



HOTEL TECHNOLOGY – NEXT GENERATION
Property/Distribution Solution
Usage Profile – Rates
Version 1.0.3

FINAL

Version 1.0.3 includes a minor update to the 'About HTNG' section.

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Following paragraph added, for v1.0.3 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: UPDATE RATES

The update rates usage profile covers the pushing of rate plan definitions from one system to another.

2.1 Scope

This usage profile includes

It does not include group rates or package rates, covered in separate usage profiles.

2.2 Update Rate Request

The update rate request is sent using the OTA_HotelRatePlanNotifRQ message.

2.2.1 Usage Profile Table

Element @Attribute	Num	Description/Contents
OTA_HotelRatePlanNotifRQ	1	Root element of the message.
@EchoToken	0..1	Optional
@Timestamp	1	time of the transaction
@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
@MessageContentCode	1	The attribute refers to the MCC OTA code list which includes Rate, Package, Group
OTA_HotelRatePlanNotifRQ / RatePlans	1	Element grouping the rate plans to be transferred.
@HotelCode	1	This is the code of the property whose availability is being updated
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan	1..n	Element defining rate plan being sent. Upper limit to be agreed by trading partners
@RatePlanCode	1	This is the rate plan which is being uploaded/downloaded
@RatePlanCategory	0..1	This is the segment/category which the rate being uploaded/downloaded belongs to. Only one RatePlanCategory is acceptable for RatePlan code, therefore the RatePlanCategory must be the same for all seasons passed.

Element @Attribute	Num	Description/Contents
@YieldableIndicator	0..1	Boolean attribute to indicate whether the rate is yieldable or not. Only one Yieldable indicator is acceptable for RatePlan code, therefore the Yieldable indicator must be the same for all seasons passed.
@YieldDeltaAmount	0..1	Numeric attribute indicating the amount to be added or subtracted to the rate to determine the real “yieldable” value of the rate.
@MarketCode	0..1	String attribute to indicate the market code for the rate. Only one MarketCode is acceptable for RatePlan code, therefore the MarketCode must be the same for all seasons passed.
@RestrictedDisplayIndicator	0..1	This attribute is a boolean to indicate if the rate is to be considered “Confidential”. Only one Confidential attribute is acceptable for each RatePlan code, therefore the attribute must be the same for all seasons passed.
@RatePlanNotifType	1	This enumeration indicates whether the upload/download is meant to overwrite existing data or add to it. Possible enumerations are: New, Delta, Overlay, Remove
@Start, @End	1	<p>In general, the Start and End attributes used at the RatePlan level, should be used as follows: the Start attribute should be equal to the earliest Start attribute at the Rate level, and the End attribute should be equal to the latest End attribute at the Rate level.</p> <p>In other words, the Start and End attributes at the RatePlan level should specify the entire span of dates representing the Rate elements found in the Rates collection.</p> <p>HOWEVER, the same Start and End attribute at Rate Plan level could be used to indicate the actual seasons of the rate if the 2 systems integrating using this message intend to transfer some of the elements at rate plan level as season-based elements. For instance if the 2 system are both capable of treating the “Commissionable” indicator as a seasonal item rather than an item that applies to the entire rate.</p> <p>If the Start and End attribute at rate plan level are used to indicate each season, the Start and End attribute at rate level WOULD ONLY BE USED in case of DOW variations – if no DOW variation is needed the Start and end attributes at Rate level could be omitted.</p>
@InventoryAllocatedInd	0..1	Boolean attribute to indicate whether the inventory allocated to this rate is taken out of the house inventory. Only one InvBlock indicator is acceptable for RatePlan code, therefore the InvBlock indicator must be the same for all seasons passed.
@IsCommissionable	1	This indicates whether the rate season is commissionable or not. If the Boolean is sent as False, the rate season is not commissionable. If the Boolean is set to “True”, but NO commission is sent in the commission element, then the commission to be applied is the default one for the property. If the Boolean is set to True and a commission is passed in the field then the commission sent is the one applied to the rate season.
OTA_HotelRatePlanNotifRQ /	2	This element should be repeated twice: one instance for the short description and the other for the long

Element @Attribute	Num	Description/Contents
RatePlans / RatePlan / Description		description of the rate that is being uploaded / downloaded.
@Name	1	This element should be repeated twice: one instance for the short description and the other for the long description of the rate that is being uploaded / downloaded. Its value must be 'Short decription' in one instance and 'Long Description' in the other.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / Description / Text	1	This element inside the Description element described above has the actual text corresponding to the long and short description of the rate being uploaded / downloaded.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / UniqueID	1	
@Type	1	Refers to OTA code list UIT – nr 16 = Reference. This is used to identify each single rate plan message for error reporting purposes..
@ID	1	ID is a unique incremental number for each rate plan message that identifies that specific message.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / Commission	0..1	
@Percent	0..1	This is the amount of commission paid to an agency for booking the rate that is being uploaded/downloaded
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules	0..1	Optional. Used to transfer booking rules
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule	1	Mandatory if BookingRules is transferred.
@MinAdvancedBookingOffset	0..1	This is the minimum amount of days prior to arrival that the rate can be booked
@MaxAdvancedBookingOffset	0..1	This is the maximum amount of days prior to arrival that the rate can be booked
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / LengthsOfStay	1	SetMinLOS & SetMaxLOS mandatory.
OTA_HotelRatePlanNotifRQ /	2	SetMinLOS & SetMaxLOS mandatory.

