo>
    <wsa:To>http://www.micros.com/HTNGActivity/</wsa:To>
    <wssse:Security soap:mustUnderstand="1">
      <wsu:Timestamp wsu:Id="Timestamp-1197113b-fd1f-
4813-96a6-17b9b48bf108">
        <wsu:Created>2012-06-
22T14:23:46Z</wsu:Created>
        <wsu:Expires>2012-06-
22T14:28:46Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" wsu:Id="SecurityToken-68ca986c-
9cb7-4e5f-86e9-e141f18ce16e">
        <wsse:Username>OPERA</wsse:Username>
        <wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">OPERA</wsse:Password>
        <wsse:Nonce>2GPgbOuePpNFeFuS7+tZSg==</wsse:Nonce>
      <wsu:Created>2012-06-
22T14:23:46Z</wsu:Created>
    </wsse:UsernameToken>
  </soap:Header>
</soap:Envelope>
```

```

        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <RoomStatusUpdateBERequest
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Housekeeping/Types">
            <ResortId>CASINO</ResortId>
            <DataElements>
                <DataElement name="RoomNumber"
newData="7091" oldData="7091"
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s"/>
                <DataElement name="RoomStatus"
newData="Inspected" oldData="Clean"
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s"/>
                <DataElement name="RoomType"
newData="POQB" oldData="POQB"
xmlns="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Type
s"/>
            </DataElements>
        </RoomStatusUpdateBERequest>
    </soap:Body>
</soap:Envelope>

```

RoomStatusUpdateBERequest

```

<xs:element name="RoomStatusUpdateBERequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="ResortId"
type="xs:string" />
      <xs:element minOccurs="0" maxOccurs="1"
name="DataElements"
xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary
/Common/Types" type="q1:ArrayOfDataElement" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
ResortId	element	string	optional	The resort ID.
DataElements	element	ArrayOfDataElement	optional	A collection of data elements.

RoomStatusUpdateBEResponse

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing">

```

```

xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservicemicros.com/htng/2008B/Single
GuestItinerary#RoomStatusUpdateBEResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:0c9843c1-57a5-4a4c-8a70-
592543719d1c</wsa:MessageID>
    <wsa:RelatesTo>urn:uuid:9571dfb0-153c-425f-b7a4-
5ec0a75d10c1</wsa:RelatesTo>

    <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/ro
le/anonymous</wsa:To>
    <wsse:Security>
      <wsu:Timestamp wsu:Id="Timestamp-144e85ea-8ec7-
4c60-a918-3ceb67ba76f0">
        <wsu:Created>2012-06-
22T14:23:46Z</wsu:Created>
        <wsu:Expires>2012-06-
22T14:28:46Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
    <RoomStatusUpdateBEResponse
xmlns="http://webservicemicros.com/htng/2008B/SingleGuestItiner
ary/Housekeeping/Types">
      <Result resultStatusFlag="SUCCESS"/>
    </RoomStatusUpdateBEResponse>
  </soap:Body>
</soap:Envelope>

```

RoomStatusUpdateBEResponse

```

<xs:element name="RoomStatusUpdateBEResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="Result"
xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary
/Common/Types" type="q1:ResultStatus" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	Indicates the success or failure of the called function.

13 UpdateRoomStatus

Updates the house keeping room status for a particular room.

Soap Action:

<http://webservices.micros.com/htng/2008B/SingleGuestItinerary#UpdateRoomStatus>

UpdateRoomStatusRequest

```
<?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"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
  xmlns:wss="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/SingleGuestItinerary#UpdateRoomStatus</wsa:Action>
    <wsa:From>
      <wsa:Address>urn:COMPANY</wsa:Address>
    </wsa:From>
    <wsa:MessageID>urn:uuid:09a2b665-41d0-4654-b49d-86e7d437e371</wsa:MessageID>
    <wsa:ReplyTo>
      <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:Address>
    </wsa:ReplyTo>
    <wsa:To>http://www.micros.com/HTNGActivity/</wsa:To>
    <wsse:Security soap:mustUnderstand="1">
      <wsu:Timestamp wsu:Id="Timestamp-fbd379f8-e4b5-4219-a498-85cfefb9afa5">
        <wsu:Created>2009-10-12T15:54:03Z</wsu:Created>
        <wsu:Expires>2029-02-28T15:59:03Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken
        xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
        wsu:Id="SecurityToken-35e70b4f-57e8-4ebf-b9e2-eaf8269587f2">
        <wsse:Username>COMPANY</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">COMPANY</wsse:Password>
        <wsse:Nonce>uDadzPR82LbKhc4a9hWwLg==</wsse:Nonce>
        <wsu:Created>2007-02-28T15:54:03Z</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
    <UpdateRoomStatusRequest xmlns="http://schemas.xmlsoap.org/htng/2008B/SingleGuestItinerary#">
      <RoomId>123456789</RoomId>
      <Status>Occupied</Status>
    </UpdateRoomStatusRequest>
  </soap:Body>
</soap:Envelope>
```

```

        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <UpdateRoomStatusRequest
xmlns="http://webservicess.micross.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types">
            <ResortId>CASINO</ResortId>
            <RoomNumber>0203</RoomNumber>
            <RoomStatus>Dirty</RoomStatus>
        </UpdateRoomStatusRequest>
    </soap:Body>
</soap:Envelope>

```

UpdateRoomStatusRequest for TurndownStatus

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
    <soap:Header>
        <wsa:Action>http://webservicess.micross.com/htng/2008B/SingleGuestItinerary#UpdateRoomStatus</wsa:Action>
        <wsa:From>
            <wsa:Address>urn:COMPANY</wsa:Address>
        </wsa:From>
        <wsa:MessageID>urn:uuid:09a2b665-41d0-4654-b49d-86e7d437e371</wsa:MessageID>
        <wsa:ReplyTo>
            <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:Address>
        </wsa:ReplyTo>
        <wsa:To>http://www.micross.com/HTNGActivity/</wsa:To>
        <wsse:Security soap:mustUnderstand="1">
            <wsu:Timestamp wsu:Id="Timestamp-fbd379f8-e4b5-4219-a498-85cfefb9afa5">
                <wsu:Created>2009-10-12T15:54:03Z</wsu:Created>
                <wsu:Expires>2029-02-28T15:59:03Z</wsu:Expires>
            </wsu:Timestamp>
            <wsse:UsernameToken
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" wsu:Id="SecurityToken-35e70b4f-57e8-4ebf-b9e2-eaf8269587f2">
                <wsse:Username>COMPANY</wsse:Username>
                <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">COMPANY</wsse:Password>
            </wsse:UsernameToken>
        </wsse:Security>
    </soap:Header>
    <wsa:Action>http://webservicess.micross.com/htng/2008B/SingleGuestItinerary#UpdateRoomStatus</wsa:Action>
    <wsa:From>
        <wsa:Address>urn:COMPANY</wsa:Address>
    </wsa:From>
    <wsa:MessageID>urn:uuid:09a2b665-41d0-4654-b49d-86e7d437e371</wsa:MessageID>
    <wsa:ReplyTo>
        <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressing/role/anonymous</wsa:Address>
    </wsa:ReplyTo>
    <wsa:To>http://www.micross.com/HTNGActivity/</wsa:To>
    <wsse:Security soap:mustUnderstand="1">
        <wsu:Timestamp wsu:Id="Timestamp-fbd379f8-e4b5-4219-a498-85cfefb9afa5">
            <wsu:Created>2009-10-12T15:54:03Z</wsu:Created>
            <wsu:Expires>2029-02-28T15:59:03Z</wsu:Expires>
        </wsu:Timestamp>
        <wsse:UsernameToken
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" wsu:Id="SecurityToken-35e70b4f-57e8-4ebf-b9e2-eaf8269587f2">
            <wsse:Username>COMPANY</wsse:Username>
            <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">COMPANY</wsse:Password>
        </wsse:UsernameToken>
    </wsse:Security>
    <UpdateRoomStatusRequest
xmlns="http://webservicess.micross.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types">
        <ResortId>CASINO</ResortId>
        <RoomNumber>0203</RoomNumber>
        <RoomStatus>Dirty</RoomStatus>
    </UpdateRoomStatusRequest>
</soap:Body>
</soap:Envelope>

```



