



HOTEL TECHNOLOGY – NEXT GENERATION
Property/Distribution Solution
Usage Profile – Reservations
Version 1.0.5

FINAL

Version 1.0.5 includes a minor update to the 'About HTNG' section.

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Following paragraph added, for v1.0.5 on 13 May 2010:

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PREFACE

Hotel Technology Next Generation (“HTNG”) is a nonprofit organization with global scope, formed in 2002 to facilitate the development of next-generation, customer-centric technologies to better meet the needs of the global hotel community. HTNG’s mission is to provide leadership that will facilitate the creation of one (or more) industry solution set(s) for the lodging industry that:

- Are modeled around the customer and allow for a rich definition and distribution of hotel products, beyond simply sleeping rooms;
- Comprise best-of-breed software components from existing vendors, and enable vendors to collaboratively produce world-class software products encompassing all major areas of technology spending: hotel operations, telecommunications, in-room entertainment, customer information systems, and electronic distribution;
- Properly exploit and leverage a base system architecture that provides integration and interoperability through messaging; and that provides security, redundancy, and high availability;
- Target the needs of hotel companies up to several hundred properties, that are too small to solve the issues themselves;
- Will reduce technology management cost and complexity while improving reliability and scalability; and
- Can be deployed globally, managed remotely, and outsourced to service providers where needed.

In June 2005, HTNG announced the first-ever “Branding and Certification Program” for hotel technology. This program will enable vendors to certify their products against open HTNG specifications, and to use the "HTNG Certified" logo in their advertising and collateral materials. It will enable hotels to determine which vendors have completed certification of their products against which specific capabilities, and the environments in which performance is certified. HTNG’s vision is to achieve a flexible technical environment that will allow multiple vendors’ systems to interoperate and that will facilitate vendor alliances and the consolidation of applications, in order to provide hotels with easily managed, continually evolving, cost-effective solutions to meet their complete technology needs on a global basis.

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1.0 INTRODUCTION

1.1 Purpose

This document defines the Hotel Technology Next Generation (“HTNG”) Usage Profiles for Reservation Messages for Property Distribution based on the OpenTravel Alliance (“OTA”) specifications published by this organization.

1.2 Scope

This document defines a common HTNG implementation of the OTA specifications for reservation messages and is designed as a guide for project managers, programmers, and analysts to gain detailed information needed to implement these messages.

1.3 Overview

The messages in the OTA specification cover a large number of optional fields and the same information could be transferred in a number of different fields.

The intent of the HTNG usage profiles is to recommend a minimum common denominator and clarify what fields should be used to transfer the data required. The main aim is to avoid having to pass the same information in more than one field, thus avoiding confusion.

Trading partners may agree prior to implementation to use additional fields for data not covered in the usage profile, including TPA extensions as per the OTA specifications schema.

1.4 References

The following documents are referenced in this document:

1. The OTA Specifications, published twice yearly and available at <http://www.opentravel.org/>

1.5 Terminology

Table 1 defines terms and acronyms used throughout this document.

Table 1 - Terminology

Term	Definition
HTNG	Hotel Technology – Next Generation
OTA	OpenTravel Alliance
XML	Extensible Markup Language – This is a general-purpose markup language for creating special- purpose markup languages, capable of describing different kinds of data.

1.6 Assumptions and Dependencies

It is assumed the usage profiles provide a common starting point for the definition of the messages exchanged and that the implementers of these messages will:

- a) Add expansions as needed to enable exchange of additional information while retaining compliance with the OTA specifications.
- b) Report expansions deemed common to HTNG for consideration as additional usage profiles.
- c) Report any missing elements or attributes to OTA for inclusion in a future specification release.

2.0 USAGE PROFILE 1: BASIC RESERVATION NOTIFICATION

The basic reservation notification usage profile covers the basic use case in which a system with the ability to book, modify and/or cancel reservations is notifying other systems of its activity. The intent of the messages exchanged is to keep all the participating systems up to date on all reservations at the property.

2.1 Scope

This usage profile includes simple reservations, share reservations.

It does not include ...

2.2 Book Reservation Request

The book reservation request, as well as the Modification and Cancellation request, is made using the OTA_HotelResNotifRQ message.

2.2.1 Usage Profile Table

Element @Attribute	Num	Description/Contents
OTA_HotelResNotifRQ	1	Root element of the message.
@EchoToken	0..1	As per OTA Specifications.
@ResStatus	1	Of all the enumerations listed by OTA, the one recommended by HTNG for this message should be: "Commit"
@Version	1	Version is a mandatory attribute in OTA – therefore it must remain mandatory in HTNG in order to be able to use the same message
@TimeStamp	1	time of the transaction
OTA_HotelResNotifRQ / POS / Source / RequestorID	1	This identifies the system which is sending the reservation.

@Type	1	Type attribute uses the OTA code list UIT and ID is used for the name or ID of the requestor. For example, type 22 – ERSP (Electronic reservation service provider) and ID: TrustCRS
@ID	1	The Id used will be agreed to by the trading partners and remain the same throughout the messages
OTA_HotelResNotifRQ / POS / Source / BookingChannel / CompanyName	1..2	This element is used to pass the primary booking source for the reservation. The name of the booking source would be in the Company name field Currently it is not possible to pass a secondary booking channel without passing the entire source element again. OTA suggested we pass the source element again if a secondary channel is needed.
@Primary	1	Primary attribute would be set to “true” if only one booking channel is transferred.
@Type	1	Type is mandatory in OTA and indicates the type of booking channel. Refers to OTA code list BCT (Booking Channel Type): <ul style="list-style-type: none"> 1 Global distribution system (GDS) 2 Alternative distribution system (ADS) 3 Sales and catering system (SCS) 4 Property management system (PMS) 5 Central reservation system (CRS) 6 Tour operator system (TOS) 7 Internet
@Code	0..1	Code is OPTIONAL and can be used to transfer the code of the Booking channel if such code is a recognised industry standard – the name however should always be sent as well as the code.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation	1	Must be sent for the message to have a meaning
@CreatorID	1	The CreatorID is the identifier of the user or, in its absence, the office that originated the reservation.
@ CreateDateTime	1	This is the date when the reservation was first made
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / UniqueID	1	The unique ID depends on the system generating the booking, i.e. if the booking is generated by the PMS this field would contain the PMS confirmation number , if the system is a CRS, the CRS confirmation number. The Unique ID generated by the system originating the booking must be carried through to the final receiver of the booking (generally the PMS) to ensure that the client can use the same

		confirmation number whether he / she deals with the web site originating the booking or the central reservation office of the hotel or the property itself.
@Type	1	Type is assigned codes from the UIT (Unique Id Type) code list. If the originator is a CRS the recommended value for this message is 14 – Reservation. If the originator is a PMS the recommended value for this message would be 10 - Hotel
@ID	1	ID is the actual confirmation number
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay	1..n	One instance of RoomStay per Room type booked.
@MarketCode	0..1	This is the code that relates to the market being sold and may be needed by the PMS for tracking purposes.
@ SourceOfBusiness	0..1	Used to specify where the business came from e.g. radio, newspaper ad, or it could be a referring property
@ PromotionCode	0..1	This is the promotion code indicating for instance a specific marketing campaign – not the rate code.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / RoomRates / RoomRate /	1..n	One instance of RoomRate per room/rate booked. If multiple room types can be booked, then the element “RoomRate” must be repeated for each room type booked in the reservation. If more than one Rate plan can be booked in one reservation the entire RoomRate element must be repeated for each Room / rate combination
@RatePlanCategory	0..1	This is the category or segment which the rate being booked belongs to.
@RoomTypeCode	1	This is the room type code booked in the reservation
@InvBlockCode	0..1	If the room booked is part of a block the block code or suitable default string agreed by the implementing partners should be transferred in this field
@NumberOfUnits	1	This is the number of rooms booked for the room type code listed in the RoomTypeCode attribute.
@RatePlanCode	1	This is the rate booked for the room type code listed in the RoomTypeCode attribute.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomRates / RoomRate / Rates / Rate	1..n	At least one instance of Rate per Rate plan. Multiple instances of the Rate element must be sent if rate changes apply to the booking.

@RateTimeUnit	1	The RateTimeUnit is an enumeration which HTNG should default to “Day”
@EffectiveDate	1	The Effective date attribute indicates the starting date of when a specific rate value is applied. This is needed when during the stay there are some rate changes and therefore one instance of the Base element applies to part of the stay and another instance of the Base element applies to another part of the stay. The effective date here refers to the Base that is passed in this instance of Rate element
@ExpireDate	1	The Expire date indicates the day when the specific value of the rate is changed to another value.
@UnitMultiplier	1	UnitMultiplier indicates how many days the rate is applicable for.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomRates / RoomRate / Rates / Rate / Base	1	Mandatory in both OTA and HTNG if an instance of RoomRate is passed.
@CurrencyCode	1	CurrencyCode used ISO 4217 codes to indicate the currency of the rate that is being booked.
@AmountBeforeTax OR @AmountAfterTax	1	AmountBeforeTax OR AmountAfterTax must be passed to indicate the actual value of the rate. The implementing partners should agree on which attribute to use
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / GuestCounts	0..n	Contains the guest counts of the booking
@isPerRoom	0..1	Indicates that the guest count provided is on a per room basis.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / GuestCounts / GuestCount	1	Contains the type and number of guests included in the reservation.
@AgeQualifyingCode	1	The 2 codes used from the OTA AQC code list are: 8- Child 10-Adult
@Count	1	Count will include the number and will be repeated for each Type of guest.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays /	1	These are the in and out date of the booking

RoomStay / TimeSpan		
@Start	1	Check in date
@End	1	Check out date
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Guarantee	0..5	Guarantee provided with the reservation
@GuaranteeType	1	This is the attribute that indicates what guarantee is provided with the reservation. The enumerated values can be: "GuaranteeRequired" "None" "CC / DC / Voucher" "Profile" "Deposit" "PrePay"
@GuaranteeCode	0..1	This is the guarantee code used in the CRS.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Guarantee / GuaranteesAccepted / GuaranteeAccepted / PaymentCard	1	
@CardType	0..1	Optional field. However if it is used, all of the sub-elements and attributes listed below will also need to be sent. This is the code of the card used as guarantee for the booking. CardType uses an OTA list. The only item of the CDT list to be used is nr 1 – Credit to indicate we are passing a credit card.
@CardCode	0..1	The Card code is the 2 letter code indicative of the card (VS, MC, AX etc..)
@CardNumber	0..1	Mandatory if credit card guarantee info is passed. This is actual number of the credit card used as guarantee.
@SeriesCode	0..1	The SeriesCode attribute is used (optionally) for the security number of the card.