Element @Attribute	Num	Description/Contents
RatePlans / RatePlan / BookingRules / BookingRule / LengthsOfStay / LengthOfStay		
@MinMaxMessageType =SetMinLOS, @Time @TimeUnit	1	This is the minimum length of stay requirement associated to the rate that is being uploaded/downloaded. See note at the beginning of the document with regards to alternative solution on how to transmit the LOS restrictions.
@MinMaxMessageType =SetMaxLOS, @Time @TimeUnit	1	This is the maximum length of stay requirement associated to the rate that is being uploaded/downloaded. See note at the beginning of the document with regards to alternative solution on how to transmit the LOS restrictions.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / DOW_Restrictions / AvailableDaysOfWeek	0..1	Element of transfer DOW when stay is possible
@Mon,@Tue,@Weds,@Thur,@Fri, @Sat,@Sun	0..1 per day	The day of the week indicators selected are those in which the rate plan is available and therefore could be used to reflect when STAY is possible. Days marked as 0 (boolean) would mean on those days the rate is not available and therefore stay would not be possible If one DOW indicator is used they must all be used
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / DOW_Restrictions / ArrivalDaysOfWeek	0..1	Element of transfer DOW when arrival is possible
@Mon,@Tue,@Weds,@Thur,@Fri, @Sat,@Sun	0..1 per day	The day of the week indicators set to 1 are those in which Arrival is allowed. Those set to 0 are the days in which arrival is not allowed
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships	0..n	
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule /	1	Path to BookingChannelCodes

Element @Attribute	Num	Description/Contents
Viewerships / Viewership /		
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships / Viewership / BookingChannelsCodes /	0..1	
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships / Viewership / BookingChannelsCodes / BookingChannelCode	0..n	This would be used to indicate which Channels are allowed to view and book the rate – Could be substituted with SystemCode
@Sort	0..1	The attribute “sort” can be associated to each code Must be a string where we can pass C for closed as well as a selling order.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / Rates	0..1	Includes all rates loaded for the rate plan
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / Rates / Rate	1..n	Upper limit may be agreed upon partners
@Start, @End	0..1	This set of Start and End attribute represent the start and end of each season which is being transferred with the rate. HOWEVER, If the Start and End attribute at rate plan level are used to indicate each season, the Start and End attribute at rate level WOULD ONLY BE USED in case of DOW variations – if no DOW variation is needed the Start and end attributes at Rate level could be omitted.
@CurrencyCode	1	This is the currency associated to the rate that is being uploaded/downloaded – it could be different to the currency loaded for the property
@Mon,@Tue,@Weds,@Thur,@Fri, @Sat,@Sun	0..1 per day	These DOW indicators are used to specify to which days the rate passed is applicable. If one is sent, they must all be sent and rates must be sent for each exception. If there is an exception to the pricing DOW indicators must be passed and the Rate element is then repeated for the exception days. Exception to the pricing are only allowed if no stay or arrival restriction have been applied.
@InvTypeCode	1	This is the room type for which the rates are transferred. For each room type a new instance of the Rate element must be passed. If the room type is transmitted with rate values attached it will be considered opened at the price indicated. If the room type is passed with a 0 value it will be considered closed for that rate plan (i.e. not applicable for the rate plan). If in a modification

Element @Attribute	Num	Description/Contents
		message a room type that was previously loaded is Not sent, then it remains unchanged.
@Status	0..1	This is used to indicate for each room code passed for the rate whether it is opened or closed. Default value to be agreed by partners.
@RateTimeUnit, @UnitMultiplier	0..1	If NOT sent the default assumed is always 1 day (i.e the rate is based on a nightly rate). Rate Time unit is an Enumeration of time units upon which the RateAmount is based (e.g., daily, weekly, single rate for full stay). UnitMultiplier is the number of RateTimeUnits that the rate Amount is based upon (e.g., rate for 1 day in case of nightly rates).
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / Rates / Rate / BaseByGuestAmnts / BaseByGuestAmt	1..n	AT LEAST 1 INSTANCE FOR NUMBEROFGUESTS=1 is mandatory
@NumberOfGuests	1	The NumberOfGuest Attribute indicates what type of rate is being passed – if NumberOfGuests is = 1 then we are transmitting a single rate, if higher than 1 then it is a double or full occupancy rate
@AmountBeforeTax or @AmountAfterTax	1	Either AmountBeforeTax or AmountAfterTax is mandatory for each @NumberOfGuests
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / Rates / Rate / AdditionalGuestAmounts / AdditionalGuestAmount	0..n	Used to transfer extra adult and extra child information
@AgeQualifyingCode	0..1	@AgeQualifyingCode - 8 = child, 10 = adult
@Percent OR @Amount	0..1	This is the percentage of the single rate that represents the child rate . Could also be expressed as fixed amount.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / RatePlanLevelFee	0..1	Linked to Total Pricing – used to pass all Tax and fees info.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / RatePlanLevelFee / Fee	1..n	Repeatable once per fee.
@Type	0..1 per Fee	An enumeration to indicate whether the fee is inclusive, exclusive or cumulative

Element @Attribute	Num	Description/Contents
@Code	0..1 per Fee	The Code attribute refers to the OTA FeeTaxType code list and is used to indicate what fee is being transferred. Code used will be: 17- Total Tax 16 - Surcharge 14 - Service charge 27 - Miscellaneous 19 - VAT/GST Tax 8 - Lodging tax 15 - State tax 3 - City tax 10 - Occupancy tax 34 - Local Fee A request has been made to OTA for the MPT list to be accessible from the same attribute so that meal plan info can also be passed in the same field.
@Amount OR @Percent	1 per Fee	Either @Amount or @Percent is mandatory
@Charge Unit	0..1	Charge Unit is used to indicate the unit of measure of the fee/tax passed: Based on the OTACHarge Type code list, some examples are: 18 - Per room per stay 19 - Per room per night 20 - Per person per stay 21 - Per person per night
@CurrencyCode	0..1	
@MandatoryIndicator	0..1	MandatoryIndicator is a boolean Attribute . This will indicate if the fee or mal plan passed is mandatory or not

Element @Attribute	Num	Description/Contents
		and will help in the determination of the calculation for total pricing
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / RatePlanLevelFee / Fee / Description	0..1	Linked to Total Pricing – used to pass all Tax and fees info. For Fees and tax that are not OTA coded, Description/Text will be used to indicate the fee that is being passed. Only 1 description allowed for each fee element
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / RatePlanLevelFee / Fee / Description / Text	1	Description of the fee
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / CancelPenalties /	0..1	Used to transfer the Cancellation penalty for the rate plan transferred
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / CancelPenalties / CancelPenalty	0..1	
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / CancelPenalties / CancelPenalty / Deadline	0..1	
@AbsoluteDeadline	0..1	This is used to indicate the “exact date” or “exact date and time” by which a reservation made for the rate passed needs to be cancelled in order to avoid penalties
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / CancelPenalties / CancelPenalty / Deadline		This is used to indicate the “number of days or hours”, “Before arrival” or “after booking” by which a reservation made for the rate passed needs to be cancelled in order to avoid penalties.
		The following 3 attributes are used to indicate the “number of days or hours”, “Before arrival” or “after booking” by which a reservation made for the rate passed needs to be cancelled in order to avoid penalties.
@OffsetDropTime	0..1	An enumeration to indicate BeforeArrival or AfterBooking

