November 2014

OpenTravel 2014B Schema Comments Report

408	---
Submitted By: **John Taverna**	***SUBMITTER*** ---
	Comment
Sabre **Hospitality** **Solutions**	Currently ArrivalTransport and DepartureTransport only allow one TransportInfo element to be specified. The way we are using it now is to communicate how a guest is getting to the area (for example, by plane to BOS terminal). We have the additional need to communicate how a guest will get from an airport to the hotel and vice versa (for example from BOS to hotel A by shuttle).
	Proposed Change
	Have the TransportInfo element repeat in all ArrivalTransport and DepartureTransport elements in OTA_HotelResRQ/RS, OTA_HotelResNotifRQ/RS, OTA_HotelResModifyRQ/RS, OTA_HotelResModifyNotifRQ/RS and add the following optional attributes (currently found in RoomStay/BasicPropertyInfo/RelativePosition/Transportations/Transportation): TransportationCode ID Description NotificationRequired Note that any other info there could be added as well but we only have a current need for the above attributes. The Transport element is used to indicate what options a hotel offers to get to/from the hotel. We want to use it to specify which option a guest has selected to get to/from the hotel.

	RELEASE NOTES ---
	Schema File Name: OTA_HotelReservation
	X-Path: OTA_HotelReservation/TransportInfoType
	-added attributes @TransportationCode of type OTA_CodeType, optional @Description of type StringLength1to64, optional. @NotificationRequired of type StringLength1to64, optional. @TransportationID of type StringLenght1to32, optional.
	-annotations TransportationCode - The mode of transportation. Refer to OpenTravel Code List Transportation Code (TRP). Description - Descriptive information about the mode of transportation. NotificationRequired - This would be used for information such as a shuttle needs to be requested or a reservation is required. TransportationID - A unique identifying value assigned by the creating system. The ID attribute may be used to reference a primary-key value within a database or in a particular implementation.