```

        <wsse:Nonce>uDadzPR82LbKhc4a9hWwLg==</wsse:Nonce>
        <wsu:Created>2007-02-
28T15:54:03Z</wsu:Created>
        </wsse:UsernameToken>
    </wsse:Security>
</soap:Header>
<soap:Body>
    <UpdateRoomStatusRequest
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Housekeeping/Types">
        <ResortId>CASINO</ResortId>
        <RoomNumber>0305</RoomNumber>
        <TurnDownStatus>Required</TurnDownStatus>
    </UpdateRoomStatusRequest>
</soap:Body>
</soap:Envelope>

```

UpdateRoomStatusRequest for GuestServiceStatus

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
    <soap:Header>
        <wsa:Action>http://webservices.micros.com/htng/2008B/Single
GuestItinerary#UpdateRoomStatus</wsa:Action>
        <wsa:From>
            <wsa:Address>urn:COMPANY</wsa:Address>
        </wsa:From>
        <wsa:MessageID>urn:uuid:09a2b665-41d0-4654-b49d-
86e7d437e371</wsa:MessageID>
        <wsa:ReplyTo>
            <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressi
ng/role/anonymous</wsa:Address>
        </wsa:ReplyTo>
        <wsa:To>http://www.micros.com/HTNGActivity/</wsa:To>
        <wsse:Security soap:mustUnderstand="1">
            <wsu:Timestamp wsu:Id="Timestamp-fbd379f8-e4b5-
4219-a498-85cfe9b9afa5">
                <wsu:Created>2009-10-
12T15:54:03Z</wsu:Created>
                <wsu:Expires>2029-02-
28T15:59:03Z</wsu:Expires>
            </wsu:Timestamp>
            <wsse:UsernameToken
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" wsu:Id="SecurityToken-35e70b4f-
57e8-4ebf-b9e2-eaf8269587f2">

```

```

        <wsse:Username>COMPANY</wsse:Username>
        <wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">COMPANY</wsse:Password>

        <wsse:Nonce>uDadzPR82LbKhc4a9hWwLg==</wsse:Nonce>
        <wsu:Created>2007-02-
28T15:54:03Z</wsu:Created>
        </wsse:UsernameToken>
    </wsse:Security>
</soap:Header>
<soap:Body>
    <UpdateRoomStatusRequest
xmlns="http://webservicess.micross.com/htng/2008B/SingleGuestItiner
ary/Housekeeping/Types">
        <ResortId>CASINO</ResortId>
        <RoomNumber>0305</RoomNumber>

        <GuestServiceStatus>MakeUpRoom</GuestServiceStatus>
    </UpdateRoomStatusRequest>
</soap:Body>
</soap:Envelope>

```

UpdateRoomStatusRequest for RoomRepair Status

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
    <soap:Header>
        <wsa:Action>http://webservicess.micross.com/htng/2008B/Single
GuestItinerary#UpdateRoomStatus</wsa:Action>
        <wsa:From>
            <wsa:Address>urn:COMPANY</wsa:Address>
        </wsa:From>
        <wsa:MessageID>urn:uuid:09a2b665-41d0-4654-b49d-
86e7d437e371</wsa:MessageID>
        <wsa:ReplyTo>
            <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressi
ng/role/anonymous</wsa:Address>
        </wsa:ReplyTo>
        <wsa:To>http://www.micross.com/HTNGActivity/</wsa:To>
        <wsse:Security soap:mustUnderstand="1">
            <wsu:Timestamp wsu:Id="Timestamp-fbd379f8-e4b5-
4219-a498-85cfefb9afa5">
                <wsu:Created>2009-10-
12T15:54:03Z</wsu:Created>

```

```

                <wsu:Expires>2029-02-
28T15:59:03Z</wsu:Expires>
                </wsu:Timestamp>
                <wsse:UsernameToken
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" wsu:Id="SecurityToken-35e70b4f-
57e8-4ebf-b9e2-eaf8269587f2">
                <wsse:Username>COMPANY</wsse:Username>
                <wsse:Password Type="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-username-token-profile-
1.0#PasswordText">COMPANY</wsse:Password>

                <wsse:Nonce>uDadzPR82LbKhc4a9hWwLg==</wsse:Nonce>
                <wsu:Created>2007-02-
28T15:54:03Z</wsu:Created>
                </wsse:UsernameToken>
                </wsse:Security>
            </soap:Header>
            <soap:Body>
                <UpdateRoomStatusRequest
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Housekeeping/Types"
xmlns:c="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Ty
pes">
                    <ResortId>CASINO</ResortId>
                    <RoomNumber>0208</RoomNumber>
                    <RoomRepair>
                        <RepairDate>
                            <c:Start>2006-09-10T09:30:47-
05:00</c:Start>
                            <c:End>2006-09-10T09:30:47-
05:00</c:End>
                        </RepairDate>
                        <ReturnStatus>Clean</ReturnStatus>
                        <RepairStatus>OutOfOrder</RepairStatus>
                        <RepairReason>DCL</RepairReason>
                        <RepairType>HK</RepairType>
                        <RepairRemarks>HTNG
Remarks</RepairRemarks>
                    </RoomRepair>
                </UpdateRoomStatusRequest>
            </soap:Body>
        </soap:Envelope>

```

UpdateRoomStatusRequest