Element @Attribute	Num	Description/Contents
@OffsetUnitMultiplier	0..1	a numeric to indicate the number of hours or days by which to cancel
@OffsetTimeUnit	0..1	An enumeration to indicate whether we are talking about hours or days. Possible enumerations for Ota are various BUT RECOMMENDED ENUMERATIONS to be used by HTNG should only be: Hour and Day
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / CancelPenalties / CancelPenalty / AmountPercent	1	Conditionally mandatory. If a Deadline is passed, then an AmountPercent must also be indicated using the appropriate attribute
@NbrOfNights OR @Amount OR @Percent	1	Conditionally mandatory.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / AcceptableGuarantees /	0..1	This is used to transfer Guarantee AND/OR Deposit policies for the rate.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / AcceptableGuarantees / AcceptableGuarantee	1..n	This is used to indicate the specific Guarantee AND/OR Deposit policy for the rate.
@GuaranteePolicyType	0..1	To pass a Guarantee policy, the GuaranteeType attribute will be set to GuaranteeRequired. To pass a deposit it will be set to DepositRequired
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / AcceptableGuarantees / AcceptableGuarantee / GuaranteesAccepted	1	Conditionally mandatory - if GuaranteeType is passed.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / AcceptableGuarantees / AcceptableGuarantee / GuaranteesAccepted /	1	Mandatory

Element @Attribute	Num	Description/Contents
GuaranteeAccepted		
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / AcceptableGuarantees / AcceptableGuarantee / GuaranteesAccepted / GuaranteeAccepted / PaymentCard	1	Mandatory
@GuaranteeCode	1	the Code associated to the guarantee or deposit. Set to Card Type OTA code CDT nr 1- Credit
@CardType	1	Used to indicate that the deposit or guarantee must be provided by credit card. Set to Card Type OTA code CDT nr 1- Credit
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / AcceptableGuarantees / AcceptableGuarantee / GuaranteeDescription / Text	0..1	
@GuaranteeCode	0..1	Goes with the GuaranteeCode attribute and describes the Guarantee or Deposit requirement. For instance: GuaranteeCode = GCD, GuranteeDescription/Text = Guarantee by Corporate ID GuaranteeCode = DDP, GuranteeDescription/Text = Deposit by Check,Transfer

2.2.2 Example Message

Scenario:

CRS “123” needs to transmit the following Rate download to PMS “ABC”

Message Type	Rate
Hotel Code	HXCAIZZ
Rate plan	SR

HOTEL TECHNOLOGY NEXT GENERATION

USAGE PROFILE - RATES

Rate segment	S
Yieldable	Y
Inventory Block	No
MarkeCode	Test1
Start date:	Jan 1 st 2006
End date:	Jan 31 st 2006
Short Description	Special Rate January 06
Long Description	rate includes complimentary daily newspaper
Commission Percentage	8.50
Min LOS	1
Max LOS	3
Min adv Booking req	7
Max adv Booking req	14
Stay Allowed	Thu-Fri-Sat-Sun
Arrival allowed	Thu-Fri
Channel allowed	Voice only
Currency	Euro
Yield value	-20.00
Child rate percentage	50
Guarantee	Guarantee by CC required
Cancellation	Cancellation 1 day prior to arrival
Cancellation penalty	1 night
Taxes - VAT	17.50% incl.

Surcharges	Flat fee of EUR 5.00 per person per night excl. Mandatory
Breakfast	15.00 per person per day excl. Not mandatory
Exception days	None
Room Type:	A1K
Single price:	100.00
Full price:	180.00
Extra bed price	30
Status:	Open
Room Type:	A2T
Single price:	120.00
Full price:	200.00
Extra bed price	50

```

<OTA_HotelRatePlanNotifRQ 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_HotelRatePlanNotifRQ.xsd" Version="1.001"
EchoToken="000" TimeStamp="2005-08-03T09:30:47-05:00" MessageContentCode="8">
  <!-- MessageContentCode=8 for Rate Update -->
  <RatePlans HotelCode="HXCAIZZ">
    <RatePlan RatePlanNotifType="New" RatePlanCode="SR" RatePlanCategory="S" Start="2006-01-01"
End="2006-01-31" CurrencyCode="EUR" YieldableIndicator="true" MarketCode="Test1"
InventoryAllocatedInd="false" IsCommissionable="1">
      <BookingRules>
        <BookingRule MinAdvancedBookingOffset="P7D" MaxAdvancedBookingOffset="P14D">
          <AcceptableGuarantees>
            <AcceptableGuarantee GuaranteePolicyType="GuaranteesRequired"
GuaranteeCode="GCC">
              <GuaranteesAccepted>
                <GuaranteeAccepted>
                  <PaymentCard CardType="1"/>
                </GuaranteeAccepted>
              </GuaranteesAccepted>
            </AcceptableGuarantee>
          </AcceptableGuarantees>
        </BookingRule>
      </BookingRules>
    </RatePlan>
  </RatePlans>
</OTA_HotelRatePlanNotifRQ>

```

```

        </GuaranteesAccepted>
        <GuaranteeDescription>
            <Text>Guarantee by credit card</Text>
        </GuaranteeDescription>
    </AcceptableGuarantee>
</AcceptableGuarantees>
<CancelPenalties>
    <CancelPenalty>
        <Deadline OffsetTimeUnit="Day" OffsetDropTime="BeforeArrival"
OffsetUnitMultiplier="1"/>
        <AmountPercent NmbrOfNights="1">
    </AmountPercent>
    </CancelPenalty>
</CancelPenalties>
<LengthsOfStay>
    <LengthOfStay MinMaxMessageType="SetMinLOS" Time="1" TimeUnit="Day">
    </LengthOfStay>
    <LengthOfStay MinMaxMessageType="SetMaxLOS" Time="3" TimeUnit="Day">
    </LengthOfStay>
</LengthsOfStay>
<DOW_Restrictions>
    <AvailableDaysOfWeek Sun="1" Sat="1" Tue="0" Mon="0" Fri="1" Weds="0"
Thur="0"/>
    <ArrivalDaysOfWeek Sun="0" Sat="0" Tue="0" Mon="0" Fri="1" Weds="0"
Thur="1"/>
</DOW_Restrictions>
<Viewerships>
    <Viewership>
        <BookingChannelCodes>
            <BookingChannelCode Sort="0">VC</BookingChannelCode>
        </BookingChannelCodes>
    </Viewership>
</Viewerships>
</BookingRule>
</BookingRules>
<Rates>
    <Rate RateTimeUnit="Day" UnitMultiplier="1" InvTypeCode="A2T" Sun="1" Sat="1"
Tue="1" Fri="1" Mon="1" CurrencyCode="EUR" Weds="1" Thur="1">
    <BaseByGuestAmts>
        <BaseByGuestAmt AgeQualifyingCode="10" NumberOfGuests="1"
AmountAfterTax="120.00">