409 **Submitted By:** **Anatoli Bobylev** **Vip Service**	-- ***SUBMITTER*** -- **Comment** Accommodation granularity in OTA_RailAvailRS is not compatible with OTA_RailBookRQ: there is no way to query availability on car/compartments/seat level for subsequent use in OTA_RailBookRQ. **Proposed Change** 1) Instead of using an extension of AccomodationType for the element "Accomodation", introduce a new type "AccomodationType2" (name is interim, but corresponds to MS recommended practices in naming COM interfaces) in OTA_RailCommonTypes.xsd 2) use the new type for "Accommodation" in /OTA_RailAvailRS/OriginDestinationInformation/OriginDestinationOption/JourneySegment/TrainSegment/ AvailabilityDetail/Accommodation 3) the definition of "AccomodationType2" is given below: <xs:complexType name="AccommodationType2"> <xs:annotation> <xs:documentation xml:lang="en">Type of accommodation including classes of Seat, berth, compartment on a train that occupied by a rail passenger. </xs:documentation> </xs:annotation> <xs:sequence> <xs:choice minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">A choice between a seat or berth accommodation.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Seat" type="SeatAccommodationType"> <xs:annotation> <xs:documentation xml:lang="en">The seat type, such as Seat and Sleeperette.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SeatAvailabilityDetail" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Car" maxOccurs="unbounded" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Compartment" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Seat" maxOccurs="unbounded"> <xs:complexType> <xs:attribute name="Number" type="AlphaNumericStringLength1to14" use="required"> <xs:annotation> <xs:documentation xml:lang="en">The seat number.</xs:documentation> </xs:annotation> </xs:attribute> <xs:attribute name="Position" type="SeatPositionType" use="optional"> <xs:annotation> <xs:documentation xml:lang="en">The seat position, such as Window, Aisle and Table.</xs:documentation> </xs:annotation> </xs:attribute> <xs:attribute name="Direction" type="SeatDirectionType" use="optional"> <xs:annotation> <xs:documentation xml:lang="en">The seat direction, such as Facing and Back.</xs:documentation> </xs:annotation> </xs:attribute> <xs:attribute name="Occupied" type="xs:boolean" use="required"/> </xs:complexType> </xs:element> </xs:sequence> <xs:attribute name="Number" type="AlphaNumericStringLength1to14" use="required"> <xs:annotation> <xs:documentation xml:lang="en">The compartment number.</xs:documentation> </xs:annotation> </xs:attribute> <xs:attribute name="Position" type="CompartmentPositionType" use="optional"> <xs:annotation> <xs:documentation xml:lang="en">The compartment position, such as Close to restaurant car.</xs:documentation> </xs:annotation> </xs:attribute> </xs:complexType> </xs:element> </xs:sequence> <xs:attribute name="Number" type="AlphaNumericStringLength1to14" use="required"> <xs:annotation> <xs:documentation xml:lang="en">The car number.</xs:documentation> </xs:annotation> </xs:attribute> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> <xs:sequence> <xs:element name="Berth" type="BerthAccommodationType"> <xs:annotation> <xs:documentation xml:lang="en">The berth type, such as Sleeper and Couchette.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="BerthAvailabilityDetail" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Car" maxOccurs="unbounded" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Compartment" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Berth" maxOccurs="unbounded"> <xs:complexType> <xs:attribute name="Number" type="AlphaNumericStringLength1to14" use="required"> <xs:annotation> <xs:documentation xml:lang="en">The berth number.</xs:documentation> </xs:annotation> </xs:attribute> <xs:attribute name="Position" type="BerthPositionType" use="optional"> <xs:annotation> <xs:documentation xml:lang="en">The berth position, such as Lower and Middle.</xs:documentation> </xs:annotation> </xs:attribute> <xs:attribute name="Occupied" type="xs:boolean" use="required"/> </xs:complexType> </xs:element> </xs:sequence> <xs:attribute name="Number" type="AlphaNumericStringLength1to14" use="required"> <xs:annotation> <xs:documentation xml:lang="en">The compartment number.</xs:documentation> </xs:annotation> </xs:attribute> <xs:attribute name="Position" type="CompartmentPositionType" use="optional"> <xs:annotation> <xs:documentation xml:lang="en">The compartment position, such as Close to restaurant car.</xs:documentation> </xs:annotation> </xs:attribute> </xs:complexType> </xs:element> </xs:sequence> <xs:attribute name="Number" type="AlphaNumericStringLength1to14" use="required"> <xs:annotation> <xs:documentation xml:lang="en">The car number.</xs:documentation> </xs:annotation> </xs:attribute> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:choice> <xs:element name="Class" type="AccommodationClass" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">The accommodation class, such as First Class and Second Class.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Compartment" type="CompartmentType" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">The compartment type, such as Family and Single.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> <xs:attribute name="Quantity" type="xs:positiveInteger" use="optional"> <xs:annotation> <xs:documentation xml:lang="en">The quantity.</xs:documentation> </xs:annotation> </xs:attribute> </xs:complexType> 4)

Reasoning: the proposed change provides for backward compatibility with the existing version of the "Accommodation" element. Basically what the new type adds is the detail information about available seats/berth for a given combination of "Seat/Class/Compartment" or "Berth/Class/Compartment" group Present sample: <beta:Accommodation Quantity="3"> <beta:Seat>Seat</beta:Seat> <beta:Class>Business</beta:Class> <beta:Compartment>Complete</beta:Compartment> </beta:Accommodation> Suggested extension: <beta:Accommodation Quantity="3"> <beta:Seat>Seat</beta:Seat> <beta:SeatAvailabilityDetail> <beta:Car Number="1"> <beta:Compartment Number="1" > <beta:Seat Number="1" Occupied="false"/> <beta:Seat Number="2" Occupied="false"/> </beta:Compartment> <beta:Compartment Number="2"> <beta:Seat Number="1" Occupied="false"/> <beta:Seat Number="2" Occupied="true"/> </beta:Compartment> </beta:Car> </beta:SeatAvailabilityDetail> <beta:Class>Business</beta:Class> <beta:Compartment>Complete</beta:Compartment> </beta:Accommodation> Please note that the response includes information on all places, including occupied. This is necessary for the requester to be able to understand the whole "car packaging" and not just what is currently available. Total accommodation quantity must be equal to the number of vacant places. "SeatAvailabilityDetail" and "BerthAvailabilityDetail" are optional components. If they are omitted (eg. the system does not provide the requested detail) the message has the same structure as before.