```

<xs:element name="UpdateRoomStatusRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="ResortId"
        type="xs:string" />
      <xs:element minOccurs="0" maxOccurs="1" name="RoomNumber"
        type="xs:string" />
      <xs:element minOccurs="0" maxOccurs="1" name="RoomStatus"
        xmlns:q1="http://webservices.micros.com/htng/2008B/Singl
eGuestItinerary/Housekeeping/Types"
        type="q1:RoomStatusType" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

<xs:element minOccurs="0" maxOccurs="1"
  name="TurnDownStatus"
  xmlns:q2="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types"
  type="q2:TurnDownStatusType" />
<xs:element minOccurs="0" maxOccurs="1"
  name="GuestServiceStatus"
  xmlns:q3="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types"
  type="q3:GuestServiceStatusType" />
<xs:element minOccurs="0" maxOccurs="1" name="RoomRepair"
  xmlns:q4="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types"
  type="q4:RoomRepairType" />
</xs:sequence>
</xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
ResortId	element	string	optional	The Resort ID.
RoomNumber	element	string	optional	The room number.
RoomStatus	element	RoomStatusType	optional	The room status type.
TurnDownStatus	element	TurnDownStatusType	optional	The turndown status type.
GuestServiceStatus	element	GuestServiceStatusType	optional	The guest service status type.
RoomRepair	element	RoomRepairType	optional	The room repair type.

UpdateRoomStatusResponse

```

<?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"
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
  xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/SingleGuestItinerary#UpdateRoomStatusResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:ec9fb26a-04d0-4c8e-91bf-1956ac9ce931</wsa:MessageID>
    <wsa:RelatesTo>urn:uuid:09a2b665-41d0-4654-b49d-86e7d437e371</wsa:RelatesTo>

```

```

        <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/ro
le/anonymous</wsa:To>
        <wsse:Security>
            <wsu:Timestamp wsu:Id="Timestamp-33730d6f-80d8-
4c01-8333-4b32ff0df0fe">
                <wsu:Created>2009-11-
10T14:09:50Z</wsu:Created>
                <wsu:Expires>2009-11-
10T14:14:50Z</wsu:Expires>
            </wsu:Timestamp>
        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <UpdateRoomStatusResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Housekeeping/Types">
            <Result resultStatusFlag="SUCCESS"/>
        </UpdateRoomStatusResponse>
    </soap:Body>
</soap:Envelope>

```

UpdateRoomStatusResponse for TurndownStatus

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
    <soap:Header>
        <wsa:Action>http://webservices.micros.com/htng/2008B/Single
GuestItinerary#UpdateRoomStatusResponse</wsa:Action>
        <wsa:MessageID>urn:uuid:5bea843b-33c1-4773-930d-
95a9178df42e</wsa:MessageID>
        <wsa:RelatesTo>urn:uuid:09a2b665-41d0-4654-b49d-
86e7d437e371</wsa:RelatesTo>

        <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/ro
le/anonymous</wsa:To>
        <wsse:Security>
            <wsu:Timestamp wsu:Id="Timestamp-1f5e600b-15e6-
43ae-9102-b7bf67e5bb93">
                <wsu:Created>2009-11-
10T14:13:22Z</wsu:Created>
                <wsu:Expires>2009-11-
10T14:18:22Z</wsu:Expires>
            </wsu:Timestamp>
        </wsse:Security>
    </soap:Header>
    <soap:Body>

```

```

        <UpdateRoomStatusResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Housekeeping/Types">
            <Result resultStatusFlag="SUCCESS"/>
        </UpdateRoomStatusResponse>
    </soap:Body>
</soap:Envelope>

```

UpdateRoomStatusResponse for GuestServiceStatus

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wss="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
    <soap:Header>
        <wsa:Action>http://webservices.micros.com/htng/2008B/Single
GuestItinerary#UpdateRoomStatusResponse</wsa:Action>
        <wsa:MessageID>urn:uuid:4daf5a41-a975-4b65-8f41-
ff2e24022f25</wsa:MessageID>
        <wsa:RelatesTo>urn:uuid:09a2b665-41d0-4654-b49d-
86e7d437e371</wsa:RelatesTo>

        <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/ro
le/anonymous</wsa:To>
        <wsse:Security>
            <wsu:Timestamp wsu:Id="Timestamp-58e652f9-2147-
4770-980d-0d890b275734">
                <wsu:Created>2009-11-
10T14:00:53Z</wsu:Created>
                <wsu:Expires>2009-11-
10T14:05:53Z</wsu:Expires>
            </wsu:Timestamp>
        </wsse:Security>
    </soap:Header>
    <soap:Body>
        <UpdateRoomStatusResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Housekeeping/Types">
            <Result resultStatusFlag="SUCCESS"/>
        </UpdateRoomStatusResponse>
    </soap:Body>
</soap:Envelope>

```

UpdateRoomStatusResponse for RoomRepair Status

```

<?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"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd">
  <soap:Header>
    <wsa:Action>http://webservices.micros.com/htng/2008B/Single
GuestItinerary#UpdateRoomStatusResponse</wsa:Action>
    <wsa:MessageID>urn:uuid:0ee04adb-aae2-4f8d-8c07-
f14e7699a247</wsa:MessageID>
    <wsa:RelatesTo>urn:uuid:09a2b665-41d0-4654-b49d-
86e7d437e371</wsa:RelatesTo>

    <wsa:To>http://schemas.xmlsoap.org/ws/2004/08/addressing/ro
le/anonymous</wsa:To>
    <wsse:Security>
      <wsu:Timestamp wsu:Id="Timestamp-f03c05bb-8095-
4c64-a2e7-d3cf1ab98d9a">
        <wsu:Created>2009-11-
10T15:22:10Z</wsu:Created>
        <wsu:Expires>2009-11-
10T15:27:10Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
    <UpdateRoomStatusResponse
xmlns="http://webservices.micros.com/htng/2008B/SingleGuestItiner
ary/Housekeeping/Types">
      <Result resultStatusFlag="SUCCESS"/>
    </UpdateRoomStatusResponse>
  </soap:Body>
</soap:Envelope>

```

UpdateRoomStatusResponse

```

<xs:element name="UpdateRoomStatusResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="Result"
xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary
/Common/Types" type="q1:ResultStatus" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

Name	Type	Data Type	Use	Comments
Result	element	ResultStatus	optional	The primary indication of the success or failure of the called function.

14 Complex and Simple Type Definitions

AccompanyGuest

```
<xs:complexType name="AccompanyGuest">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="NameID"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q1:UniqueID" />
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="FirstName" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="LastName" type="xs:string" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
NameID	element	UniqueID	optional	The name ID for guest.
FirstName	element	string	optional	The guest's first name.
LastName	element	string	optional	The guest's last name.