```

```

        </BaseByGuestAmt>
        <BaseByGuestAmt AgeQualifyingCode="10" NumberOfGuests="2"
AmountAfterTax="200.00">
            </BaseByGuestAmt>
        </BaseByGuestAmts>
        <AdditionalGuestAmounts>
            <AdditionalGuestAmount Percent="50" AgeQualifyingCode="8">
                </AdditionalGuestAmount>
            <AdditionalGuestAmount Amount="50.00" AgeQualifyingCode="10">
                </AdditionalGuestAmount>
            </AdditionalGuestAmounts>
        </Rate>
        <Rate RateTimeUnit="Day" UnitMultiplier="1" InvTypeCode="A1K" Sun="1" Sat="1"
Tue="1" Fri="1" Mon="1" CurrencyCode="EUR" Weds="1" Thur="1">
            <BaseByGuestAmts>
                <BaseByGuestAmt AgeQualifyingCode="10" NumberOfGuests="1"
AmountAfterTax="100.00">
                    </BaseByGuestAmt>
                <BaseByGuestAmt AgeQualifyingCode="10" NumberOfGuests="2"
AmountAfterTax="180.00">
                    </BaseByGuestAmt>
            </BaseByGuestAmts>
            <AdditionalGuestAmounts>
                <AdditionalGuestAmount Percent="50" AgeQualifyingCode="8">
                    </AdditionalGuestAmount>
                <AdditionalGuestAmount Amount="30.00" AgeQualifyingCode="10">
                    </AdditionalGuestAmount>
            </AdditionalGuestAmounts>
        </Rate>
    </Rates>
    <RatePlanLevelFee>
        <Fee Percent="17.50" Type="Inclusive" ChargeUnit="12" Code="19" CurrencyCode="EUR"
MandatoryIndicator="true">
            </Fee>
        <Fee ChargeUnit="21" Type="Exclusive" Code="16" Amount="5.00" CurrencyCode="EUR"
MandatoryIndicator="true">
            </Fee>
        <Fee ChargeUnit="21" Type="Exclusive" Amount="15.00" CurrencyCode="EUR"
MandatoryIndicator="false">
            <Description>
                <Text>Breakfast charge</Text>

```

```

        </Description>
      </Fee>
    </RatePlanLevelFee>
    <Commission Percent="8.50"/>
    <Description Name="Short description">
      <Text>Special Rare January 2006</Text>
    </Description>
    <Description Name="Long description">
      <Text>rate includes complimentary daily newspaper</Text>
    </Description>
  </RatePlan>
</RatePlans>
</OTA_HotelRatePlanNotifRQ>

```

2.3 Update Rate Response

The update rate response is sent using the OTA_HotelRatePlanNotifRS message.

2.3.1 Usage Profile Table

Element @Attribute	Num	Description/Contents
OTA_HotelRatePlanNotifRS	1	Root element of the message.
@EchoToken	0..1	Optional
@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_HotelRatePlanNotifRS / Errors	1	The attribute refers to the MCC OTA code list which includes Rate, Package, Group
OTA_HotelRatePlanNotifRS / Errors / Error	1..99	Mandatory

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 availability status messages which specific message failed, the UniqueID of the message should be reported here.
OTA_HotelRatePlanNotifRS / Success	1	This is the annotation that the rate plan message batch was received successfully. It could be combined with warning messages if some of the messages in the batch had issues
OTA_HotelRatePlanNotifRS / Warnings	1	The attribute refers to the MCC OTA code list which includes Rate, Package, Group
OTA_HotelRatePlanNotifRS / Warnings / Warning	1..99	Mandatory
@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 availability status messages which specific message failed, the UniqueID of the message should be reported here.

2.3.2 Example Message

Scenario:

PMS “ABC” sends CRS “123” a response indicating the update was processed successfully.

```
<OTA_HotelRatePlanNotifRS 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_HotelRatePlanNotifRS.xsd" Version="1.001 "
EchoToken="000" TimeStamp="2005-08-03T09:30:47-05:00">
<Success/>
</OTA_HotelRatePlanNotifRS>
```

2.4 FAQ

2.4.1 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.

3.0 USAGE PROFILE 2: UPDATE GROUP RATES

The update rates usage profile covers the pushing of group rate plan definitions from one system to another.

3.1 Scope

This usage profile includes group rates.

It does not include simple rates or package rates, covered in separate usage profiles.

3.2 Update Group Rate Request

The update rate request is sent using the OTA_HotelRatePlanNotifRQ message.

3.2.1 Usage Profile Table

Element @Attribute	Num	Description/Contents
OTA_HotelRatePlanNotifRQ	1	Root element of the message.
@EchoToken	0..1	Optional
@Timestamp	1	time of the transaction
@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
@MessageContentCode	1	The attribute refers to the MCC OTA code list which includes Rate, Package, Group
OTA_HotelRatePlanNotifRQ / RatePlans	1	Element grouping the rate plans to be transferred.
@HotelCode	1	This is the code of the property whose availability is being updated
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan	1..n	Element defining rate plan being sent. Upper limit to be agreed by trading partners
@RatePlanCode	1	This is the rate plan which is being uploaded/downloaded
@RatePlanCategory	0..1	This is the segment/category which the rate being uploaded/downloaded belongs to. Only one RatePlanCategory is acceptable for RatePlan code, therefore the RatePlanCategory must be the same for all seasons passed.