@ExpireDate	0..1	Mandatory if credit card guarantee info is passed. This is expiry date of the credit card used as guarantee
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Guarantee / GuaranteesAccepted / GuaranteeAccepted / PaymentCard / CardHolderName	0..1	Mandatory if credit card guarantee info is passed. This is the name of the card holder. If the system transmitting the info does not hold the cc holder name, it should not be passed rather than passing incorrect details
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Guarantee / GuaranteeDescription / Text	0..1	Optional. This can be used to pass the details of the guarantee if the guarantee used is not cc or deposit.
@Name	0..1	Used in conjunction with Text element above. Name could be used to indicate Voucher and the Text could be used to indicate the voucher number for instance.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / DepositPayments / GuaranteePayment / AcceptedPayments / AcceptedPayment	0..n	Used if deposit or prepayment information is transferred with the booking. All fields below this path are only mandatory IF the element is used at all.
@PaymentTransactionTypeCode	1	Mandatory if anything is passed in the AcceptedPayment element. This is an enumeration that indicates whether we are talking about a deposit or a prepayment. The 2 options are : charge (prepayment) or reserve (deposit). Would be optional in the schema
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / DepositPayments / GuaranteePayment / AcceptedPayments / AcceptedPayment / PaymentCard	1	Mandatory if an instance of AcceptedPayment is passed and no other sub-element is used. This is the card to which the deposit or prepayment for the booking must be charged
@CardType	0..1	Optional field. However if it is used, all of the sub-elements and attributes listed below will also need to be sent. This is the code of the card used as guarantee for the booking. CardType uses an OTA list. The only item of the CDT list to be used is nr 1 – Credit to indicate we are passing a

		credit card.
@CardCode	0..1	The Card code is the 2 letter code indicative of the card (VS, MC, AX etc..)
@CardNumber	0..1	This is actual number of the credit card used for deposit/prepayment.
@SeriesCode	0..1	The SeriesCode attribute is used (optionally) for the security number of the card.
@ExpireDate	0..1	This is expiry date of the credit card used for deposit/prepayment
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / DepositPayments / GuaranteePayment / AmountPercent	1	Mandatory if something is passed in the DepositPayment element. In this case, the amount must be specified
@Amount	0..1	This is the amount charged as a deposit for the booking. At least one between Amount, Percent and NumberOfNights must be transferred
@CurrencyCode	0..1	Currency used. Should be sent in conjunction with Amount
@Percent	0..1	This is the percentage charged as a deposit for the booking. At least one between Amount, Percent and NumberOfNights must be transferred
@NumberOfNights	0..1	This is the Number of nights charged as a deposit for the booking. At least one between Amount, Percent and NumberOfNights must be transferred
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / DepositPayments / GuaranteePayment / Deadline	0..1	Indicates when the deposit is due if not at the time of booking
@AbsoluteDeadline	0..1	Used as per OTA schema
@OffsetTimeUnit	0..1	Used as per OTA schema
@OffsetUnitMultiplier	0..1	Used as per OTA schema
@OffsetDropTime	0..1	Used as per OTA schema
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / DepositPayments / GuaranteePayment /	1	Mandatory if an instance of AcceptedPayment is passed and no other sub-element is used. This is the direct bill information for the booking

AcceptedPayments / AcceptedPayment / DirectBill		
@DirectBillID	0..1	Identifier for the organization to be billed directly for travel services.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / DepositPayments / GuaranteePayment / AcceptedPayments / AcceptedPayment / Voucher	1	Mandatory if an instance of AcceptedPayment is passed and no other sub-element is used. This is the voucher information for the booking
@SeriesCode	0..1	Identification of a series of coupons or vouchers identified by serial number(s).
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Total	1	This is the total amount for the stay. Partners must select whether to use the AmountBeforeTax or AmountAfterTax attribute
@CurrencyCode	1	CurrencyCode used ISO 4217 codes to indicate the currency of the total rate
@AmountBeforeTax OR @AmountAfterTax	1	AmountBeforeTax OR AmountAfterTax must be passed to indicate the Total value of the stay. The implementing partners should agree on which attribute to use
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Total / Taxes	0..1	Optional, can be used for Total Pricing
@ Amount	0..1	Total Amount of Taxes applied to the booking
@CurrencyCode	0..1	Currency of the total Amount of Taxes
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Total / Taxes / Tax	0..99	Optional can be used for Total Pricing
@Type	0..1	The Type attribute is an enumeration to indicate whether the tax is “inclusive”, “exclusive” or cumulative”
@Code	0..1	The Code attribute refers to OTA list FTT (fee tax type) and is used to indicate the specific tax or fee that is being transferred.

@Amount	0..1	Amount of the specific tax/fee transferred
@CurrencyCode	0..1	Currency for the Amount of the specific tax/fee transferred
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / BasicPropertyInfo	1	
@HotelCode	1	This is the property for which the reservations are being transferred.
@ChainCode	0..1	ChainCode indicates the chain to which the property belongs
@BrandCode	0..1	BrandCode indicates the Brand within the Chain to which the property belongs
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / ResGuestRPHs / ResGuestRPH /	1..n	
@RPH	1	This is used to link the various profiles to the reservation
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Memberships / Membership	0..n	The element Membership is optional but both attributes would need to be MANDATORY
@ProgramCode	1	The loyalty programme to which the account ID belongs to
@AccountID	1	The account that needs to be credited with points for the stay booked.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Comments / Comment / Text	0..n	
@GuestViewable	1	This indicates that the comment can actually be seen by the guest and is necessary when 2 different types of comments are passed: one which is guest viewable and one that isn't. The Attribute is of Boolean nature.

OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / SpecialRequests / SpecialRequest /	0..n	
@RequestCode	1	Indicates the special requests associated to the reservation. If a special request is passed it must be passed with the RequestCode attribute, which is therefore conditionally mandatory. If no code is available the partners should agree on a code to be transferred in conjunction with the TEXT element below.
@CodeContext	0..1	If the system sending the information differentiates the request codes in various groups (for instance room features vs special requests etc...) the context of the code should be sent to indicate whether the request sent is indeed a room feature or a special request or belongs to any other grouping – must be agreed upon implementing partners based on the functionality of the systems involved.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / SpecialRequests / SpecialRequest / Text	0..n	Provides more information about the request code or provides description for requests that are yet uncoded.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest /	1	
@ResGuestRPH	1	For simple reservations: If profiles for guest, travel agency and company are available, they would all be linked to a single ResGuestRPH. A comment has been entered with OTA for phase 2 to accommodate more complex scenarios.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / UniqueID	0..1	This is used to pass a Unique ID linked to the profile that is being transferred. For a guest profile, it could be the customer loyalty number, for a company it could be the corporate ID. For a travel Agency it could be the IATA number.
@ Type	1	The Type attribute refers to OTA code type UIT and the choices recommended by HTNG should be: 1 – Customer 4 – Company

		5 –Travel Agency
@ID	1	The actual ID
@ID_Context	0..1	ID_Context is optional and would be used to identify the source of the ID (for instance for a Travel agency Id we could have IATA or ABTA, etc...)
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile	1	
@ProfileType	1	This is used to pass the profile info for the guest, the Company and the Travel agency. For the individual guest the code used in ProfileType is the OTA PRT code 1-[Customer], For a company it is PRT Code – 3 [Corporation]. For a travel agency it is PRT code 4 – [Travel agent]
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / PersonName / NamePrefix	0..1	Optional but should be highly recommended by HTNG that partners use it if possible. This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's name Prefix
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / PersonName / GivenName	0..1	Optional. This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's name First name
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / PersonName / MiddleName	0..1	Optional. This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's name Middle name
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests /	1	Mandatory if a guest profile is passed. This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's

ResGuest / Profiles / ProfileInfo / Profile / Customer / PersonName / Surname		name Surname
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Telephone	1..n	Mandatory if a guest profile is passed. This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's phone number and fax numbers.
@PhoneLocationType	0..1	The PhoneLocationType attribute refers to the OTA PLT code list and indicates where the phone number is based – the values to be used by HTNG are: 6 – Home, 7 – Office, 8 – Other (e.g. cell phone).
@PhoneTechType	0..1	The PhoneTechType attribute refers to the OTA PTT code list and indicates which type of number is transmitted (phone vs fax). The 2 codes to be used by HTNG are code 1 –Voice and code 3 -Fax
@Phone Number	1	PhoneNumber contains the actual number as a string of max 32 characters and it is MANDATORY
@CountryAccessCode	0..1	Code assigned by telecommunications authorities for international country access identifier.
@Area City Code	0..1	Code assigned for telephones in a specific region, city, or area.
@FormattedInd	1	FormattedInd is MANDATORY. If the partner can use Country and Area codes then it should be set to NO. If country code and area code are passed then they should not appear again in the PhoneNumber field. If the partner cannot use country and area code then entire number is passed in the PhoneNumber field and FormattedInd it should be set to YES if the number needs to be parsed as there is a separation of the different parts or set to NO to indicate that the PhoneNumber field contains the entire phone number without a specific format.
@ DefaultInd	0..1	DefaultInd is optional and would indicate whether the phone number is the primary phone number for the profile
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Email	0..5	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's email address.