ActionType

```
<xs:simpleType name="ActionType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="NEW" />
    <xs:enumeration value="UPDATE" />
    <xs:enumeration value="DELETE" />
  </xs:restriction>
</xs:simpleType>
```

Name	Type	Data Type	Use	Comments
ActionType	enumeration	string		The possible values are NEW, UPDATE and DELETE.

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>
```



```

        <xs:enumeration value="CHILDBUCKET1" />
        <xs:enumeration value="CHILDBUCKET2" />
        <xs:enumeration value="CHILDBUCKET3" />
    </xs:restriction>
</xs:simpleType>

```

Name	Type	Data Type	Use	Comments
AgeQualifyingCode	enumeration	string		The possible values are ADULT, CHILD, OTHER, CHILDBUCKET1, CHILDBUCKET2 and CHILDBUCKET3.

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	Comments
Amount	extension	double		The package amount.
currencyCode	attribute	string	none	The currency code for the property.

ArrayOfAccompanyGuest

```

<xs:complexType name="ArrayOfAccompanyGuest">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      form="unqualified" name="AccompanyGuest"
      xmlns:q1="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Reservation/Types" type="q1:AccompanyGuest" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
AccompanyGuest	element	AccompanyGuest	optional / multiple	A collection of information for the guest who will accompany main guest.

ArrayOfDataElement

```
<xs:complexType name="ArrayOfDataElement">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="DataElement"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q1:DataElement" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
DataElement	element	DataElement	optional / multiple	The reservation data.

ArrayOfInventoryItemGroupElement

```
<xs:complexType name="ArrayOfInventoryItemGroupElement">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="InventoryItemGroup"
      xmlns:q1="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Information/Types"
      type="q1:InventoryItemGroupElement" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
InventoryItemGroup	element	InventoryItemGroupElement	optional / multiple	The inventory item group.

ArrayOfPackageCharge

```
<xs:complexType name="ArrayOfPackageCharge">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="PackageCharge"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q1:PackageCharge" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
PackageCharge	element	PackageCharge	optional / multiple	A collection of PackageCharge elements.

ArrayOfPackageDetail

```
<xs:complexType name="ArrayOfPackageDetail">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="PackageDetail"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q1:PackageDetail" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
PackageDetail	element	PackageDetail	optional / multiple	A collection of PackageDetail elements.

ArrayOfPackageElement

```
<xs:complexType name="ArrayOfPackageElement">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="Package"
      xmlns:q1="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Information/Types" type="q1:PackageElement"
      />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Package	element	PackageElement	optional / multiple	The package.

ArrayOfPackageGroupElement

```
<xs:complexType name="ArrayOfPackageGroupElement">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="PackageGroup"
      xmlns:q1="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Information/Types"
      type="q1:PackageGroupElement" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
PackageGroup	element	PackageGroupElement	optional / multiple	The package group.

ArrayOfText

```
<xs:complexType name="ArrayOfText">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="TextElement"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q1:Text" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
TextElement	element	Text	optional / multiple	An element list container for TextElement types. The TextElements contain the actual string value representing the errors, if any.

ArrayOfTransportation

```
<xs:complexType name="ArrayOfTransportation">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      form="unqualified" name="Transportation"
      xmlns:q1="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Reservation/Types" type="q1:Transportation" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Transportation	element	Transportation	optional / multiple	A collection of transportation elements.

ArrayOfUniqueID

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

```

<xs:sequence>
  <xs:element minOccurs="0" maxOccurs="unbounded"
    name="UniqueID"
    xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/C
ommon/Types" type="q1:UniqueID" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
UniqueID	element	UniqueID	optional / multiple	A collection of UniqueID elements.

AttendantType

```

<xs:complexType name="AttendantType">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="AttendantName"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="AttendantId"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/C
ommon/Types" type="q1:UniqueID" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
AttendantName	element	string	optional	The housekeeping attendant's name.
AttendantId	element	UniqueID	optional	The attendant's ID.

DataElement

```

<xs:complexType name="DataElement">
  <xs:attribute name="name" type="xs:string" />
  <xs:attribute name="newData" type="xs:string" />
  <xs:attribute name="oldData" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
name	attribute	string	none	The name of the data element.
newData	attribute	string	none	The new value for the data element.
oldData	attribute	string	none	The old value for the data element.

DayOrEveningType

```
<xs:simpleType name="DayOrEveningType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Day" />
    <xs:enumeration value="Evening" />
  </xs:restriction>
</xs:simpleType>
```

Name	Type	Data Type	Use	Comments
DayOrEveningType	enumeration	string		The possible values are Day and Evening.

FetchRoomStatus

```
<xs:complexType name="FetchRoomStatus">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="RoomNumber"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="RoomType"
      type="xs:string" />
    <xs:element minOccurs="1" maxOccurs="1" name="RoomStatus"
      xmlns:q1="http://webservices.micros.com/htng/2008B/SingleG
      uestItinerary/Housekeeping/Types"
      type="q1:TaskRoomStatusType" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="RoomStatusDates"
      xmlns:q2="http://htng.org/PWS/2008B/SingleGuestItinerary/C
      ommon/Types" type="q2:TimeSpan" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="FrontOfficeStatus" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="HouseKeepingStatus" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="HouseKeepingInspectionFlag" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="TurnDownYn"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="ServiceStatus"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="OccupancyCondition" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="NextReservationDate" type="xs:date" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
RoomNumber	element	string	optional	The room number.

Name	Type	Data Type	Use	Comments
RoomType	element	string	optional	The room type.
RoomStatus	element	TaskRoomStatusType	required	The status of the fetched room.
RoomStatusDates	element	TimeSpan	optional	The date range for the fetched room status.
FrontOfficeStatus	element	string	optional	The front office status.
HouseKeepingStatus	element	string	optional	The housekeeping status.
HouseKeepingInspectionFlag	element	string	optional	The housekeeping inspection flag.
TurnDownYn	element	string	optional	Turn down required Yes/No.
ServiceStatus	element	string	optional	The service status of fetched room.
OccupancyCondition	element	string	optional	The occupancy condition of fetched room.
NextReservationDate	element	date	optional	The next reservation date for fetched room.

FOStatusType

```
<xs:simpleType name="FOStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Vacant" />
    <xs:enumeration value="Occupied" />
  </xs:restriction>
</xs:simpleType>
```

Name	Type	Data Type	Use	Comments
FOStatusType	enumeration	string		The possible values are Vacant and Occupied.