Element @Attribute	Num	Description/Contents
@YieldableIndicator	0..1	Boolean attribute to indicate whether the rate is yieldable or not. Only one Yieldable indicator is acceptable for RatePlan code, therefore the Yieldable indicator must be the same for all seasons passed.
@YieldDeltaAmount	0..1	Numeric attribute indicating the amount to be added or subtracted to the rate to determine the real “yieldable” value of the rate.
@MarketCode	0..1	String attribute to indicate the market code for the rate. Only one MarketCode is acceptable for RatePlan code, therefore the MarketCode must be the same for all seasons passed.
@RestrictedDisplayIndicator	0..1	This attribute is a boolean to indicate if the rate is to be considered “Confidential”. Only one Confidential attribute is acceptable for each RatePlan code, therefore the attribute must be the same for all seasons passed.
@RatePlanNotifType	1	This enumeration indicates whether the upload/download is meant to overwrite existing data or add to it. Possible enumerations are: New, Delta, Overlay, Remove
@Start, @End	1	The first and last dates of the season which is being uploaded/downloaded for the rate
@InventoryAllocatedInd	0..1	Boolean attribute to indicate whether the inventory allocated to this rate is taken out of the house inventory. Only one InvBlock indicator is acceptable for RatePlan code, therefore the InvBlock indicator must be the same for all seasons passed.
@IsCommissionable	1	This indicates whether the rate season is commissionable or not. If the Boolean is sent as False, the rate season is not commissionable. If the Boolean is set to “True”, but NO commission is sent in the commission element, then the commission to be applied is the default one for the property. If the Boolean is set to True and a commission is passed in the field then the commission sent is the one applied to the rate season.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / Description	2	This element should be repeated twice: one instance for the short description and the other for the long description of the rate that is being uploaded / downloaded.
@Name	1	This element should be repeated twice: one instance for the short description and the other for the long description of the rate that is being uploaded / downloaded. Its value must be ‘Short decription’ in one instance and ‘Long Description’ in the other.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / Description / Text	1	This element inside the Description element described above has the actual text corresponding to the long and short description of the rate being uploaded / downloaded.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / UniqueID	1	
@Type	1	Refers to OTA code list UIT – nr 16 = Reference. This is used to identify each single rate plan message for

Element @Attribute	Num	Description/Contents
		error reporting purposes..
@ID	1	ID is a unique incremental number for each rate plan message that identifies that specific message.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / Commission	0..1	
@Percent	0..1	This is the amount of commission paid to an agency for booking the rate that is being uploaded/downloaded
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules	0..1	Optional. Used to transfer booking rules
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule	1..n	Mandatory if BookingRules is transferred.
@MinAdvancedBookingOffset	0..1	This is the minimum amount of days prior to arrival that the rate can be booked
@MaxAdvancedBookingOffset	0..1	This is the maximum amount of days prior to arrival that the rate can be booked
@AbsoluteCutOff	1	This is the release date on which the allotment of rooms set aside for the group will be released back into the house inventory
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / LengthsOfStay	1	SetMinLOS & SetMaxLOS mandatory.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / LengthsOfStay / LengthOfStay	2	SetMinLOS & SetMaxLOS mandatory.
@MinMaxMessageType =SetMinLOS, @Time @TimeUnit	1	This is the minimum length of stay requirement associated to the rate that is being uploaded/downloaded. See note at the beginning of the document with regards to alternative solution on how to transmit the LOS restrictions.
@MinMaxMessageType =SetMaxLOS, @Time @TimeUnit	1	This is the maximum length of stay requirement associated to the rate that is being uploaded/downloaded. See note at the beginning of the document with regards to alternative solution on how to transmit the LOS restrictions.
OTA_HotelRatePlanNotifRQ /	0..n	

Element @Attribute	Num	Description/Contents
RatePlans / RatePlan / BookingRules / BookingRule / Viewerships		
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships / Viewership /	1	Path to BookingChannelCodes
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships / Viewership / Profiles	1	
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships / Viewership / Profiles / Profile	1..n	
@ProfileType	1	ProfileType uses an OTA code list and for Group rate upload must default to code nr 6 - Group
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships / Viewership / Profiles / Profile / CompanyInfo / CompanyName	1	This is the name of the Organizer of the group
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships / Viewership / Profiles / Profile / CompanyInfo / AddressInfo / AddressLine	1	This is the Street address of the Organizer of the group
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships / Viewership / Profiles / Profile / CompanyInfo /	1	This is the City of the Organizer of the group

Element @Attribute	Num	Description/Contents
AddressInfo / CityName		
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships / Viewership / Profiles / Profile / CompanyInfo / AddressInfo / CountryName	1	This is the Country of the Organizer of the group .
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships / Viewership / Profiles / Profile / CompanyInfo / TelephoneInfo /	1	
@PhoneNumber & @PhoneTechType	1	This is the Telephone number of the Organizer of the group. PhoneTechType uses an OTA code list (PTT) and must be set to 1 [Voice]
@PhoneNumber & @PhoneTechType	1	This is the fax number of the Organizer of the group. PhoneTechType uses an OTA code list (PTT) and must be set to 3 [Fax]
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships / Viewership / Profiles / Profile / CompanyInfo / Email	1	This is the email address of the Organizer of the group
@AbsoluteCutOff	1	This is the release date on which the allotment of rooms set aside for the group will be released back into the house inventory
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / DOW_Restrictions / AvailableDaysOfWeek	0..1	Element of transfer DOW when stay is possible
@Mon,@Tue,@Weds,@Thur,@Fri, @Sat,@Sun	0..1 per day	The day of the week indicators selected are those in which the rate plan is available and therefore could be used to reflect when STAY is possible. Days marked as 0 (boolean) would mean on those days the rate is not available and therefore stay would not be possible

Element @Attribute	Num	Description/Contents
		If one DOW indicator is used they must all be used
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / DOW_Restrictions / ArrivalDaysOfWeek	0..1	Element of transfer DOW when arrival is possible
@Mon,@Tue,@Weds,@Thur,@Fri, @Sat,@Sun	0..1 per day	The day of the week indicators set to 1 are those in which Arrival is allowed. Those set to 0 are the days in which arrival is not allowed
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / DOW_Restrictions / DepartureDaysOfWeek	0..1	Element of transfer DOW when departure is possible
@Mon,@Tue,@Weds,@Thur,@Fri, @Sat,@Sun	0..1 per day	The day of the week indicators set to 1 are those in which departure is allowed. Those set to 0 are the days in which departure is not allowed
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships / Viewership / BookingChannelsCodes /	0..1	
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / Viewerships / Viewership / BookingChannelsCodes / BookingChannelCode	0..n	This would be used to indicate which Channels are allowed to view and book the rate – Could be substituted with SystemCode
@Sort	0..1	The attribute “sort” can be associated to each code Must be a string where we can pass C for closed as well as a selling order.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / Rates	0..1	Includes all rates loaded for the rate plan
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / Rates /	1..n	Upper limit may be agreed upon partners