@EmailType,	0..1	The Email Type attribute uses the OTA code list EAT and indicates the type of email address provided (personal – code 1 vs business – code 2, in the case of the Guest details) and must be passed if more than one email address is passed. If only one email address is passed we can have it optional
@DefaultInd	0..1	DefaultInd is optional and would indicate whether the email is the primary email for the profile
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Address	0..5	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's mail address.
@Type	1	The Type attribute uses the OTA code list CLT and indicates the type of address provided (Home – code 1 vs business – code 2 or Other – code 3, in the case of the Guest details) and must be passed if an address is passed
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Address / AddressLine	0..5	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's address. More than one line can be sent
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Address / CityName	0..1	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's city
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Address / StateProv	0..1	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's State
@StateCode	0..1	State expressed in the Standard 2-8 characters code
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo /	0..1	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's Postal / ZIP code

Profile / Customer / Address / PostalCode		
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Address / CountryName	0..1	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's Country
@Code	0..1	Country expressed in the Standard ISO 3166 code
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / CustLoyalty	0..5	Optional. This path enables the user to pass specific IDs linked to the guest profile
@ProgramID	0..1	The ProgramID attribute can be used to indicate the programme that is being passed. For instance we could use it to pass: Frequent Guest, Frequent Traveller and Company ID
@MembershipID	0..1	The membershipID attribute will indicate the actual nr
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo / AddressInfo / AddressLine	0..5	Mandatory if a company or travel agency profile is passed. Address line is repeatable up to 5 times. This path is used to transmit the details for a Company or Travel agency profile. This element is used to pass the Company or Travel Agency's address. Type attribute is not needed here as it is clearly a business address
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo / AddressInfo / CityName	0..1	This path is used to transmit the details for a Company or Travel agency profile. This element is used to pass the Company or Travel Agency's City.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo /	0..1	This path is used to transmit the details for a Company or Travel agency profile. This element is used to pass the Company or Travel Agency's State

AddressInfo / StateProv		
@StateCode	0..1	State expressed in the Standard 2-8 characters code
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo / AddressInfo / PostalCode	0..1	This path is used to transmit the details for a Company or Travel agency profile. This element is used to pass the Company or Travel Agency's postal or ZIP code
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo / AddressInfo / CountryName	0..1	Optional. This path is used to transmit the details for a Company or Travel agency profile. This element is used to pass the Company or Travel Agency's Country
@Code	0..1	Country expressed in the Standard ISO 3166 codes
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo / TelephoneInfo	1..n	Mandatory if a company or travel agency profile is passed. This element is used to pass the Company or Travel Agency's phone and numbers. PhoneLocationType is not needed here as this is an office telephone.
@PhoneTechType	0..1	The PhoneTechType attribute refers to the OTA PTT code list and indicates which type of number is transmitted (phone vs fax). The 2 codes to be used by HTNG are code 1 –Voice and code 3 -Fax
@Phone Number	1	PhoneNumber contains the actual number as a string of max 32 characters and it is MANDATORY
@CountryAccessCode	0..1	Code assigned by telecommunications authorities for international country access identifier.
@Area City Code	0..1	Code assigned for telephones in a specific region, city, or area.
@FormattedInd	1	FormattedInd is MANDATORY. If the partner can use Country and Area codes then it should be set to NO. If country code and area code are passed then they should not appear again in the PhoneNumber field.

		If the partner cannot use country and area code then entire number is passed in the PhoneNumber field and FormattedInd it should be set to YES if the number needs to be parsed as there is a separation of the different parts or set to NO to indicate that the PhoneNumber field contains the entire phone number without a specific format.
@DefaultInd	0..1	DefaultInd would indicate whether the phone number is the primary phone number for the profile
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo / Email	0..1	This path is used to transmit the details for a Company or Travel agency profile. This element is used to pass the Company or Travel Agency's email. EmailType attribute is not needed here as it is clearly a business address
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / TPA_Extentions	0..n	Could be used to pass additional Profile data upon agreement between partners (specific Keys or codes for instance)
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / ArrivalTransport / TransportInfo	0..1	The 3 attributes below are used to indicate the arrival details for the guests to which the booking pertains.
@Type	0..1	Type is used to indicate the method of conveyance of this guest. Values: Air, Rail, Bus, Boat, Private Auto, Other.
@ID	0..1	ID is the actual identifier of this transportation method (e.g., flight number).
@Time	0..1	Time is the estimated arrival time.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / DepartureTransport / TransportInfo	0..1	The 3 attributes are used to indicate the departure details for the guests to which the booking pertains.
@Type	0..1	Type is used to indicate the method of departure of this guest. Values: Air, Rail, Bus, Boat, Private Auto, Other.
@ID	0..1	ID is the actual identifier of this transportation method (e.g., flight number).

@Time	0..1	Time is the expected departure time.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGlobalInfo / HotelReservationIDs / HotelReservationID	0..n	The HotelReservationID element can be repeated multiple types to transfer: <ol style="list-style-type: none"> 1. The PNR number for the reservation assigned by the GDS. 2. The reservation number for reservations that are linked to this reservation as associated reservation either for guests travelling together, sharing a room or as part of an Itinerary.
@ResID_Type	1	ResID_Type is assigned values from the UIT code list If HotelReservationID is passed to transfer the PNR, The required value here is: 24 – Travel Agent PNR If HotelReservationID is passed to transfer the associated reservations, The possible values are: 25- Associated reservation (travelling with) 26- Associated itinerary reservation 27- Associated shared reservation.
@ResID_Value	1	If HotelReservationID is passed to transfer the PNR, ResID_Value is the PNR passed by the GDS If HotelReservationID is passed to transfer the associated reservations, ResID_Value would be the confirmation number of the reservation which is associated to the one that is being transferred

2.2.2 Example Message

```
<OTA_HotelResNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.opentravel.org/OTA/2003/05 OTA_HotelResNotifRQ.xsd" Version="1.003"
EchoToken="879791878" ResStatus="Commit" TimeStamp=" 2005-10-09T18:51:45">
  <POS>
    <Source>
      <RequestorID Type="22" ID="TrustCRS"/>
      <!-- code 22 = Electronic reservation service provider -->
      <BookingChannel Primary="1" Type="1">
        <!-- code 1 = Global distribution system -->
        <CompanyName Code="UA">Galileo GDS</CompanyName>
      </BookingChannel>
    </Source>
```

```

    <Source>
      <BookingChannel Primary="0" Type="2">
        <!-- code 2 = Alternative distribution system -->
        <CompanyName Code="LC">Lodging</CompanyName>
      </BookingChannel>
    </Source>
  </POS>
  <HotelReservations>
    <HotelReservation CreateDateTime="2005-10-09T08:51:45" CreatorID="FLAUA">
      <UniqueID Type="14" ID="3741"/>
      <!-- code 14 = Reservation -->
      <RoomStays>
        <RoomStay MarketCode="CORP" SourceOfBusiness="TAC2" PromotionCode="FALL05">
          <RoomRates>
            <RoomRate RoomTypeCode="A1K" RatePlanCode="SR" NumberOfUnits="1"
RatePlanCategory="S" InvBlockCode="XYZGroup">
              <Rates>
                <Rate UnitMultiplier="3" RateTimeUnit="Day"
EffectiveDate="2006-01-12" ExpireDate="2006-01-15">
                  <Base AmountAfterTax="100.00" CurrencyCode="EUR">
                    </Base>
                  </Rate>
                <Rate UnitMultiplier="2" RateTimeUnit="Day"
EffectiveDate="2006-01-15" ExpireDate="2006-01-17">
                  <Base AmountAfterTax="150.00" CurrencyCode="EUR">
                    </Base>
                  </Rate>
                </Rates>
              </RoomRate>
            </RoomRates>
            <GuestCounts IsPerRoom="1">
              <GuestCount AgeQualifyingCode="10" Count="2"/>
              <!-- code 10 = Adult-->
              <GuestCount AgeQualifyingCode="8" Count="1"/>
              <!-- code 8 = Child-->
            </GuestCounts>
            <TimeSpan End="2006-01-17" Start="2006-01-12"/>
            <Guarantee GuaranteeType="GuaranteeRequired" GuaranteeCode="GCC">
              <GuaranteesAccepted>
                <GuaranteeAccepted>

```

```

                                <PaymentCard CardNumber="4321432143214327" CardType="1"
ExpireDate="0607" SeriesCode="123" CardCode="VS">
                                <CardHolderName>James Bond</CardHolderName>
                                </PaymentCard>
                                </GuaranteeAccepted>
                                </GuaranteesAccepted>
                                <GuaranteeDescription>
                                <Text>Guarantee by cc</Text>
                                </GuaranteeDescription>
                                </Guarantee>
have both just as a sample-->
                                <!--NORMALLY IT WOULD BE EITHER OR BETWEEN GUARANTEE AND DEPOSIT , here we
                                <DepositPayments>
                                <GuaranteePayment>
                                <AcceptedPayments>
                                <AcceptedPayment PaymentTransactionTypeCode="reserve">
                                <PaymentCard CardNumber="4321432143214327"
CardType="1" ExpireDate="0607" SeriesCode="123" CardCode="VS">
                                <CardHolderName>James Bond</CardHolderName>
                                </PaymentCard>
                                </AcceptedPayment>
                                </AcceptedPayments>
                                <AmountPercent Amount="50.00" CurrencyCode="EUR">
                                </AmountPercent>
                                <Deadline OffsetTimeUnit="Day" OffsetDropTime="BeforeArrival"
OffsetUnitMultiplier="10"/>
                                </GuaranteePayment>
                                </DepositPayments>
                                <!--NORMALLY IT WOULD BE EITHER OR BETWEEN GUARANTEE AND DEPOSIT-->
                                <Total AmountAfterTax="600.00" CurrencyCode="EUR">
                                <Taxes Amount="90.00" CurrencyCode="EUR">
                                <Tax Percent="17.50" Type="Inclusive" Code="19">
                                <!-- code 19 = VAT/GST tax-->
                                </Tax>
                                </Taxes>
                                </Total>
                                <BasicPropertyInfo HotelCode="HXCAIZZ" ChainCode="HX" BrandCode="TC">
                                </BasicPropertyInfo>
                                <TPA_Extensions/>
                                <ResGuestRPHs>
                                <ResGuestRPH RPH="1"/>

```

```

</ResGuestRPHs>
<Memberships>
  <Membership AccountID="12345689" ProgramCode="Miles and More"/>
</Memberships>
<Comments>
  <Comment GuestViewable="1">
    <Text>Will be Travelling with Mrs Bardot</Text>
  </Comment>
  <Comment GuestViewable="0">
    <Text>Surprise gift in room</Text>
  </Comment>
</Comments>
<SpecialRequests>
  <SpecialRequest RequestCode="NS" CodeContext="roomfeature"/>
  <SpecialRequest>
    <Text>Pool view requested</Text>
  </SpecialRequest>
</SpecialRequests>
</RoomStay>
</RoomStays>
<ResGuests>
  <ResGuest ResGuestRPH="1">
    <Profiles>
      <ProfileInfo>
        <UniqueID Type="1" ID="12345" ID_Context="HotelLoyaltyProgram"/>
        <!-- code 1 = Customer-->
        <Profile ProfileType="1">
          <!--code 1 = Customer-->
          <Customer>
            <PersonName>
              <NamePrefix>Mr</NamePrefix>
              <GivenName>James</GivenName>
              <MiddleName>Arthur</MiddleName>
              <Surname>Bond</Surname>
            </PersonName>
            <Telephone FormattedInd="1" DefaultInd="1"
PhoneNumber="44-69-66564100" PhoneTechType="1" PhoneLocationType="7"/>
            <!-- PhoneTechType 1 = Voice, PhoneLocationType 7 =
Office, -->
            <Telephone FormattedInd="1" DefaultInd="0"
PhoneNumber="44-69-66564101" PhoneTechType="3" PhoneLocationType="7"/>

```



```

    <ProfileInfo>
      <UniqueID Type="5" ID="123456789" ID_Context="IATA"/>
      <!--code 5 = Travel agency-->
      <Profile ProfileType="4">
        <!--code 4 = TravelAgent-->
        <CompanyInfo>
          <CompanyName>TravelDreams</CompanyName>
          <AddressInfo>
            <AddressLine>56 Bond Street</AddressLine>
            <CityName>London</CityName>
            <PostalCode>W1 3PQ</PostalCode>
            <StateProv StateCode="England"/>
            <CountryName Code="UK"/>
          </AddressInfo>
          <TelephoneInfo FormattedInd="1" DefaultInd="1"
PhoneNumber="442081522" PhoneTechType="1"/>
          <TelephoneInfo FormattedInd="1" DefaultInd="1"
PhoneNumber="442081523" PhoneTechType="3"/>
          <Email>reservations@traveldreams.co.uk</Email>
        </CompanyInfo>
      </Profile>
    </ProfileInfo>
  </Profiles>
  <ArrivalTransport>
    <TransportInfo Time="2006-01-12T14:00:00" Type="Air" ID="BA125"/>
  </ArrivalTransport>
  <DepartureTransport>
    <TransportInfo Time="2006-01-17T19:00:00" Type="Air" ID="BA126"/>
  </DepartureTransport>
</ResGuest>
</ResGuests>
<ResGlobalInfo>
  <HotelReservationIDs>
    <HotelReservationID ResID_Type="24" ResID_Value="MPW96E"/>
    <!--code 24 = Travel Agent PNR-->
  </HotelReservationIDs>
</ResGlobalInfo>
</HotelReservation>
</HotelReservations>
</OTA_HotelResNotifRQ>

```

2.3 Book Reservation Response

The book reservation response is made using the OTA_HotelResNotifRS message.