GuestCount

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

```

<xs:attribute name="ageQualifyingCode"
  xmlns:q1="http://webservicess.micross.com/htng/2008B/SingleGues
  tItinerary/Reservation/Types" type="q1:AgeQualifyingCode" />
<xs:attribute name="otherAgeQualifyingCode" type="xs:string" />
<xs:attribute name="age" type="xs:int" />
<xs:attribute name="count" type="xs:int" use="required" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
ageQualifyingCode	attribute	AgeQualifyingCode	none	Values for age qualifying codes.
otherAgeQualifyingCode	attribute	string	none	Other age qualifying codes.
age	attribute	int	none	The guest age.
count	attribute	int	required	The guest count.

GuestCountList

```

<xs:complexType name="GuestCountList">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      form="unqualified" name="GuestCount"
      xmlns:q1="http://webservicess.micross.com/htng/2008B/SingleG
      uestItinerary/Reservation/Types" type="q1:GuestCount" />
  </xs:sequence>
  <xs:attribute name="isPerRoom" type="xs:boolean" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
isPerRoom	attribute	boolean	none	Indicates if guest count is per room.
GuestCount	element	GuestCount	optional / multiple	The guest count.

GuestServiceStatusType

```

<xs:simpleType name="GuestServiceStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="DoNotDisturb" />
    <xs:enumeration value="MakeUpRoom" />
    <xs:enumeration value="None" />
  </xs:restriction>
</xs:simpleType>

```


Name	Type	Data Type	Use	Comments
GuestServiceStatusType	enumeration	string		The possible values are DoNotDisturb, MakeUpRoom and None.

GuestStatusNotificationExt

```

<xs:complexType name="GuestStatusNotificationExt">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="ReservationID"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Com
        mon/Types" type="q1:UniqueID" />
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="ProfileIDs"
      xmlns:q2="http://htng.org/PWS/2008B/SingleGuestItinerary/Com
        mon/Types" type="q2:ArrayOfUniqueID" />
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="roomNumber" type="xs:string" />
    <xs:element minOccurs="1" maxOccurs="1" form="unqualified"
      name="checkInDate" type="xs:dateTime" />
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="checkOutDate" type="xs:dateTime" />
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="resortId" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="Packages"
      xmlns:q3="http://webservices.micros.com/htng/2008B/SingleG
        uestItinerary/Information/Types"
      type="q3:ArrayOfPackageElement" />
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="GuestCounts"
      xmlns:q6="http://webservices.micros.com/htng/2008B/SingleG
        uestItinerary/Reservation/Types" type="q6:GuestCountList"
      />
  </xs:sequence>
  <xs:attribute name="reservationStatus"
    xmlns:q4="http://htng.org/PWS/2008B/SingleGuestItinerary/Comm
      on/Types" type="q4:ReservationStatusType" use="required" />
  <xs:attribute name="otherReservationStatus" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
reservationStatus	attribute	ReservationStatusTy pe	required	The reservation status.
otherReservationStat us	attribute	string	none	Other reservation status.
ReservationID	element	UniqueID	optional	The reservation ID.

Name	Type	Data Type	Use	Comments
ProfileIDs	element	ArrayOfUniqueID	optional	A collection of unique profile IDs.
roomNumber	element	string	optional	The room number.
checkInDate	element	dateTime	required	The check in date for the reservation.
checkOutDate	element	dateTime	optional	The checkout date for the reservation.
resortId	element	string	optional	The resort ID.
Packages	element	ArrayOfPackageElement	optional	A collection of packages.
GuestCounts	element	GuestCountList	optional	The guest count list.

HKResvationStatusType

```
<xs:simpleType name="HKResvationStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="StayOver" />
    <xs:enumeration value="Arrived" />
    <xs:enumeration value="DueOut" />
    <xs:enumeration value="Departed" />
    <xs:enumeration value="Arrival" />
    <xs:enumeration value="DayUse" />
    <xs:enumeration value="NotReserved" />
  </xs:restriction>
</xs:simpleType>
```

Name	Type	Data Type	Use	Comments
HKResvationStatusType	enumeration	string		The possible values are StayOver, Arrived, DueOut, Departed, Arrival, DayUse and NotReserved.

InventoryItemElement

```
<xs:complexType name="InventoryItemElement">
  <xs:sequence>
```

```

<xs:element minOccurs="0" maxOccurs="1" name="ItemCode"
  type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1" name="ItemName"
  type="xs:string" />
<xs:element minOccurs="0" maxOccurs="unbounded"
  name="Description"
  xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/C
  ommon/Types" type="q1:DescriptiveText" />
<xs:element minOccurs="0" maxOccurs="1" name="SellControl"
  type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1" name="SellSeparate"
  type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1" name="Quantity"
  type="xs:int" />
<xs:element minOccurs="0" maxOccurs="1" name="Available"
  type="xs:int" />
<xs:element minOccurs="0" maxOccurs="1" name="ItemGroup"
  xmlns:q2="http://webservices.micros.com/htng/2008B/SingleG
  uestItinerary/Information/Types"
  type="q2:ItemGroupElement" />
</xs:sequence>
<xs:attribute name="isPackage" type="xs:boolean" />
<xs:attribute name="isChild" type="xs:boolean" />
<xs:attribute name="ItemDate" type="xs:date" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
isPackage	attribute	boolean	none	Indicates if the item is a package.
isChild	attribute	boolean	none	Indicates if the item is a child.
ItemDate	attribute	date	none	The item date.
ItemCode	element	string	optional	The item code.
ItemName	element	string	optional	The item name.
Description	element	DescriptiveText	optional / multiple	A description of the item.
SellControl	element	string	optional	The sell control element.
SellSeparate	element	string	optional	The sell separate element.
Quantity	element	int	optional	The quantity.
Available	element	int	optional	The number of available items.
ItemGroup	element	ItemGroupElement	optional	The item group.

InventoryItemGroupElement

```
<xs:complexType name="InventoryItemGroupElement">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="InventoryItem"
      xmlns:q1="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Information/Types"
      type="q1:InventoryItemElement" />
  </xs:sequence>
  <xs:attribute name="groupCode" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
groupCode	attribute	string	none	The group code.
InventoryItem	element	InventoryItemElement	optional / multiple	The inventory item.

ItemGroupElement

```
<xs:complexType name="ItemGroupElement">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Code"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="Description"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types"
      type="q1:DescriptiveText" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Code	element	string	optional	The code element.
Description	element	DescriptiveText	optional / multiple	The description for the item group.

LovQueryQualifierType

```
<xs:complexType name="LovQueryQualifierType">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="qualifierType" type="xs:string" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
LovQueryQualifierType	extension	string		The LOV query qualifier type.
qualifierType	attribute	string	none	The qualifier type.

LovQueryResultType

```
<xs:complexType name="LovQueryResultType">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="LovValue"
      xmlns:q1="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Information/Types" type="q1:LovValueType" />
  </xs:sequence>
  <xs:attribute name="qualifierType" type="xs:string" />
  <xs:attribute name="qualifierValue" type="xs:string" />
  <xs:attribute name="secondaryQualifierType" type="xs:string" />
  <xs:attribute name="secondaryQualifierValue" type="xs:string" />
  <xs:attribute name="tertiaryQualifierType" type="xs:string" />
  <xs:attribute name="tertiaryQualifierValue" type="xs:string" />
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
qualifierType	attribute	string	none	The qualifier type.
qualifierValue	attribute	string	none	The qualifier value.
secondaryQualifierType	attribute	string	none	The secondary qualifier type.
secondaryQualifierValue	attribute	string	none	The secondary qualifier value.
tertiaryQualifierType	attribute	string	none	The tertiary qualifier type.
tertiaryQualifierValue	attribute	string	none	The tertiary qualifier value.
LovValue	element	LovValueType	optional / multiple	The LOV value.