Element @Attribute	Num	Description/Contents
Rate		
@Start, @End	1	NEED TO DISCUSS THIS REQUEST BY SMS TO INTRODUCE START AND END AT THIS LEVEL
@CurrencyCode	1	This is the currency associated to the rate that is being uploaded/downloaded – it could be different to the currency loaded for the property
@YieldValue	0..n	Optional AND NOT CURRENTLY in the OTA message. A comment has been submitted to OTA to request addition for the 2005B release. It will be a numeric attribute.
@Mon, @Tue, @Weds, @Thur, @Fri, @Sat, @Sun	0..1 per day	These DOW indicators are used to specify to which days the rate passed is applicable. If one is sent, they must all be sent and rates must be sent for each exception. If there is an exception to the pricing DOW indicators must be passed and the Rate element is then repeated for the exception days. Exception to the pricing are only allowed if no stay or arrival restriction have been applied - ONLY ONE EXCEPTION IS ALLOWED (2 SETS OF PRICING PER RATE SEASON)
@InvTypeCode	1	This is the room type for which the rates are transferred. For each room type a new instance of the Rate element must be passed. If the room type is transmitted with rate values attached it will be considered opened at the price indicated. If the room type is passed with a 0 value it will be considered closed for that rate plan (i.e. not applicable for the rate plan). If in a modification message a room type that was previously loaded is Not sent, then it remains unchanged.
@Status	0..1	This is used to indicate for each room code passed for the rate whether it is opened or closed. Default value to be agreed by partners.
@RateTimeUnit, @UnitMultiplier	0..1	If NOT sent the default assumed is always 1 day (i.e the rate is based on a nightly rate). Rate Time unit is an Enumeration of time units upon which the RateAmount is based (e.g., daily, weekly, single rate for full stay). UnitMultiplier is the number of RateTimeUnits that the rate Amount is based upon (e.g., rate for 1 day in case of nightly rates).
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / Rates / Rate / AdditionalGuestAmounts / AdditionalGuestAmount	0..n	Used to transfer extra adult and extra child information
@AgeQualifyingCode	0..1	@AgeQualifyingCode - 8 = child, 10 = adult
@Percent OR @Amount	0..1	This is the percentage of the single rate that represents the child rate . Could also be expressed as fixed amount.

Element @Attribute	Num	Description/Contents
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / Rates / Rate / BaseByGuestAmnts / BaseByGuestAmt	1..n	AT LEAST 1 INSTANCE FOR NUMBEROFGUESTS=1 is mandatory
@NumberOfGuests	1	The NumberOfGuest Attribute indicates what type of rate is being passed – if NumberOfGuests is = 1 then we are transmitting a single rate, if higher than 1 then it is a double or full occupancy rate
@AmountBeforeTax or @AmountAfterTax	1	Either AmountBeforeTax or AmountAfterTax is mandatory for each @NumberOfGuests
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / RatePlanLevelFee	0..1	Linked to Total Pricing – used to pass all Tax and fees info.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / RatePlanLevelFee / Fee	1..n	Repeatable once per fee.
@Type	0..1 per Fee	An enumeration to indicate whether the fee is inclusive, exclusive or cumulative
@Code	0..1 per Fee	<p>The Code attribute refers to the OTA FeeTaxType code list and is used to indicate what fee is being transferred. Code used will be:</p> <ul style="list-style-type: none"> 17– Total Tax 16 – Surcharge 14 – Service charge 27 – Miscellaneous 19 – VAT/GST Tax 8 – Lodging tax 15 – State tax 3 – City tax 10 – Occupancy tax 34 – Local Fee <p>A request has been made to OTA for the MPT list to be accessible from the same attribute so that meal plan</p>

Element @Attribute	Num	Description/Contents
		info can also be passed in the same field.
@Amount OR @Percent	1 per Fee	Either @Amount or @Percent is mandatory
@Charge Unit	0..1	Charge Unit is used to indicate the unit of measure of the fee/tax passed: Based on the OTACharge Type code list, some examples are: 18 - Per room per stay 19 - Per room per night 20 - Per person per stay 21 - Per person per night
@CurrencyCode	0..1	
@MandatoryIndicator	0..1	MandatoryIndicator is a boolean Attribute . This will indicate if the fee or mal plan passed is mandatory or not and will help in the determination of the calculation for total pricing
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / RatePlanLevelFee / Fee / Description	0..1	Linked to Total Pricing – used to pass all Tax and fees info. For Fees and tax that are not OTA coded, Description/Text will be used to indicate the fee that is being passed. Only 1 description allowed for each fee element
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / RatePlanLevelFee / Fee / Description / Text	1	Description of the fee
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / CancelPenalties /	0..1	Used to transfer the Cancellation penalty for the rate plan transferred
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / CancelPenalties / CancelPenalty	0..1	
OTA_HotelRatePlanNotifRQ /	0..1	

Element @Attribute	Num	Description/Contents
RatePlans / RatePlan / BookingRules / BookingRule / CancelPenalties / CancelPenalty / Deadline		
@AbsoluteDeadline	0..1	This is used to indicate the “exact date” or “exact date and time” by which a reservation made for the rate passed needs to be cancelled in order to avoid penalties
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / CancelPenalties / CancelPenalty / Deadline		This is used to indicate the “number of days or hours”, “Before arrival” or “after booking” by which a reservation made for the rate passed needs to be cancelled in order to avoid penalties.
		The following 3 attributes are used to indicate the “number of days or hours”, “Before arrival” or “after booking” by which a reservation made for the rate passed needs to be cancelled in order to avoid penalties.
@OffsetDropTime	0..1	An enumeration to indicate BeforeArrival or AfterBooking
@OffsetUnitMultiplier	0..1	a numeric to indicate the number of hours or days by which to cancel
@OffsetTimeUnit	0..1	An enumeration to indicate whether we are talking about hours or days. Possible enumerations for Ota are various BUT RECOMMENDED ENUMERATIONS to be used by HTNG should only be: Hour and Day
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / CancelPenalties / CancelPenalty / AmountPercent	1	Conditionally mandatory. If a Deadline is passed, then an AmountPercent must also be indicated using the appropriate attribute
@NbrOfNights OR @Amount OR @Percent	1	Conditionally mandatory.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / AcceptableGuarantees /	0..1	This is used to transfer Guarantee AND/OR Deposit policies for the rate.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule /	1..n	This is used to indicate the specific Guarantee AND/OR Deposit policy for the rate.