RELEASE NOTES

Schema File Name: OTA_RailCommonTypes

X-Path: OTA_RailCommonTypes/AccommodationType

-added elements and attributes

SeatAvailabilityDetail 0..1
SeatAvailabilityDetail/Car 0..unbounded with a required attribute @Number of type AlphaNumbericStringLength1to14
SeatAvailabilityDetail/Car/TPA_Extensions 0..1 of type TPA_ExtensionsType
SeatAvailabilityDetail/Car/Compartment 1.. unbounded with required attribute @Number of type AlphaNumbericStringLength1to14 and optional attribute @Position of type CompartmentPositionType
SeatAvailabilityDetail/Car/Compartment/TPA_Extensions 0..1 of type TPA_ExtensionsType
SeatAvailabilityDetail/Car/Compartment/Seat 1..unbounded with required attribute @Number of type AlphaNumbericStringLength1to14 and @AvailableInd of type xs:boolean and optional attributes @Position of type SeatPositionType and @Direction of type SeatDirectionType
SeatAvailabilityDetail/Car/Compartment/Seat/TPA_Extensions 0..1 of type TPA_ExtenstonsType

BerthAvailabilityDetail 0..1
BerthAvailabilityDetail/Car 0..unbounded with required attribute @Number of type AlphaNumbericStringLength1to14
BerthAvailabilityDetail/Car/TPA_Extensions 0..1 of type TPA_ExtensionsType
BerthAvailabilityDetail/Car/Compartment 1..unbounded with required attribute @Number of type AlphaNumbericStringLength1to14 and optional attribute @Position of type CompartmentPositionType
BerthAvailabilityDetail/Car/Compartment/TPA_Extensions 0..1 of type TPA_ExtensionsType
BerthAvailabilityDetail/Car/Compartment/Berth 1..unbounded with required attributes @Number of type AlphaNumbericStringLength1to14 and @AvailableInd of type xs:boolean and optional attribute @Position of type BerthPositionType
BerthAvailabilityDetail/Car/Compartment/Berth/TPA_Extensions 0..1 of type TPA_ExtensionsType

-annotations
SeatAvailabilityDetail - Provides details on the seat map.
Car - A car on this train.
    Number - The car number.
TPA_Extensions - A placeholder in the schema to allow for additional elements and attributes to be included per Trading Partner Agreement (TPA).
Compartment - A compartment in this car.
    Number - The compartment number
    Position - The compartment position, such as Close to restaurant car.
TPA_Extensions - A placeholder in the schema to allow for additional elements and attributes to be included per Trading Partner Agreement (TPA).
    Seat - A seat in this compartment.
    Number - The seat number.
    AvailableInd - When true,the seat is available. When false, the seat is not available.
    Position - The seat position, such as Window, Aisle and Table.
    Direction - The seat direction, such as Facing and Back.
TPA_Extensions - A placeholder in the schema to allow for additional elements and attributes to be included per Trading Partner Agreement (TPA).

BerthAvailabilityDetail - Provides details on the berth map.

	Car - A berth on this train.
	    Number - The car number.
	TPA_Extensions - A placeholder in the schema to allow for additional elements and attributes to be included per Trading Partner Agreement (TPA).
	Compartment - A compartment in this car.
	    Number - The compartment number.
	    Postition - The compartment position, such as Close to restaurant car.
	TPA_Extensions - A placeholder in the schema to allow for additional elements and attributes to be included per Trading Partner Agreement (TPA).
	Berth - A berth in this compartment.
	    Number - The berth number.
	    AvailableInd - When true, the berth is available.
	    Position - The berth position, such as Lower and Middle.
	TPA_Extensions - A placeholder in the schema to allow for additional elements and attributes to be included per Trading Partner Agreement (TPA).