LovValueType

```
<xs:complexType name="LovValueType">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="description" type="xs:string" />
    </xs:extension>
  </xs:simpleContent>
```

```
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
LovValueType	extension	string	optional	The LOV value type.
description	attribute	string	none	A description of the LOV value type.

PackageCharge

```
<xs:complexType name="PackageCharge">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="PackageCode"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="ValidDates"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/C
      ommon/Types" type="q1:TimeSpan" />
    <xs:element minOccurs="0" maxOccurs="1" name="UnitAmount"
      xmlns:q2="http://htng.org/PWS/2008B/SingleGuestItinerary/C
      ommon/Types" type="q2:Amount" />
    <xs:element minOccurs="0" maxOccurs="1" name="UnitAllowance"
      xmlns:q3="http://htng.org/PWS/2008B/SingleGuestItinerary/C
      ommon/Types" type="q3:Amount" />
    <xs:element minOccurs="0" maxOccurs="1" name="Quantity"
      type="xs:double" />
    <xs:element minOccurs="0" maxOccurs="1" name="Tax"
      xmlns:q4="http://htng.org/PWS/2008B/SingleGuestItinerary/C
      ommon/Types" type="q4:Amount" />
    <xs:element minOccurs="0" maxOccurs="1" name="TotalAmount"
      xmlns:q5="http://htng.org/PWS/2008B/SingleGuestItinerary/C
      ommon/Types" type="q5:Amount" />
    <xs:element minOccurs="0" maxOccurs="1" name="TotalAllowance"
      xmlns:q6="http://htng.org/PWS/2008B/SingleGuestItinerary/C
      ommon/Types" type="q6:Amount" />
    <xs:element minOccurs="0" maxOccurs="1" name="RateCode"
      type="xs:string" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
PackageCode	element	string	optional	The package code.
ValidDates	element	TimeSpan	optional	The valid start and end dates for the package charge.
UnitAmount	element	Amount	optional	The unit amount.
UnitAllowance	element	Amount	optional	The unit allowance.

Name	Type	Data Type	Use	Comments
Quantity	element	double	optional	The package quantity.
Tax	element	Amount	optional	The tax amount.
TotalAmount	element	Amount	optional	The total package charge.
TotalAllowance	element	Amount	optional	The total allowance.
RateCode	element	string	optional	The applied rate code.

PackageDetail

```
<xs:complexType name="PackageDetail">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="PackageInfo"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q1:PackageElement" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="ExpectedCharges"
      xmlns:q2="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q2:ArrayOfPackageCharge" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
PackageInfo	element	PackageElement	optional	The package information.
ExpectedCharges	element	ArrayOfPackageCharge	optional	The expected charges for the package.

PackageElement

```
<xs:complexType name="PackageElement">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Amount"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q1:Amount" />
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="Description"
      xmlns:q2="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q2:DescriptiveText" />
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="ShortDescription"
      xmlns:q3="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q3:DescriptiveText" />
  </xs:sequence>
</xs:complexType>
```

```

<xs:element minOccurs="0" maxOccurs="unbounded"
  name="PackageDetails"
  xmlns:q4="http://webservicess.micross.com/htng/2008B/SingleG
  uestItinerary/Information/Types"
  type="q4:PackageDetailCharges" />
<xs:element minOccurs="0" maxOccurs="1" name="StartDate"
  type="xs:date" />
<xs:element minOccurs="0" maxOccurs="1" name="EndDate"
  type="xs:date" />
</xs:sequence>
<xs:attribute name="packageCode" type="xs:string" />
<xs:attribute name="calculationRule" type="xs:string" />
<xs:attribute name="postingRhythm" type="xs:string" />
<xs:attribute name="quantity" type="xs:int" />
<xs:attribute name="includedInRate" type="xs:boolean" />
<xs:attribute name="addRateSeperateLine" type="xs:boolean" />
<xs:attribute name="addRateCombinedLine" type="xs:boolean" />
<xs:attribute name="startTime" type="xs:time" />
<xs:attribute name="endTime" type="xs:time" />
<xs:attribute name="sellSeparate" type="xs:boolean" />
<xs:attribute name="totalDepositAmount" type="xs:double" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
packageCode	attribute	string	none	The package code.
calculationRule	attribute	string	none	The calculation rule.
postingRhythm	attribute	string	none	The type of rhythm to determine the posting frequency of the package. Determines if package elements are available each day or only on certain days based on the actual arrival date of the reservation.
quantity	attribute	int	none	The quantity.
includedInRate	attribute	boolean	none	Indicates if the package is included in the room rate.
addRateSeperateLine	attribute	boolean	none	Indicates if the rate is added as a separate line.

Name	Type	Data Type	Use	Comments
addRateCombinedLine	attribute	boolean	none	Indicates if the rate has been combined on the same line as the package amount.
startTime	attribute	time	none	The start time when the package is available.
endTime	attribute	time	none	The end time after which the package is not available.
sellSeparate	attribute	boolean	none	Indicates if the package will be sold separate.
totalDepositAmount	attribute	double	none	The total deposit amount for package.
Amount	element	Amount	optional	The package price.
Description	element	DescriptiveText	optional / multiple	The description of the package element.
ShortDescription	element	DescriptiveText	optional / multiple	The short description of the package element.
PackageDetails	element	PackageDetailCharges	optional / multiple	The package details.
StartDate	element	date	optional	The start date.
EndDate	element	date	optional	The end date.