2.3.1 Usage Profile Table

Element @Attribute	Num	Description/Contents
OTA_HotelResNotifRS	1	Root element of the message.
@EchoToken	0..1	As per OTA Specifications.
@Version	1	Version is a mandatory attribute in OTA – therefore it must remain mandatory in HTNG in order to be able to use the same message
@TimeStamp	1	time of the transaction
@ResResponseType	1	Given that the OTA_HotelResNotifRQ message is used for additions, modifications and cancellations, this attribute is used to replicate whether the original message was an addition, a modification or a cancellation and does not refer to the status of the transaction itself but rather to the nature of the original message. The only 3 enumerations allowed will therefore be: Committed, Modified and Cancelled. In this case Committed would be used.
OTA_HotelResNotifRS / Errors / Error	1..99	Mandatory ONLY if Success element is not sent. Only needed if RQ message was unsuccessful.
@Type	1	Mandatory in OTA. Refers to OTA EWT list (error warning type).
@Code	0..1	Refers to OTA list ERR . Should be used wherever possible
@RecordID	0..1	If the receiving system is able to identify within a batch of reservations which reservation failed, the uniqueID of the rejected reservation should be reported here
OTA_HotelResNotifRS / Success	1	Mandatory if no Errors where sent. This is the annotation that the reservation batch was received successfully. It could be combined with warning messages if some of the reservations in the batch had issues
OTA_HotelResNotifRS /	0..99	Can be used in conjunction with Success message

Element @Attribute	Num	Description/Contents
Warnings / Warning		
@Type	1	Refers to OTA EWT list (error warning type).
@Code	0..1	Refers to OTA list ERR . Should be used wherever possible
@RecordID	0..1	If the receiving system is able to identify within a batch of reservations which reservation has a warning, the uniqueID of that reservation should be reported here.
OTA_HotelResNotifRS / HotelReservations / HotelReservation / UniqueID	1	This is the confirmation number for the reservation assigned by the immediate originator of the booking (i.e the system which sent the OTA_HotelResNotifRQ message for which the OTA_HotelresNotifRS message is sent).
@Type	1	Type is assigned values from the UIT code list. If the original system was a CRS: Type = 14 – Reservation ID is the actual confirmation number If it was a PMS: Type = 10 - Hotel
@ID	1	ID is the CRS confirmation number (or PMS nr if the reservation was originated in the PMS)
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGlobalInfo / HotelReservationIDs / HotelReservationID	1..n	This is the confirmation number associated by the system which received the booking.
@ResID_Type	1	Type is assigned values from the UIT code list. If it is a PMS: ResID_Type = 10 - Hotel If it is a CRS: ResID_Type = 14 – Reservation For any other type of system the implementing partners should agree on the appropriate code from the OTA UIT code list.

Element @Attribute	Num	Description/Contents
@ResID_Value	1	ResID_Value is the actual confirmation number

2.3.2 ExampleMessage

```
<OTA_HotelResNotifRS xmlns="http://www.opentravel.org/OTA/2003/05"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.opentravel.org/OTA/2003/05 OTA_HotelResNotifRS.xsd" Version="1.003"
EchoToken="879791878" TimeStamp=" 2005-10-09T18:52:15" ResResponseType="Committed">
  <Success/>
  <HotelReservations>
    <HotelReservation>
      <UniqueID Type="14" ID="3741"/>
      <ResGlobalInfo>
        <HotelReservationIDs>
          <HotelReservationID ResID_Type="10" ResID_Value="82329987"/>
          <!-- Res ID Type 10 = Hotel from OTA code table UIT -->
        </HotelReservationIDs>
      </ResGlobalInfo>
    </HotelReservation>
  </HotelReservations>
</OTA_HotelResNotifRS>
```

2.4 Change Reservation Request

The change reservation request is made using the OTA_HotelResNotifRQ message.

2.4.1 Usage Profile Table

Element @Attribute	Num	Description/Contents
OTA_HotelResNotifRQ	1	Root element of the message.

Element @Attribute	Num	Description/Contents
@EchoToken	0..1	As per OTA Specifications.
@ResStatus	1	Of all the enumerations listed by OTA, the one recommended by HTNG for this message should be: “Modify”
@Version	1	Version is a mandatory attribute in OTA – therefore it must remain mandatory in HTNG in order to be able to use the same message
@TimeStamp	1	time of the transaction
OTA_HotelResNotifRQ / POS / Source / RequestorID	1	This identifies the system which is sending the reservation.
@Type	1	Type attribute uses the OTA code list UIT and ID is used for the name or ID of the requestor. For example, type 22 – ERSP (Electronic reservation service provider) and ID: TrustCRS
@ID	1	The Id used will be agreed to by the trading partners and remain the same throughout the messages
OTA_HotelResNotifRQ / POS / Source / BookingChannel / CompanyName	1..2	This element is used to pass the primary booking source for the reservation. The name of the booking source would be in the Company name field Currently it is not possible to pass a secondary booking channel without passing the entire source element again. OTA suggested we pass the source element again if a secondary channel is needed.
@Primary	1	Primary attribute would be set to “true” if only one booking channel is transferred.
@Type	1	Type is mandatory in OTA and indicates the type of booking channel. Refers to OTA code list BCT (Booking Channel Type): <ul style="list-style-type: none"> 1 Global distribution system (GDS) 2 Alternative distribution system (ADS) 3 Sales and catering system (SCS) 4 Property management system (PMS) 5 Central reservation system (CRS) 6 Tour operator system (TOS)

Element @Attribute	Num	Description/Contents
		7 Internet
@Code	0..1	Code is OPTIONAL and can be used to transfer the code of the Booking channel if such code is a recognised industry standard – the name however should always be sent as well as the code.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation	1	Must be sent for the message to have a meaning
@CreatorID	1	The CreatorID is the identifier of the user or, in its absence, the office that originated the reservation.
@ CreateDateTime	1	This is the date when the reservation was first made
@LastModifiedDateTime	1	This indicates the last date and time when the reservation was modified.
@LastModifierID	1	This indicates the last user who modified the reservation.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / UniqueID	1	The unique ID depends on the system generating the booking, i.e. if the booking is generated by the PMS this field would contain the PMS confirmation number , if the system is a CRS, the CRS confirmation number. The Unique ID generated by the system originating the booking must be carried through to the final receiver of the booking (generally the PMS) to ensure that the client can use the same confirmation number whether he / she deals with the web site originating the booking or the central reservation office of the hotel or the property itself.
@Type	1	Type is assigned codes from the UIT (Unique Id Type) code list. If the originator is a CRS the recommended value for this message is 14 – Reservation. If the originator is a PMS the recommended value for this message would be 10 - Hotel
@ID	1	ID is the actual confirmation number
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay	1..n	One instance of RoomStay per Room type booked.
@MarketCode	0..1	This is the code that relates to the market being sold and may be needed by the PMS for tracking purposes.
@ SourceOfBusiness	0..1	Used to specify where the business came from e.g. radio, newspaper ad, or it could be a referring property
@ PromotionCode	0..1	This is the promotion code indicating for instance a specific marketing campaign – not the rate code.
OTA_HotelResNotifRQ / HotelReservations /	1..n	One instance of RoomRate per room/rate booked. If multiple room types can be booked, then the element “RoomRate” must be repeated for each room type booked in the reservation.

Element @Attribute	Num	Description/Contents
HotelReservation / RoomStays / RoomStay / RoomRates / RoomRate /		If more than one Rate plan can be booked in one reservation the entire RoomRate element must be repeated for each Room / rate combination
@RatePlanCategory	0..1	This is the category or segment which the rate being booked belongs to.
@RoomTypeCode	1	This is the room type code booked in the reservation
@InvBlockCode	0..1	If the room booked is part of a block the block code or suitable default string agreed by the implementing partners should be transferred in this field
@NumberOfUnits	1	This is the number of rooms booked for the room type code listed in the RoomTypeCode attribute.
@RatePlanCode	1	This is the rate booked for the room type code listed in the RoomTypeCode attribute.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomRates / RoomRate / Rates / Rate	1..n	At least one instance of Rate per Rate plan. Multiple instances of the Rate element must be sent if rate changes apply to the booking.
@RateTimeUnit	1	The RateTimeUnit is an enumeration which HTNG should default to "Day"
@EffectiveDate	1	The Effective date attribute indicates the starting date of when a specific rate value is applied. This is needed when during the stay there are some rate changes and therefore one instance of the Base element applies to part of the stay and another instance of the Base element applies to another part of the stay. The effective date here refers to the Base that is passed in this instance of Rate element
@ExpireDate	1	The Expire date indicates the day when the specific value of the rate is changed to another value.
@UnitMultiplier	1	UnitMultiplier indicates how many days the rate is applicable for.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomRates / RoomRate / Rates / Rate / Base	1	Mandatory in both OTA and HTNG if an instance of RoomRate is passed.
@CurrencyCode	1	CurrencyCode used ISO 4217 codes to indicate the currency of the rate that is being booked.
@AmountBeforeTax OR @AmountAfterTax	1	AmountBeforeTax OR AmountAfterTax must be passed to indicate the actual value of the rate. The implementing partners should agree on which attribute to use
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays /	0..n	Contains the guest counts of the booking