Element @Attribute	Num	Description/Contents
AcceptableGuarantees / AcceptableGuarantee		
@GuaranteePolicyType	0..1	To pass a Guarantee policy, the GuaranteeType attribute will be set to GuaranteeRequired. To pass a deposit it will be set to DepositRequired
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / AcceptableGuarantees / AcceptableGuarantee / GuaranteesAccepted	1	Conditionally mandatory - if GuaranteeType is passed.
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / AcceptableGuarantees / AcceptableGuarantee / GuaranteesAccepted / GuaranteeAccepted	1	Mandatory
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / AcceptableGuarantees / AcceptableGuarantee / GuaranteesAccepted / GuaranteeAccepted / PaymentCard	1	Mandatory
@GuaranteeCode	1	the Code associated to the guarantee or deposit. Set to Card Type OTA code CDT nr 1- Credit
@CardType	1	Used to indicate that the deposit or guarantee must be provided by credit card. Set to Card Type OTA code CDT nr 1- Credit
OTA_HotelRatePlanNotifRQ / RatePlans / RatePlan / BookingRules / BookingRule / AcceptableGuarantees / AcceptableGuarantee / GuaranteeDescription / Text	0..1	

Element @Attribute	Num	Description/Contents
@GuaranteeCode	0..1	Goes with the GuaranteeCode attribute and describes the Guarantee or Deposit requirement. For instance: GuaranteeCode = GCD, GuranteeDescription/Text = Guarantee by Corporate ID GuaranteeCode = DDP, GuranteeDescription/Text = Deposit by Check,Transfer

3.2.2 Example Message

Scenario:

PMS “ABC” needs to transmit the following Rate download to CRS “123”

MessageContentCode:	Group rate
Hotel Code	HXCAIZZ
Rate plan	G1
Rate segment	G
Yieldable	N
Inventory Block	Yes
MarkeCode	Test1
Start date:	Dec 20 th 2005
End date:	Dec 31 st 2005
Short Description	Xmas Group 05
Long Description	rate includes Xmas party dinner
Commission Percentage	8.50
Min LOS	7
Max LOS	10

HOTEL TECHNOLOGY NEXT GENERATION

USAGE PROFILE - RATES

Min adv Booking req	30
Max adv Booking req	90
Organizer's Name	PartyLand Company
Organizer's Street	LyonerStrasse 40
Organizer's City	Frankfurt
Organizer's State	Germany
Organizer's Phone	49 69 664 65100
Organizer's email	partyland@parties.com
Organizer's fax	49 69 664 65101
Release date	Dec 1 st 2005
Stay Allowed	All days
Arrival Allowed	All days
Departure Allowed	All days
Channel allowed	GDS and Voice only
Currency	Euro
Yield value	-50.00
Child rate percentage	50
Guarantee	Deposit by CC required
Cancellation	Cancellation 30 days prior to arrival
Cancellation penalty	50% of stay
Taxes - VAT	17.50% incl.
Surcharges	Flat fee of EUR 5.00 per person per night excl.
Full American Bkf	25.00 per person per day excl.

HOTEL TECHNOLOGY NEXT GENERATION

USAGE PROFILE - RATES

Exception days	Fri-Sat-Sun
Room Type:	C2T
Single price:	100.00
Full price:	180.00
Extra bed price	30
Exception pricing:	
Single price:	120.00
Full price:	200.00
Extra bed price	50

```

<OTA_HotelRatePlanNotifRQ 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_HotelRatePlanNotifRQ.xsd" Version="1.001"
EchoToken="000" TimeStamp="2005-08-03T09:30:47-05:00" MessageContentCode="9">
  <!-- MessageContentCode=9 for Group Rate Update -->
  <RatePlans HotelCode="HXCAIZZ">
    <RatePlan RatePlanNotifType="New" RatePlanCode="G1" RatePlanCategory="G" Start="2005-12-20"
End="2005-12-31" CurrencyCode="EUR" YieldableIndicator="false" MarketCode="Test1"
InventoryAllocatedInd="true" IsCommissionable="1">
      <BookingRules>
        <BookingRule MinAdvancedBookingOffset="P30D" MaxAdvancedBookingOffset="P90D"
AbsoluteCutoff="2005-12-01">
          <AcceptableGuarantees>
            <AcceptableGuarantee GuaranteePolicyType="DepositRequired"
GuaranteeCode="DCC">
              <GuaranteesAccepted>
                <GuaranteeAccepted>
                  <PaymentCard CardType="1"/>
                </GuaranteeAccepted>
              </GuaranteesAccepted>
              <GuaranteeDescription>
                <Text>Deposit by credit card</Text>
              </GuaranteeDescription>
            </AcceptableGuarantee>
          </AcceptableGuarantees>
        </BookingRule>
      </BookingRules>
    </RatePlan>
  </RatePlans>
</OTA_HotelRatePlanNotifRQ>