PackageGroupElement

```
<xs:complexType name="PackageGroupElement">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="Description"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q1:DescriptiveText" />
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="Packages"
      xmlns:q2="http://webservices.micros.com/htng/2008B/SingleG
```

```

        uestItinerary/Information/Types" type="q2:PackageElement"
        />
    </xs:sequence>
    <xs:attribute name="groupCode" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
groupCode	attribute	string	none	The group code.
Description	element	DescriptiveText	optional / multiple	The description of the package group.
Packages	element	PackageElement	optional / multiple	The packages.

RepairStatusType

```

<xs:simpleType name="RepairStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="OutOfOrder" />
    <xs:enumeration value="OutOfService" />
  </xs:restriction>
</xs:simpleType>

```

Name	Type	Data Type	Use	Comments
RepairStatusType	enumeration	string		The possible values are OutOfOrder and OutOfService.

ReservationFetch

```

<xs:complexType name="ReservationFetch">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="ReservationID"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types"
      type="q1:UniqueID" />
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="ConfirmationNO" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="ProfileID"
      xmlns:q2="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types"
      type="q2:UniqueID" />
    <xs:element minOccurs="1" maxOccurs="1" form="unqualified"
      name="ArrivalDate" type="xs:dateTime" />
    <xs:element minOccurs="1" maxOccurs="1" form="unqualified"
      name="DepartureDate" type="xs:dateTime" />
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="ShortRateCode" type="xs:string" />
  </xs:sequence>
</xs:complexType>

```

```

<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="ShortRoomType" type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="PackageElements"
  xmlns:q4="http://webservices.micos.com/htng/2008B/SingleG
  uestItinerary/Reservation/Types"
  type="q4:ArrayOfPackageElement" />
<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="RoomNumber" type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="ResortId" type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="MarketSegment" type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="SourceCode" type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="NoPostFlag" type="xs:boolean" />
<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="Transportation"
  xmlns:q8="http://webservices.micos.com/htng/2008B/SingleG
  uestItinerary/Reservation/Types"
  type="q8:ArrayOfTransportation" />
<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="AccompanyGuests"
  xmlns:q9="http://webservices.micos.com/htng/2008B/SingleG
  uestItinerary/Reservation/Types"
  type="q9:ArrayOfAccompanyGuest" />
<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="GuestCounts"
  xmlns:q10="http://webservices.micos.com/htng/2008B/Single
  GuestItinerary/Reservation/Types"
  type="q10:GuestCountList" />
</xs:sequence>
<xs:attribute name="reservationStatus"
  xmlns:q11="http://htng.org/PWS/2008B/SingleGuestItinerary/Com
  mon/Types" type="q11:ReservationStatusType" use="required" />
<xs:attribute name="otherReservationStatus" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
reservationStatus	attribute	ReservationStatusType	required	The reservation status.
otherReservationStatus	attribute	string	none	Other reservation statuses.
ReservationID	element	UniqueID	optional	The reservation ID.
ConfirmationNO	element	string	optional	The confirmation number for the reservation.
ProfileID	element	UniqueID	optional	The profile ID.

Name	Type	Data Type	Use	Comments
ArrivalDate	element	dateTime	required	The arrival date for reservation.
DepartureDate	element	dateTime	required	The departure date for the reservation.
ShortRateCode	element	string	optional	The short rate code.
ShortRoomType	element	string	optional	The short room type.
PackageElements	element	ArrayOfPackageElement	optional	A collection of package elements.
RoomNumber	element	string	optional	The room number.
ResortId	element	string	optional	The resort ID.
MarketSegment	element	string	optional	The market segment used for the reservation.
SourceCode	element	string	optional	The source code used for the reservation.
NoPostFlag	element	boolean	optional	Indicates if a posting flag was used.
Transportation	element	ArrayOfTransportation	optional	A collection of transportation values.
AccompanyGuests	element	ArrayOfAccompanyGuest	optional	A collection of guests who will accompany main guest.
GuestCounts	element	GuestCountList	optional	The guest count element list.

ReservationStatusType

```
<xs:simpleType name="ReservationStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="CANCELLED" />
    <xs:enumeration value="CHECKED_IN" />
    <xs:enumeration value="CHECKED_OUT" />
    <xs:enumeration value="RESERVED" />
    <xs:enumeration value="WAITLISTED" />
    <xs:enumeration value="OTHER" />
  </xs:restriction>
</xs:simpleType>
```

```

    <xs:enumeration value="REVERSE_CHECKED_IN" />
    <xs:enumeration value="REVERSE_CHECKED_OUT" />
    <xs:enumeration value="NO_SHOW" />
  </xs:restriction>
</xs:simpleType>

```

Name	Type	Data Type	Use	Comments
ReservationStatusType	enumeration	string		The possible values are CANCELLED, CHECKED_IN, CHECKED_OUT, RESERVED, WAITLISTED, OTHER, REVERSE_CHECKED_IN, REVERSE_CHECKED_OUT and NO_SHOW.

ResultStatus

```

<xs:complexType name="ResultStatus">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Text"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q1:ArrayOfText" />
    <xs:element minOccurs="0" maxOccurs="1" name="IDs"
      xmlns:q2="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q2:ArrayOfUniqueID" />
  </xs:sequence>
  <xs:attribute name="resultStatusFlag"
    xmlns:q3="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q3:ResultStatusFlag" />
  <xs:attribute name="code" type="xs:string" />
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
resultStatusFlag	attribute	ResultStatusFlag	none	The result status flag.
code	attribute	string	none	The code for the result.
Text	element	ArrayOfText	optional	A collection of Text1 elements.
IDs	element	ArrayOfUniqueID	optional	A collection of Unique ID elements.

ResultStatusFlag

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

Name	Type	Data Type	Use	Comments
ResultStatusFlag	enumeration	string		The possible values are FAIL and SUCCESS.

RoomRepairType

```
<xs:complexType name="RoomRepairType">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="RepairDate"
      xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Common/Types" type="q1:TimeSpan" />
    <xs:element minOccurs="1" maxOccurs="1" name="ReturnStatus"
      xmlns:q2="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types" type="q2:RoomStatusType" />
    <xs:element minOccurs="1" maxOccurs="1" name="RepairStatus"
      xmlns:q3="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types" type="q3:RepairStatusType" />
    <xs:element minOccurs="0" maxOccurs="1" name="RepairReason" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="RepairType" type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="RepairRemarks" type="xs:string" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
RepairDate	element	TimeSpan	optional	The repair date.
ReturnStatus	element	RoomStatusType	required	The room status type.
RepairStatus	element	RepairStatusType	required	The repair status type.
RepairReason	element	string	optional	The repair reason.
RepairType	element	string	optional	The repair type.
RepairRemarks	element	string	optional	The repair remarks.

RoomStatusType

```
<xs:simpleType name="RoomStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Clean" />
    <xs:enumeration value="Dirty" />
    <xs:enumeration value="Inspected" />
    <xs:enumeration value="Pickup" />
  </xs:restriction>
</xs:simpleType>
```

Name	Type	Data Type	Use	Comments
RoomStatusType	enumeration	string		The possible values are Clean, Dirty, Inspected and Pickup.

SortByType

```
<xs:simpleType name="SortByType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="ROOM" />
    <xs:enumeration value="SECTION" />
    <xs:enumeration value="FLOOR" />
  </xs:restriction>
</xs:simpleType>
```

Name	Type	Data Type	Use	Comments
SortByType	enumeration	string		The possible values are ROOM, SECTION and FLOOR.