Element @Attribute	Num	Description/Contents
RoomStay / GuestCounts		
@isPerRoom	0..1	Indicates that the guest count provided is on a per room basis.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / GuestCounts / GuestCount	1	Contains the type and number of guests included in the reservation.
@AgeQualifyingCode	1	The 2 codes used from the OTA AQC code list are: 8- Child 10-Adult
@Count	1	Count will include the number and will be repeated for each Type of guest.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / TimeSpan	1	These are the in and out date of the booking
@Start	1	Check in date
@End	1	Check out date
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Guarantee	0..5	Guarantee provided with the reservation
@GuaranteeType	1	This is the attribute that indicates what guarantee is provided with the reservation. The enumerated values can be: "GuaranteeRequired" "None" "CC / DC / Voucher" "Profile" "Deposit" "PrePay"

Element @Attribute	Num	Description/Contents
@GuaranteeCode	0..1	This is the guarantee code used in the CRS.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Guarantee / GuaranteesAccepted / GuaranteeAccepted / PaymentCard	1	
@CardType	0..1	Optional field. However if it is used, all of the sub-elements and attributes listed below will also need to be sent. This is the code of the card used as guarantee for the booking. CardType uses an OTA list. The only item of the CDT list to be used is nr 1 – Credit to indicate we are passing a credit card.
@CardCode	0..1	The Card code is the 2 letter code indicative of the card (VS, MC, AX etc..)
@CardNumber	0..1	Mandatory if credit card guarantee info is passed. This is actual number of the credit card used as guarantee.
@SeriesCode	0..1	The SeriesCode attribute is used (optionally) for the security number of the card.
@ExpireDate	0..1	Mandatory if credit card guarantee info is passed. This is expiry date of the credit card used as guarantee
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Guarantee / GuaranteesAccepted / GuaranteeAccepted / PaymentCard / CardHolderName	0..1	Mandatory if credit card guarantee info is passed. This is the name of the card holder. If the system transmitting the info does not hold the cc holder name, it should not be passed rather than passing incorrect details
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Guarantee / GuaranteeDescription / Text	0..1	Optional. This can be used to pass the details of the guarantee if the guarantee used is not cc or deposit.
@Name	0..1	Used in conjunction with Text element above. Name could be used to indicate Voucher and the Text could be used to indicate the voucher number for instance.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / DepositPayments /	0..n	Used if deposit or prepayment information is transferred with the booking. All fields below this path are only mandatory IF the element is used at all.

Element @Attribute	Num	Description/Contents
GuaranteePayment / AcceptedPayments / AcceptedPayment		
@PaymentTransactionTypeCode	1	Mandatory if anything is passed in the AcceptedPayment element. This is an enumeration that indicates whether we are talking about a deposit or a prepayment. The 2 options are : charge (prepayment) or reserve (deposit). Would be optional in the schema
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / DepositPayments / GuaranteePayment / AcceptedPayments / AcceptedPayment / PaymentCard	1	Mandatory if an instance of AcceptedPayment is passed and no other sub-element is used. This is the card to which the deposit or prepayment for the booking must be charged
@CardType	0..1	Optional field. However if it is used, all of the sub-elements and attributes listed below will also need to be sent. This is the code of the card used as guarantee for the booking. CardType uses an OTA list. The only item of the CDT list to be used is nr 1 – Credit to indicate we are passing a credit card.
@CardCode	0..1	The Card code is the 2 letter code indicative of the card (VS, MC, AX etc..)
@CardNumber	0..1	This is actual number of the credit card used for deposit/prepayment.
@SeriesCode	0..1	The SeriesCode attribute is used (optionally) for the security number of the card.
@ExpireDate	0..1	This is expiry date of the credit card used for deposit/prepayment
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / DepositPayments / GuaranteePayment / AmountPercent	1	Mandatory if something is passed in the DepositPayment element. In this case, the amount must be specified
@Amount	0..1	This is the amount charged as a deposit for the booking. At least one between Amount, Percent and NumberOfNights must be transferred
@CurrencyCode	0..1	Currency used. Should be sent in conjunction with Amount
@Percent	0..1	This is the percentage charged as a deposit for the booking. At least one between Amount, Percent and NumberOfNights must be transferred

Element @Attribute	Num	Description/Contents
@NumberOfNights	0..1	This is the Number of nights charged as a deposit for the booking. At least one between Amount, Percent and NumberOfNights must be transferred
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / DepositPayments / GuaranteePayment / Deadline	0..1	Indicates when the deposit is due if not at the time of booking
@AbsoluteDeadline	0..1	Used as per OTA schema
@OffsetTimeUnit	0..1	Used as per OTA schema
@OffsetUnitMultiplier	0..1	Used as per OTA schema
@OffsetDropTime	0..1	Used as per OTA schema
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / DepositPayments / GuaranteePayment / AcceptedPayments / AcceptedPayment / DirectBill	1	Mandatory if an instance of AcceptedPayment is passed and no other sub-element is used. This is the direct bill information for the booking
@DirectBillID	0..1	Identifier for the organization to be billed directly for travel services.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / DepositPayments / GuaranteePayment / AcceptedPayments / AcceptedPayment / Voucher	1	Mandatory if an instance of AcceptedPayment is passed and no other sub-element is used. This is the voucher information for the booking
@SeriesCode	0..1	Identification of a series of coupons or vouchers identified by serial number(s).
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Total	1	This is the total amount for the stay. Partners must select whether to use the AmountBeforeTax or AmountAfterTax attribute
@CurrencyCode	1	CurrencyCode used ISO 4217 codes to indicate the currency of the total rate

Element @Attribute	Num	Description/Contents
@AmountBeforeTax OR @AmountAfterTax	1	AmountBeforeTax OR AmountAfterTax must be passed to indicate the Total value of the stay. The implementing partners should agree on which attribute to use
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Total / Taxes	0..1	Optional, can be used for Total Pricing
@ Amount	0..1	Total Amount of Taxes applied to the booking
@CurrencyCode	0..1	Currency of the total Amount of Taxes
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Total / Taxes / Tax	0..99	Optional can be used for Total Pricing
@Type	0..1	The Type attribute is an enumeration to indicate whether the tax is “inclusive”, “exclusive” or cumulative”
@Code	0..1	The Code attribute refers to OTA list FTT (fee tax type) and is used to indicate the specific tax or fee that is being transferred.
@Amount	0..1	Amount of the specific tax/fee transferred
@CurrencyCode	0..1	Currency for the Amount of the specific tax/fee transferred
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / BasicPropertyInfo	1	
@HotelCode	1	This is the property for which the reservations are being transferred.
@ChainCode	0..1	ChainCode indicates the chain to which the property belongs
@BrandCode	0..1	BrandCode indicates the Brand within the Chain to which the property belongs
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / ResGuestRPHs /	1..n	

Element @Attribute	Num	Description/Contents
ResGuestRPH /		
@RPH	1	This is used to link the various profiles to the reservation
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Memberships / Membership	0..n	The element Membership is optional but both attributes would need to be MANDATORY
@ProgramCode	1	The loyalty programme to which the account ID belongs to
@AccountID	1	The account that needs to be credited with points for the stay booked.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / Comments / Comment / Text	0..n	
@GuestViewable	1	This indicates that the comment can actually be seen by the guest and is necessary when 2 different types of comments are passed: one which is guest viewable and one that isn't. The Attribute is of Boolean nature.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / SpecialRequests / SpecialRequest /	0..n	
@RequestCode	1	Indicates the special requests associated to the reservation. If a special request is passed it must be passed with the RequestCode attribute, which is therefore conditionally mandatory. If no code is available the partners should agree on a code to be transferred in conjunction with the TEXT element below.
@CodeContext	0..1	If the system sending the information differentiates the request codes in various groups (for instance room features vs special requests etc...) the context of the code should be sent to indicate whether the request sent is indeed a room feature or a special request or belongs to any other grouping – must be agreed upon implementing partners based on the functionality of the systems involved.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / RoomStays / RoomStay / SpecialRequests /	0..n	Provides more information about the request code or provides description for requests that are yet uncoded.

Element @Attribute	Num	Description/Contents
SpecialRequest / Text		
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest /	1	
@ResGuestRPH	1	For simple reservations: If profiles for guest, travel agency and company are available, they would all be linked to a single ResGuestRPH. A comment has been entered with OTA for phase 2 to accommodate more complex scenarios.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / UniqueID	0..1	This is used to pass a Unique ID linked to the profile that is being transferred. For a guest profile, it could be the customer loyalty number, for a company it could be the corporate ID. For a travel Agency it could be the IATA number.
@ Type	1	The Type attribute refers to OTA code type UIT and the choices recommended by HTNG should be: 1 – Customer 4 – Company 5 –Travel Agency
@ID	1	The actual ID
@ID_Context	0..1	ID_Context is optional and would be used to identify the source of the ID (for instance for a Travel agency Id we could have IATA or ABTA, etc...)
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile	1	
@ProfileType	1	This is used to pass the profile info for the guest, the Company and the Travel agency. For the individual guest the code used in ProfileType is the OTA PRT code 1-[Customer], For a company it is PRT Code – 3 [Corporation]. For a travel agency it is PRT code 4 – [Travel agent]

Element @Attribute	Num	Description/Contents
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / PersonName / NamePrefix	0..1	Optional but should be highly recommended by HTNG that partners use it if possible. This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's name Prefix
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / PersonName / GivenName	0..1	Optional. This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's name First name
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / PersonName / MiddleName	0..1	Optional. This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's name Middle name
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / PersonName / Surname	1	Mandatory if a guest profile is passed. This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's name Surname
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Telephone	1..n	Mandatory if a guest profile is passed. This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's phone number and fax numbers.
@PhoneLocationType	0..1	The PhoneLocationType attribute refers to the OTA PLT code list and indicates where the phone number is based – the values to be used by HTNG are: 6 – Home, 7 – Office, 8 – Other (e.g. cell phone).
@PhoneTechType	0..1	The PhoneTechType attribute refers to the OTA PTT code list and indicates which type of number is transmitted (phone vs fax). The 2 codes to be used by HTNG are code 1 –Voice and code 3 -Fax
@Phone Number	1	PhoneNumber contains the actual number as a string of max 32 characters and it is MANDATORY