```

```

        </AcceptableGuarantee>
    </AcceptableGuarantees>
    <CancelPenalties>
        <CancelPenalty>
            <Deadline OffsetTimeUnit="Day" OffsetDropTime="BeforeArrival"
OffsetUnitMultiplier="30"/>
            <AmountPercent Percent="50.00">
            </AmountPercent>
        </CancelPenalty>
    </CancelPenalties>
    <LengthsOfStay>
        <LengthOfStay MinMaxMessageType="SetMinLOS" Time="5" TimeUnit="Day">
        </LengthOfStay>
        <LengthOfStay MinMaxMessageType="SetMaxLOS" Time="10" TimeUnit="Day">
        </LengthOfStay>
    </LengthsOfStay>
    <DOW_Restrictions>
        <AvailableDaysOfWeek Sun="1" Sat="1" Tue="1" Mon="1" Fri="1" Weds="1"
Thur="1"/>
        <ArrivalDaysOfWeek Sun="1" Sat="1" Tue="1" Mon="1" Fri="1" Weds="1"
Thur="1"/>
        <DepartureDaysOfWeek Sun="1" Sat="1" Tue="1" Mon="1" Fri="1" Weds="1"
Thur="1"/>
    </DOW_Restrictions>
    <Viewerships>
        <Viewership>
            <Profiles>
                <Profile ProfileType="6">
                    <CompanyInfo>
                        <CompanyName>PartyLand Company</CompanyName>
                        <AddressInfo>
                            <AddressLine>Lyonerstrasse
40</AddressLine>
                            <CityName>Frankfurt</CityName>
                            <CountryName>Germany</CountryName>
                        </AddressInfo>
                        <TelephoneInfo PhoneNumber="49 69 664 65100"
PhoneTechType="1"/>
                        <TelephoneInfo PhoneNumber="49 69 664 65101"
PhoneTechType="3"/>
                        <Email>partyland@parties.com</Email>
                    </CompanyInfo>
                </Profile>
            </Profiles>
        </Viewership>
    </Viewerships>

```

```

                </CompanyInfo>
            </Profile>
        </Profiles>
        <BookingChannelCodes>
            <BookingChannelCode Sort="0">AA</BookingChannelCode>
            <BookingChannelCode Sort="0">1A</BookingChannelCode>
            <BookingChannelCode Sort="0">UA</BookingChannelCode>
            <BookingChannelCode Sort="0">TW</BookingChannelCode>
            <BookingChannelCode Sort="0">VC</BookingChannelCode>
        </BookingChannelCodes>
    </Viewership>
</Viewerships>
</BookingRule>
</BookingRules>
<Rates>
    <Rate RateTimeUnit="Day" UnitMultiplier="1" InvTypeCode="C2T" CurrencyCode="EUR"
Sat="1" Sun="1" Mon="0" Tue="0" Weds="0" Thur="0" Fri="1">
        <BaseByGuestAmts>
            <BaseByGuestAmt AgeQualifyingCode="10" NumberOfGuests="1"
AmountAfterTax="120.00">
                </BaseByGuestAmt>
            <BaseByGuestAmt AgeQualifyingCode="10" NumberOfGuests="2"
AmountAfterTax="200.00">
                </BaseByGuestAmt>
        </BaseByGuestAmts>
        <AdditionalGuestAmounts>
            <AdditionalGuestAmount Percent="50" AgeQualifyingCode="8">
                </AdditionalGuestAmount>
            <AdditionalGuestAmount Amount="50.00" AgeQualifyingCode="10">
                </AdditionalGuestAmount>
        </AdditionalGuestAmounts>
    </Rate>
    <Rate RateTimeUnit="Day" UnitMultiplier="1" InvTypeCode="C2T" CurrencyCode="EUR"
Sat="0" Sun="0" Mon="1" Tue="1" Weds="1" Thur="1" Fri="0">
        <BaseByGuestAmts>
            <BaseByGuestAmt AgeQualifyingCode="10" NumberOfGuests="1"
AmountAfterTax="100.00">
                </BaseByGuestAmt>
            <BaseByGuestAmt AgeQualifyingCode="10" NumberOfGuests="2"
AmountAfterTax="180.00">
                </BaseByGuestAmt>
        </BaseByGuestAmts>
    </Rate>

```

```

        </BaseByGuestAmts>
        <AdditionalGuestAmounts>
            <AdditionalGuestAmount Percent="50" AgeQualifyingCode="8">
            </AdditionalGuestAmount>
            <AdditionalGuestAmount Amount="30.00" AgeQualifyingCode="10">
            </AdditionalGuestAmount>
        </AdditionalGuestAmounts>
    </Rate>
</Rates>
<RatePlanLevelFee>
    <Fee Percent="17.50" Type="Inclusive" ChargeUnit="12" Code="19" CurrencyCode="EUR">
    </Fee>
    <Fee ChargeUnit="21" Type="Exclusive" Code="16" Amount="5.00" CurrencyCode="EUR">
    </Fee>
    <Fee ChargeUnit="21" Type="Exclusive" Amount="25.00" CurrencyCode="EUR">
        <Description>
            <Text>Full American Breakfast</Text>
        </Description>
    </Fee>
</RatePlanLevelFee>
<Commission Percent="8.50"/>
<Description Name="Short description">
    <Text>Xmas Group 2005</Text>
</Description>
<Description Name="Long description">
    <Text>rate includes Xmas party dinner</Text>
</Description>
</RatePlan>
</RatePlans>
</OTA_HotelRatePlanNotifRQ>

```

3.3 Update Group Rate Response

The update rate response is sent using the OTA_HotelRatePlanNotifRS message.

3.3.1 Usage Profile Table

Element @Attribute	Num	Description/Contents
OTA_HotelRatePlanNotifRS	1	Root element of the message.
@EchoToken	0..1	Optional
@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_HotelRatePlanNotifRS / Errors	1	The attribute refers to the MCC OTA code list which includes Rate, Package, Group
OTA_HotelRatePlanNotifRS / Errors / Error	1..99	Mandatory
@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 availability status messages which specific message failed, the UniqueID of the message should be reported here.
OTA_HotelRatePlanNotifRS / Success	1	This is the annotation that the rate plan message batch was received successfully. It could be combined with warning messages if some of the messages in the batch had issues
OTA_HotelRatePlanNotifRS / Warnings	1	The attribute refers to the MCC OTA code list which includes Rate, Package, Group
OTA_HotelRatePlanNotifRS / Warnings / Warning	1..99	Mandatory
@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 availability status messages which specific message failed, the UniqueID of the message should be reported here.

3.3.2 Example Message

Scenario:

CRS “123” sends PMS “ABC” a response indicating the update was processed successfully.

```
<OTA_HotelRatePlanNotifRS 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_HotelRatePlanNotifRS.xsd" Version="1.001"  
EchoToken="000" TimeStamp="2005-08-03T09:30:47-05:00">  
<Success/>  
</OTA_HotelRatePlanNotifRS>
```

3.4 FAQ

3.4.1 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.