TaskRoomStatusType

```
<xs:simpleType name="TaskRoomStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Clean" />
    <xs:enumeration value="Dirty" />
    <xs:enumeration value="Inspected" />
    <xs:enumeration value="Pickup" />
    <xs:enumeration value="OutOfOrder" />
    <xs:enumeration value="OutOfService" />
  </xs:restriction>
</xs:simpleType>
```

Name	Type	Data Type	Use	Comments
TaskRoomStatusType	enumeration	string		The possible values are Clean, Dirty, Inspected, Pickup, OutOfOrder and OutOfService.

TaskSheetDetailType

```

<xs:complexType name="TaskSheetDetailType">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="RoomNumber"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="AmSectionCode"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="PmSectionCode"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1" name="Floor"
      type="xs:string" />
    <xs:element minOccurs="0" maxOccurs="1"
      name="RoomInstruction" type="xs:string" />
    <xs:element minOccurs="1" maxOccurs="1" name="Credit"
      type="xs:double" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
RoomNumber	element	string	optional	The room number.
AmSectionCode	element	string	optional	The morning section grouping code.
PmSectionCode	element	string	optional	The evening section grouping code.
Floor	element	string	optional	The floor number.
RoomInstruction	element	string	optional	The room instruction.
Credit	element	double	required	The credit amount.

TaskSheetHeaderType

```

<xs:complexType name="TaskSheetHeaderType">
  <xs:sequence>

```



```

<xs:element minOccurs="1" maxOccurs="1" name="TaskDate"
  type="xs:dateTime" />
<xs:element minOccurs="0" maxOccurs="1" name="TaskCode"
  type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1"
  name="TaskSheetNumber" type="xs:double" />
<xs:element minOccurs="0" maxOccurs="1"
  name="AttendantSection" type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1"
  name="TotalRoomsInSheet" type="xs:integer" />
<xs:element minOccurs="1" maxOccurs="1"
  name="TotalCreditsInSheet" type="xs:double" />
<xs:element minOccurs="0" maxOccurs="1"
  name="TaskCompletedDate" type="xs:dateTime" />
<xs:element minOccurs="0" maxOccurs="1"
  name="TaskInstruction" type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1" name="AutoGenerated"
  type="xs:boolean" />
<xs:element minOccurs="0" maxOccurs="1"
  name="AutoGenerateFilter" type="xs:string" />
<xs:element minOccurs="0" maxOccurs="unbounded"
  name="Attendants"
  xmlns:q1="http://webservices.micros.com/htng/2008B/SingleG
  uestItinerary/Housekeeping/Types" type="q1:AttendantType"
  />
<xs:element minOccurs="0" maxOccurs="1"
  name="AttendantInstruction" type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1"
  name="TravelingCredit" type="xs:double" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
TaskDate	element	dateTime	required	The task date.
TaskCode	element	string	optional	The task code.
TaskSheetNumber	element	double	optional	The task sheet number.
AttendantSection	element	string	optional	The attendant section.
TotalRoomsInSheet	element	integer	optional	The total number of rooms.
TotalCreditsInSheet	element	double	required	The total credits.
TaskCompletedDate	element	dateTime	optional	The task completion date.
TaskInstruction	element	string	optional	The task instructions.

Name	Type	Data Type	Use	Comments
AutoGenerated	element	boolean	optional	True indicates that the task sheet was auto-generated.
AutoGenerateFilter	element	string	optional	The filter used for auto generation.
Attendants	element	AttendantType	optional / multiple	The attendant type.
AttendantInstruction	element	string	optional	The attendant's instructions.
TravelingCredit	element	double	optional	The traveling credit amount.

TaskSheetType

```

<xs:complexType name="TaskSheetType">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1"
      name="TaskSheetHeader"
      xmlns:q1="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types"
      type="q1:TaskSheetHeaderType" />
    <xs:element minOccurs="0" maxOccurs="unbounded"
      name="TasksheetDetails"
      xmlns:q2="http://webservices.micros.com/htng/2008B/SingleGuestItinerary/Housekeeping/Types"
      type="q2:TaskSheetDetailType" />
  </xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
TaskSheetHeader	element	TaskSheetHeaderType	optional	Task sheet header type.
TasksheetDetails	element	TaskSheetDetailType	optional / multiple	Task sheet details.

Text

```

<xs:complexType name="Text">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="language" type="xs:language" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
Text	extension	string	optional	A text description.
language	attribute	language	none	The language.

TimeSpan

```
<xs:complexType name="TimeSpan">
  <xs:sequence>
    <xs:element minOccurs="1" maxOccurs="1" name="Start"
      type="xs:dateTime" />
    <xs:element minOccurs="0" maxOccurs="1" name="End"
      type="xs:dateTime" />
  </xs:sequence>
</xs:complexType>
```

Name	Type	Data Type	Use	Comments
Start	element	dateTime	required	The start date.
End	element	dateTime	optional	The end date.

Transportation

```
<xs:complexType name="Transportation">
  <xs:sequence>
    <xs:element minOccurs="1" maxOccurs="1" form="unqualified"
      name="Direction">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="ARRIVAL" />
          <xs:enumeration value="DEPARTURE" />
          <xs:enumeration value="INHOUSE" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element minOccurs="1" maxOccurs="1" form="unqualified"
      name="TransportDate" type="xs:dateTime" />
    <xs:element minOccurs="1" maxOccurs="1" form="unqualified"
      name="TranspofType">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="AIR" />
          <xs:enumeration value="TAXI" />
          <xs:enumeration value="BUS" />
          <xs:enumeration value="TRAIN" />
          <xs:enumeration value="BOAT" />
          <xs:enumeration value="OTHER" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element minOccurs="0" maxOccurs="1" form="unqualified"
      name="Carrier" />
  </xs:sequence>
</xs:complexType>
```

```

<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="TransportCode" type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="Location" type="xs:string" />
<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="GuestCount" type="xs:int" />
<xs:element minOccurs="0" maxOccurs="1" form="unqualified"
  name="IDs"
  xmlns:q1="http://htng.org/PWS/2008B/SingleGuestItinerary/Com
  mon/Types" type="q1:ArrayOfUniqueID" />
</xs:sequence>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
TransportDate	element	dateTime	required	The transportation date.
TransportCode	element	string	optional	The transportation code.
Location	element	string	optional	The location of transportation method.
GuestCount	element	int	optional	The guest count for transportation.
IDs	element	ArrayOfUniqueID	optional	A collection of guest IDs.

TurnDownStatusType

```

<xs:simpleType name="TurnDownStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Completed" />
    <xs:enumeration value="Required" />
    <xs:enumeration value="NotRequired" />
  </xs:restriction>
</xs:simpleType>

```

Name	Type	Data Type	Use	Comments
TurnDownStatusType	enumeration	string		The possible values are Completed, Required and NotRequired.

UniqueID

```

<xs:complexType name="UniqueID">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="source" type="xs:string" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>

```

Name	Type	Data Type	Use	Comments
UniqueID	extension	string	required	The UniqueID extension.
source	attribute	string	none	The source.