Element @Attribute	Num	Description/Contents
@CountryAccessCode	0..1	Code assigned by telecommunications authorities for international country access identifier.
@Area City Code	0..1	Code assigned for telephones in a specific region, city, or area.
@FormattedInd	1	FormattedInd is MANDATORY. If the partner can use Country and Area codes then it should be set to NO. If country code and area code are passed then they should not appear again in the PhoneNumber field. If the partner cannot use country and area code then entire number is passed in the PhoneNumber field and FormattedInd it should be set to YES if the number needs to be parsed as there is a separation of the different parts or set to NO to indicate that the PhoneNumber field contains the entire phone number without a specific format.
@ DefaultInd	0..1	DefaultInd is optional and would indicate whether the phone number is the primary phone number for the profile
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Email	0..5	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's email address.
@EmailType,	0..1	The Email Type attribute uses the OTA code list EAT and indicates the type of email address provided (personal – code 1 vs business – code 2, in the case of the Guest details) and must be passed if more than one email address is passed. If only one email address is passed we can have it optional
@DefaultInd	0..1	DefaultInd is optional and would indicate whether the email is the primary email for the profile
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Address	0..5	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's mail address.
@Type	1	The Type attribute uses the OTA code list CLT and indicates the type of address provided (Home – code 1 vs business – code 2 or Other – code 3, in the case of the Guest details) and must be passed if an address is passed
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Address /	0..5	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's address. More than one line can be sent

Element @Attribute	Num	Description/Contents
AddressLine		
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Address / CityName	0..1	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's city
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Address / StateProv	0..1	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's State
@StateCode	0..1	State expressed in the Standard 2-8 characters code
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Address / PostalCode	0..1	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's Postal / ZIP code
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / Address / CountryName	0..1	This path is used to transmit the Customer details. Details of the company or Travel agency use a different path. This field would be used to pass the guest's Country
@Code	0..1	Country expressed in the Standard ISO 3166 code
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / Customer / CustLoyalty	0..5	Optional. This path enables the user to pass specific IDs linked to the guest profile
@ProgramID	0..1	The ProgramID attribute can be used to indicate the programme that is being passed. For instance we could use it to pass: Frequent Guest, Frequent Traveller and Company ID

Element @Attribute	Num	Description/Contents
@MembershipID	0..1	The membershipID attribute will indicate the actual nr
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo / AddressInfo / AddressLine	0..5	Mandatory if a company or travel agency profile is passed. Address line is repeatable up to 5 times. This path is used to transmit the details for a Company or Travel agency profile. This element is used to pass the Company or Travel Agency's address. Type attribute is not needed here as it is clearly a business address
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo / AddressInfo / CityName	0..1	This path is used to transmit the details for a Company or Travel agency profile. This element is used to pass the Company or Travel Agency's City.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo / AddressInfo / StateProv	0..1	This path is used to transmit the details for a Company or Travel agency profile. This element is used to pass the Company or Travel Agency's State
@StateCode	0..1	State expressed in the Standard 2-8 characters code
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo / AddressInfo / PostalCode	0..1	This path is used to transmit the details for a Company or Travel agency profile. This element is used to pass the Company or Travel Agency's postal or ZIP code
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo / AddressInfo / CountryName	0..1	Optional. This path is used to transmit the details for a Company or Travel agency profile. This element is used to pass the Company or Travel Agency's Country
@Code	0..1	Country expressed in the Standard ISO 3166 codes

Element @Attribute	Num	Description/Contents
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo / TelephoneInfo	1..n	Mandatory if a company or travel agency profile is passed. This element is used to pass the Company or Travel Agency's phone and numbers. PhoneLocationType is not needed here as this is an office telephone.
@PhoneTechType	0..1	The PhoneTechType attribute refers to the OTA PTT code list and indicates which type of number is transmitted (phone vs fax). The 2 codes to be used by HTNG are code 1 –Voice and code 3 -Fax
@Phone Number	1	PhoneNumber contains the actual number as a string of max 32 characters and it is MANDATORY
@CountryAccessCode	0..1	Code assigned by telecommunications authorities for international country access identifier.
@Area City Code	0..1	Code assigned for telephones in a specific region, city, or area.
@FormattedInd	1	FormattedInd is MANDATORY. If the partner can use Country and Area codes then it should be set to NO. If country code and area code are passed then they should not appear again in the PhoneNumber field. If the partner cannot use country and area code then entire number is passed in the PhoneNumber field and FormattedInd it should be set to YES if the number needs to be parsed as there is a separation of the different parts or set to NO to indicate that the PhoneNumber field contains the entire phone number without a specific format.
@DefaultInd	0..1	DefaultInd would indicate whether the phone number is the primary phone number for the profile
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / CompanyInfo / Email	0..1	This path is used to transmit the details for a Company or Travel agency profile. This element is used to pass the Company or Travel Agency's email. EmailType attribute is not needed here as it is clearly a business address
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / Profiles / ProfileInfo / Profile / TPA_Extensions	0..n	Could be used to pass additional Profile data upon agreement between partners (specific Keys or codes for instance)
OTA_HotelResNotifRQ /	0..1	The 3 attributes below are used to indicate the arrival details for the guests to which the booking pertains.

Element @Attribute	Num	Description/Contents
HotelReservations / HotelReservation / ResGuests / ResGuest / ArrivalTransport / TransportInfo		
@Type	0..1	Type is used to indicate the method of conveyance of this guest. Values: Air, Rail, Bus, Boat, Private Auto, Other.
@ID	0..1	ID is the actual identifier of this transportation method (e.g., flight number).
@Time	0..1	Time is the estimated arrival time.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGuests / ResGuest / DepartureTransport / TransportInfo	0..1	The 3 attributes are used to indicate the departure details for the guests to which the booking pertains.
@Type	0..1	Type is used to indicate the method of departure of this guest. Values: Air, Rail, Bus, Boat, Private Auto, Other.
@ID	0..1	ID is the actual identifier of this transportation method (e.g., flight number).
@Time	0..1	Time is the expected departure time.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGlobalInfo / HotelReservationIDs / HotelReservationID	0..n	The HotelReservationID element can be repeated multiple types to transfer: <ul style="list-style-type: none"> 1.The PNR number for the reservation assigned by the GDS. 2. The reservation number for reservations that are linked to this reservation as associated reservation either for guests travelling together, sharing a room or as part of an Itinerary. 3. The confirmation number associated by the receiving system when the reservation was first sent and acknowledged. Mandatory if the original booking was also sent via the interface
@ResID_Type	1	ResID_Type is assigned values from the UIT code list If HotelReservationID is passed to transfer the PNR, The required value here is: 24 – Travel Agent PNR If HotelReservationID is passed to transfer the associated reservations, The possible values are: 25- Associated reservation (travelling with)

Element @Attribute	Num	Description/Contents
		<p>26- Associated itinerary reservation</p> <p>27- Associated shared reservation.</p> <p>If HotelReservationID is passed to transfer the receiving system's confirmation nr, The possible values are:</p> <p>10 – Hotel, if the receiving system is a PMS</p> <p>14 – Reservation, if the receiving system is a CRS</p>
@ResID_Value	1	<p>If HotelReservationID is passed to transfer the PNR, ResID_Value is the PNR passed by the GDS</p> <p>If HotelReservationID is passed to transfer the associated reservations, ResID_Value would be the confirmation number of the reservation which is associated to the one that is being transferred</p> <p>If HotelReservationID is passed to transfer the receiving system's confirmation nr, ResID_Value is the receiving system's confirmation number. For instance if the flow of reservation is from CRS to PMS, HotelReservationID will transfer the PMS confirmation number</p>

2.4.2 ExampleMessage

```

<OTA_HotelResNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.opentravel.org/OTA/2003/05 OTA_HotelResNotifRQ.xsd" Version="1.003"
EchoToken="879791900" ResStatus="Modify" TimeStamp=" 2005-10-09T19:30:30">
  <POS>
    <Source>
      <RequestorID Type="22" ID="TrustCRS"/>
      <!-- code 22 = Electronic reservation service provider -->
      <BookingChannel Primary="1" Type="1">
        <!-- code 1 = Global distribution system -->
        <CompanyName Code="UA">Galileo GDS</CompanyName>
      </BookingChannel>
    </Source>
    <Source>
      <BookingChannel Primary="0" Type="2">
        <!-- code 2 = Alternative distribution system -->
        <CompanyName Code="LC">Lodging</CompanyName>
      </BookingChannel>
    </Source>
  </POS>
</OTA_HotelResNotifRQ>

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```

        </BookingChannel>
    </Source>
</POS>
<HotelReservations>
    <HotelReservation CreateDateTime="2005-10-09T08:51:45" CreatorID="FLAUA" LastModifierID="AMR"
LastModifyDateTime="2005-12-21T19:30:30">
        <UniqueID Type="14" ID="3741"/>
        <!-- code 14 = Reservation -->
        <RoomStays>
            <RoomStay MarketCode="CORP" SourceOfBusiness="TAC2" PromotionCode="FALL05">
                <RoomRates>
                    <RoomRate RoomTypeCode="A2K" RatePlanCode="SR" NumberOfUnits="1"
RatePlanCategory="S" InvBlockCode="XYZGroup">
                        <Rates>
                            <Rate UnitMultiplier="3" RateTimeUnit="Day"
EffectiveDate="2006-01-12" ExpireDate="2006-01-15">
                                    <Base AmountAfterTax="100.00" CurrencyCode="EUR">
                                            </Base>
                                    </Rate>
                            <Rate UnitMultiplier="2" RateTimeUnit="Day"
EffectiveDate="2006-01-15" ExpireDate="2006-01-17">
                                    <Base AmountAfterTax="150.00" CurrencyCode="EUR">
                                            </Base>
                                    </Rate>
                        </Rates>
                    </RoomRate>
                </RoomRates>
                <GuestCounts IsPerRoom="1">
                    <GuestCount AgeQualifyingCode="10" Count="2"/>
                    <!-- code 10 = Adult-->
                    <GuestCount AgeQualifyingCode="8" Count="1"/>
                    <!-- code 8 = Child-->
                </GuestCounts>
                <TimeSpan End="2006-01-17" Start="2006-01-12"/>
                <Guarantee GuaranteeType="GuaranteeRequired" GuaranteeCode="GCC">
                    <GuaranteesAccepted>
                        <GuaranteeAccepted>
                            <PaymentCard CardNumber="4321432143214327" CardType="1"
ExpireDate="0607" SeriesCode="123" CardCode="VS">
                                    <CardHolderName>James Bond</CardHolderName>
                                </PaymentCard>
                        </GuaranteeAccepted>
                    </GuaranteesAccepted>
                </Guarantee>
            </RoomStay>
        </RoomStays>
    </HotelReservation>
</HotelReservations>

```

```

        </GuaranteeAccepted>
    </GuaranteesAccepted>
    <GuaranteeDescription>
        <Text>Guarantee by cc</Text>
    </GuaranteeDescription>
</Guarantee>
<!--NORMALLY IT WOULD BE EITHER OR BETWEEN GUARANTEE AND DEPOSIT , here we
have both just as a sample-->
<DepositPayments>
    <GuaranteePayment>
        <AcceptedPayments>
            <AcceptedPayment PaymentTransactionTypeCode="reserve">
                <PaymentCard CardNumber="4321432143214327"
CardType="1" ExpireDate="0607" SeriesCode="123" CardCode="VS">
                    <CardHolderName>James Bond</CardHolderName>
                </PaymentCard>
            </AcceptedPayment>
        </AcceptedPayments>
        <AmountPercent Amount="50.00" CurrencyCode="EUR">
            </AmountPercent>
        <Deadline OffsetTimeUnit="Day" OffsetDropTime="BeforeArrival"
OffsetUnitMultiplier="10"/>
    </GuaranteePayment>
</DepositPayments>
<!--NORMALLY IT WOULD BE EITHER OR BETWEEN GUARANTEE AND DEPOSIT-->
<Total AmountAfterTax="600.00" CurrencyCode="EUR">
    <Taxes Amount="90.00" CurrencyCode="EUR">
        <Tax Percent="17.50" Type="Inclusive" Code="19">
            <!-- code 19 = VAT/GST tax-->
        </Tax>
    </Taxes>
</Total>
<BasicPropertyInfo HotelCode="HXCAIZZ" ChainCode="HX" BrandCode="TC">
</BasicPropertyInfo>
<TPA_Extensions/>
<ResGuestRPHs>
    <ResGuestRPH RPH="1"/>
</ResGuestRPHs>
<Memberships>
    <Membership AccountID="12345689" ProgramCode="Miles and More"/>
</Memberships>

```

```

    <Comments>
      <Comment GuestViewable="1">
        <Text>Will be Travelling with Mrs Bardot</Text>
      </Comment>
      <Comment GuestViewable="0">
        <Text>Surprise gift in room</Text>
      </Comment>
    </Comments>
    <SpecialRequests>
      <SpecialRequest RequestCode="NS" CodeContext="RoomFeature"/>
      <SpecialRequest>
        <Text>Pool view requested</Text>
      </SpecialRequest>
    </SpecialRequests>
  </RoomStay>
</RoomStays>
<ResGuests>
  <ResGuest ResGuestRPH="1">
    <Profiles>
      <ProfileInfo>
        <UniqueID Type="1" ID="12345" ID_Context="HotelLoyaltyProgram"/>
        <!-- code 1 = Customer-->
        <Profile ProfileType="1">
          <!--code 1 = Customer -->
          <Customer>
            <PersonName>
              <NamePrefix>Mr</NamePrefix>
              <GivenName>James</GivenName>
              <MiddleName>Arthur</MiddleName>
              <Surname>Bond</Surname>
            </PersonName>
            <Telephone FormattedInd="1" DefaultInd="1"
PhoneNumber="44-69-66564100" PhoneTechType="1" PhoneLocationType="7"/>
            <!-- PhoneTechType 1 = Voice, PhoneLocationType 7 =
Office, -->
            <Telephone FormattedInd="1" DefaultInd="0"
PhoneNumber="44-69-66564101" PhoneTechType="3" PhoneLocationType="7"/>
            <!-- PhoneTechType 3 = Fax, PhoneLocationType 7 =
Office, -->
            <Email EmailType="2">james.bond@mi5.co.uk</Email>
            <!--code 2 = Business -->

```

```

    <Address Type="1">
      <!--code 1 = Home -->
      <AddressLine>Claretta House</AddressLine>
      <AddressLine>Tower Bridge Close</AddressLine>
      <CityName>London</CityName>
      <PostalCode>EC1 2PG</PostalCode>
      <StateProv StateCode="ENG"/>
      <CountryName Code="UK"/>
    </Address>
    <CustLoyalty ProgramID="FrequentGuest"

MembershipID="12345"/>
  </Customer>
</Profile>
</ProfileInfo>
<ProfileInfo>
  <UniqueID Type="4" ID="53219876" ID_Context="DUNS"/>
  <!--code 4 = Company -->
  <Profile ProfileType="3">
    <!--code 3 = Corporation-->
    <CompanyInfo>
      <CompanyName>MI5</CompanyName>
      <AddressInfo>
        <AddressLine>MOD Building</AddressLine>
        <AddressLine>52 Bond Street</AddressLine>
        <CityName>London</CityName>
        <PostalCode>W1 3PQ</PostalCode>
        <StateProv StateCode="England"/>
        <CountryName Code="UK"/>
      </AddressInfo>
      <TelephoneInfo FormattedInd="1" DefaultInd="1"

PhoneNumber="44-208-1534" PhoneTechType="1"/>
      <TelephoneInfo FormattedInd="1" DefaultInd="1"

PhoneNumber="44-208-1535" PhoneTechType="3"/>
      <Email>Mi5Info@mi5.co.uk</Email>
    </CompanyInfo>
    <TPA_Extensions>
      <Key1>53219876</Key1>
      <Key2>110</Key2>
    </TPA_Extensions>
  </Profile>
</ProfileInfo>

```

```

    <ProfileInfo>
      <UniqueID Type="5" ID="123456789" ID_Context="IATA"/>
      <!--code 5 = Travel agency-->
      <Profile ProfileType="4">
        <!--code 4 = TravelAgent-->
        <CompanyInfo>
          <CompanyName>TravelDreams</CompanyName>
          <AddressInfo>
            <AddressLine>56 Bond Street</AddressLine>
            <CityName>London</CityName>
            <PostalCode>W1 3PQ</PostalCode>
            <StateProv StateCode="England"/>
            <CountryName Code="UK"/>
          </AddressInfo>
          <TelephoneInfo FormattedInd="1" DefaultInd="1"
PhoneNumber="442081522" PhoneTechType="1"/>
          <TelephoneInfo FormattedInd="1" DefaultInd="1"
PhoneNumber="442081523" PhoneTechType="3"/>
          <Email>reservations@traveldreams.co.uk</Email>
        </CompanyInfo>
      </Profile>
    </ProfileInfo>
  </Profiles>
  <ArrivalTransport>
    <TransportInfo Time="2006-01-12T14:00:00" Type="Air" ID="BA125"/>
  </ArrivalTransport>
  <DepartureTransport>
    <TransportInfo Time="2006-01-17T19:00:00" Type="Air" ID="BA126"/>
  </DepartureTransport>
</ResGuest>
</ResGuests>
<ResGlobalInfo>
  <HotelReservationIDs>
    <HotelReservationID ResID_Type="24" ResID_Value="MPW96E"/>
    <!--code 24 = Travel Agent PNR-->
    <HotelReservationID ResID_Type="10" ResID_Value="914562"/>
    <!--code 10 = PMS confirmation nr-->
  </HotelReservationIDs>
</ResGlobalInfo>
</HotelReservation>
</HotelReservations>

```

```
</OTA_HotelResNotifRQ>
```

2.5 Change Reservation Response

The change reservation response is made using the OTA_HotelResNotifRS message.

2.5.1 Usage Profile Table

Element @Attribute	Num	Description/Contents
OTA_HotelResNotifRS	1	Root element of the message.
@EchoToken	0..1	As per OTA Specifications.
@Version	1	Version is a mandatory attribute in OTA – therefore it must remain mandatory in HTNG in order to be able to use the same message
@TimeStamp	1	time of the transaction
@ResResponseType	1	Given that the OTA_HotelResNotifRQ message is used for additions, modifications and cancellations, this attribute is used to replicate whether the original message was an addition, a modification or a cancellation and does not refer to the status of the transaction itself but rather to the nature of the original message. The only 3 enumerations allowed will therefore be: Committed, Modified and Cancelled. In this case Modified would be used.
OTA_HotelResNotifRS / Errors / Error	1..99	Mandatory ONLY if Success element is not sent. Only needed if RQ message was unsuccessful.

Element @Attribute	Num	Description/Contents
@Type	1	Mandatory in OTA. Refers to OTA EWT list (error warning type).
@Code	0..1	Refers to OTA list ERR . Should be used wherever possible
@RecordID	0..1	If the receiving system is able to identify within a batch of reservations which reservation failed, the uniqueID of the rejected reservation should be reported here
OTA_HotelResNotifRS / Success	1	Mandatory if no Errors where sent. This is the annotation that the reservation batch was received successfully. It could be combined with warning messages if some of the reservations in the batch had issues
OTA_HotelResNotifRS / Warnings / Warning	0..99	Can be used in conjunction with Success message
@Type	1	Refers to OTA EWT list (error warning type).
@Code	0..1	Refers to OTA list ERR . Should be used wherever possible
@RecordID	0..1	If the receiving system is able to identify within a batch of reservations which reservation has a warning, the uniqueID of that reservation should be reported here.
OTA_HotelResNotifRS / HotelReservations / HotelReservation / UniqueID	1	This is the confirmation number for the reservation assigned by the immediate originator of the booking (i.e the system which sent the OTA_HotelResNotifRQ message for which the OTA_HotelresNotifRS message is sent).
@Type	1	Type is assigned values from the UIT code list. If the original system was a CRS: Type = 14 – Reservation ID is the actual confirmation number If it was a PMS: Type = 10 - Hotel
@ID	1	ID is the CRS confirmation number (or PMS nr if the reservation was originated in the PMS)
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGlobalInfo / HotelReservationIDs / HotelReservationID	1..n	This is the confirmation number associated by the system which received the booking.
@ResID_Type	1	Type is assigned values from the UIT code list.

Element @Attribute	Num	Description/Contents
		<p>If it is a PMS: ResID_Type = 10 - Hotel</p> <p>If it is a CRS: ResID_Type = 14 – Reservation</p> <p>For any other type of system the implementing partners should agree on the appropriate code from the OTA UIT code list.</p>
@ResID_Value	1	ResID_Value is the actual confirmation number

2.5.2 ExampleMessage

```

<OTA_HotelResNotifRS xmlns="http://www.opentravel.org/OTA/2003/05"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.opentravel.org/OTA/2003/05 OTA_HotelResNotifRS.xsd" EchoToken="879791900"
TimeStamp="2005-01-26T19:31:02-05:00" Version="1.003" ResResponseType="Modified">
  <Success/>
  <HotelReservations>
    <HotelReservation>
      <UniqueID Type="14" ID="3741"/>
      <ResGlobalInfo>
        <HotelReservationIDs>
          <HotelReservationID ResID_Type="10" ResID_Value="82329987"/>
          <!-- Res ID Type 10 = Hotel from OTA code table UIT -->
        </HotelReservationIDs>
      </ResGlobalInfo>
    </HotelReservation>
  </HotelReservations>
</OTA_HotelResNotifRS>

```

2.6 Cancel Reservation Request

The cancel reservation request is made using the OTA_HotelResNotifRQ message.

2.6.1 Usage Profile Table

Element @Attribute	Num	Description/Contents
OTA_HotelResNotifRQ	1	Root element of the message.
@EchoToken	0..1	As per OTA Specifications.
@ResStatus	1	Of all the enumerations listed by OTA, the one recommended by HTNG for this message should be: “Cancel”
@Version	1	Version is a mandatory attribute in OTA – therefore it must remain mandatory in HTNG in order to be able to use the same message
@TimeStamp	1	time of the transaction
OTA_HotelResNotifRQ / POS / Source / RequestorID	1	This identifies the system which is sending the reservation.
@Type	1	Type attribute uses the OTA code list UIT and ID is used for the name or ID of the requestor. For example, type 22 – ERSP (Electronic reservation service provider) and ID: TrustCRS
@ID	1	The Id used will be agreed to by the trading partners and remain the same throughout the messages
OTA_HotelResNotifRQ / HotelReservations / HotelReservation	1	Must be sent for the message to have a meaning
@CreatorID	1	The CreatorID is the identifier of the user or, in its absence, the office that originated the reservation.
@ CreateDateTime	1	This is the date when the reservation was first made
@LastModifiedDateTime	1	This indicates the last date and time when the reservation was modified.

Element @Attribute	Num	Description/Contents
@LastModifierID	1	This indicates the last user who modified the reservation.
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / UniqueID	1	The unique ID depends on the system generating the booking, i.e. if the booking is generated by the PMS this field would contain the PMS confirmation number , if the system is a CRS, the CRS confirmation number. The Unique ID generated by the system originating the booking must be carried through to the final receiver of the booking (generally the PMS) to ensure that the client can use the same confirmation number whether he / she deals with the web site originating the booking or the central reservation office of the hotel or the property itself.
@Type	1	Type is assigned codes from the UIT (Unique Id Type) code list. If the originator is a CRS the recommended value for this message is 14 – Reservation. If the originator is a PMS the recommended value for this message would be 10 - Hotel
@ID	1	ID is the actual confirmation number
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGlobalInfo / HotelReservationIDs / HotelReservationID	1..n	This can be used to transfer: 1 .the confirmation number associated by the system which received the booking. (Mandatory) 2. This would also be used to pass the cancellation number of the reservation being cancelled IF the generating system assigns a different cancellation number to the original Unique ID (Optionally). If it does not, the same info passed in Unique ID would be repeated here (Optionally)
@ResID_Type	1	For the transfer of the confirmation nr associated to the booking by the receiving system, Type is assigned values from the UIT code list and possible values are: If it is a PMS: ResID_Type = 10 - Hotel If it is a CRS: ResID_Type = 14 – Reservation For any other type of system the implementing partners should agree on the appropriate

Element @Attribute	Num	Description/Contents
		code from the OTA UIT code list. For the transfer of the cancellation nr associated to the booking by the originating system, Type is assigned values from the UIT code list and possible values are: 15 – [Cancellation],
@ResID_Value	1	ResID_Value is the actual confirmation number (if type is 10 or 14) ResID_Value would be the cancellation number from the originating system (if type is 15)
@ResID_Source	0..1	ResID_Source would be used ONLY if transferring a cancellation nr and would transfer the name of the system that generated the cancellation number (i.e. the CRS or the PMS)
@ResID_Date	0..1	ResID_Date would be optionally used when transferring a cancellation nr and it would indicate the date when the cancellation took place

2.6.2 ExampleMessage

```
<OTA_HotelResNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.opentravel.org/OTA/2003/05 OTA_HotelResNotifRQ.xsd" Version="1.003"
EchoToken="879791950" ResStatus="Cancel" TimeStamp=" 2005-10-09T20:51:45">
  <POS>
    <Source>
      <RequestorID Type="22" ID="TrustCRS" />
      <!-- code 22 = Electronic reservation service provider -->
    </Source>
  </POS>
  <HotelReservations>
    <HotelReservation CreateDateTime="2005-10-09T08:51:45" CreatorID="FLAUA" LastModifierID="AMR"
    ="2005-12-21T20:51:45">
      <UniqueID Type="14" ID="3741"></UniqueID>
      <ResGlobalInfo>
```

```

        <HotelReservationIDs>
            <HotelReservationID ResID_Type="10" ResID_Value="82329987"
ResID_Source="FDesk System"/>
            <HotelReservationID ResID_Type="15" ResID_Value="CXLMPW96E"
ResID_Source="TrustCRS"/>
        </HotelReservationIDs>
    </ResGlobalInfo>
</HotelReservation>
</HotelReservations>
</OTA_HotelResNotifRQ>

```

The cancel reservation response is made using the OTA_HotelResNotifRS message.

2.6.3 Usage Profile Table

Element @Attribute	Num	Description/Contents
OTA_HotelResNotifRS	1	Root element of the message.
@EchoToken	0..1	As per OTA Specifications.
@Version	1	Version is a mandatory attribute in OTA – therefore it must remain mandatory in HTNG in order to be able to use the same message
@TimeStamp	1	time of the transaction
@ResResponseType	1	Given that the OTA_HotelResNotifRQ message is used for both additions, modifications and cancellations, this attribute is used to replicate whether the original message was an addition, a modification or a cancellation and does not refer to the status of the transaction itself but rather to the nature of the original message. The only 3 enumerations allowed will therefore be: Committed, Modified and Cancelled. In this case Cancelled would be used.
OTA_HotelResNotifRS / Errors / Error	1..99	Mandatory ONLY if Success element is not sent. Only needed if RQ message was unsuccessful.
@Type	1	Mandatory in OTA. Refers to OTA EWT list (error warning type).

Element @Attribute	Num	Description/Contents
@Code	0..1	Refers to OTA list ERR . Should be used wherever possible
@RecordID	0..1	If the receiving system is able to identify within a batch of reservations which reservation failed, the uniqueID of the rejected reservation should be reported here
OTA_HotelResNotifRS / Success	1	Mandatory if no Errors where sent. This is the annotation that the reservation batch was received successfully. It could be combined with warning messages if some of the reservations in the batch had issues
OTA_HotelResNotifRS / Warnings / Warning	0..99	Can be used in conjunction with Success message
@Type	1	Refers to OTA EWT list (error warning type).
@Code	0..1	Refers to OTA list ERR . Should be used wherever possible
@RecordID	0..1	If the receiving system is able to identify within a batch of reservations which reservation has a warning, the uniqueID of that reservation should be reported here.
OTA_HotelResNotifRS / HotelReservations / HotelReservation / UniqueID	1	This is the confirmation number for the reservation assigned by the immediate originator of the booking (i.e the system which sent the OTA_HotelResNotifRQ message for which the OTA_HotelresNotifRS message is sent).
@Type	1	Type is assigned values from the UIT code list. If the original system was a CRS: Type = 14 – Reservation ID is the actual confirmation number If it was a PMS: Type = 10 - Hotel
@ID	1	ID is the CRS confirmation number (or PMS nr if the reservation was originated in the PMS)
OTA_HotelResNotifRQ / HotelReservations / HotelReservation / ResGlobalInfo /	1..n	This can be used to transfer: 1. the confirmation number associated by the system which received the booking (Mandatory).

Element @Attribute	Num	Description/Contents
HotelReservationIDs / HotelReservationID		<p>2. the cancellation number of the reservation being cancelled IF the generating system assigns a different cancellation number to the original Unique ID. (Optionally) If it does not, the same info passed in Unique ID would be repeated here (Optionally)</p> <p>3. the cancellation nr of the receiving system IF the receiving system assigns a different cancellation number to the original confirmation (Optionally)</p>
@ResID_Type	1	<p>For the transfer of the confirmation nr associated to the booking by the receiving system, Type is assigned values from the UIT code list and possible values are:</p> <p>If it is a PMS: ResID_Type = 10 - Hotel</p> <p>If it is a CRS: ResID_Type = 14 – Reservation</p> <p>For any other type of system the implementing partners should agree on the appropriate code from the OTA UIT code list.</p> <p>For the transfer of the cancellation nr associated to the booking by the originating system and/or by the receiving system, Type is assigned values from the UIT code list and possible values are: 15 – [Cancellation],</p>
@ResID_Value	1	<p>ResID_Value is the actual confirmation number (if type is 10 or 14)</p> <p>ResID_Value would be the cancellation number from the originating system (if type is 15)</p>
@ResID_Source	0..1	ResID_Source would be used ONLY if transferring a cancellation nr and would transfer the name of the system that generated the cancellation number (i.e. the CRS or the PMS)
@ResID_Date	0..1	ResID_Date would be optionally used when transferring a cancellation nr and it would

Element @Attribute	Num	Description/Contents
		indicate the date when the cancellation took place

2.6.4 ExampleMessage

```

<OTA_HotelResNotifRS xmlns="http://www.opentravel.org/OTA/2003/05"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.opentravel.org/OTA/2003/05 OTA_HotelResNotifRS.xsd" EchoToken="879791950"
TimeStamp="2005-01-26T20:52:02-05:00" Version="1.003" ResResponseType="Cancelled">
  <Success/>
  <HotelReservations>
    <HotelReservation>
      <UniqueID Type="14" ID="3741"></UniqueID>
      <ResGlobalInfo>
        <HotelReservationIDs>
          <!-- code 15 = Cancellation -->
          <HotelReservationID ResID_Type="15" ResID_Value="CXLMPW96E"
ResID_Source="TrustCRSx"/>
          <HotelReservationID ResID_Type="10" ResID_Value="82329987"
ResID_Source="FDesk System"/>
          <HotelReservationID ResID_Type="15" ResID_Value="123456789CXL"
ResID_Source="FDesk System"/>
        </HotelReservationIDs>
      </ResGlobalInfo>
    </HotelReservation>
  </HotelReservations>
</OTA_HotelResNotifRS>

```

2.7 FAQ

2.7.1 How should all the identifiers be assigned?

The UniqueID element at the top of the message will contain the confirmation id given to the guest given by the first reservation system. This identifier will be carried through to all other systems. Additional identifiers are added as needed in a ReservationID element at the bottom of the message.

2.7.2 How should errors and warnings be used?

The response messages have an option between sending a Success element with an optional collection of Warning elements or a collection of Error elements. It has been agreed that when the request message is not processed the response will only have error elements. When the message is processed then the Success element will be sent, along with any warnings indicating issues that did not prevent the processing but should result in some future correction by the implementers of the message.

2.7.3 How can share reservations be sent?

Share reservations should be sent in a single message with all members of the share in the repeating HotelReservation element.