410 **Submitted By:** **Paula Heilig** **Travelport**	-- *SUBMITTER* -- **Comment** Need to be able to specify that only Award fares should be returned for a specific airline. **Proposed Change** Add an optional attribute AwardOnlyFaresInd, xs:boolean, to VendorPref. -- *RELEASE NOTES* -- **Schema File Name:** OTA_AirPreferences **X-Path:** OTA_AirPreferences/AirSearchPrefsType/VendorPref *-added attribute* @AwardOnlyFaresInd of type xs:boolean, optional *-annotations* AwardOnlyFaresInd - When true, only award fares should be returned for this airline.

411	---
Submitted By: Ansu Elizabeth Philip **IBS Software Services**	***SUBMITTER*** --- **Comment** The cruise sail availability response can vary depending on the passenger type. Passenger type can be VIP, Frequent Travelers, Corporate Passenger etc. So it would be good if we have an element to pass this information, so that we can have responses suited to each passenger type **Proposed Change** Add a new element "PassengerType" in Search Qualifier node to hold passenger type information Passenger Type will be an optional attribute. StringLength1to32 Simple Type. -- ***RELEASE NOTES*** -- **Schema File Name:** OTA_CruiseCommonTypes **X-Path:** OTA_CruiseCommonTypes/SearchQualifierType *-added attribute* @PassengerType of type OTA_CodeType, optional *-annotations* PassengerType - Identifies a category for the guest. Refer to OpenTravel Code List Hotel Guest Type (GUE).

412	---
Submitted By: Ansu Elizabeth Philip **IBS Software Services**	***SUBMITTER*** --- **Comment** There are scenarios like cruises can be searched based on the theme of cruise. eg: "Search Cruises by "Honeymoon " theme or "Search for "Adventure" Cruises". If we have node to pass this information, then we can have better filtered response suiting to customer preference. **Proposed Change** Add a new element "CruiseTheme" in Search Qualifier node to hold cruise theme information Cruise Theme will be an optional element. StringLength1to32 Simple Type. --- ***RELEASE NOTES*** --- **Schema File Name:** OTA_CruiseCommonTypes **X-Path:** OTA_CruiseCommonTypes/SearchQualifierType *-added attribute* @CruiseTheme of type xs:StringLength1to32, optional *-annotations* CruiseTheme -Identifies a theme type for a cruise (e.g. Honeymoon, Adventure).

413 **Submitted By:** **Ansu Elizabeth** **Philip** **IBS Software** **Services**	-- ***SUBMITTER*** -- **Comment** There are scenarios where in one need to search cruises which offers flight inclusive packages along with cruising. As per the current xml structure we can search for flights and packages separately. Currently there is not an attribute to indicate that one would like all packages with air fare included to be returned in CruiseSailAvailRS. **Proposed Change** Add a new element "FlightIncluded" in InclusivePackageOption node to hold flight included information. FlightIncluded will be an optional element xs:boolean When true indicates flight included with package. -- ***RELEASE NOTES*** -- **Schema File Name:** OTA_CruiseCommonTypes **X-Path:** OTA_CruiseCommonTypes/SearchQualifierType *-added attribute* @FlightIncludedInd of type xs:boolean, optional *-annotations* FlightIncludedInd - When true, return cruises options that include flights.

414 **Submitted By:** **Ansu Elizabeth** **Philip** **IBS Software** **Services**	-- ***SUBMITTER*** -- **Comment** Campaign code is a unique identifier which identifies different campaigns Cruise companies run in the market to improve their sales.These campaign codes can be informational or used to get discounts in cruise price or used to get applicable promotions.We can also use campaign codes to apply promotion to specific cruises that fall in the promotion period.So it would be good if we have an element to pass this information,so that we can have responses suited to each campaign code. **Proposed Change** Add a new element "CampaignCode" in Search Qualifier node to hold campaign code information Campaign Code will be an optional element. StringLength1to32 Simple Type. -- ***RELEASE NOTES*** -- **Schema File Name:** OTA_CruiseCommonTypes **X-Path:** OTA_CruiseCommonTypes/SearchQualifierType *-added attribute* @PromotionCode of type xs:StringLength1to32, optional *-annotations* PromotionCode - Promotion code is the identifier used by the host to link directly with a specific named advertising campaign. By including the required code, the client is able to gain access to special offers which may have been created for a specifically targeted group via a CRM system or for a wider advertising campaign using Television or press adverts.

415	---
Submitted By: Ansu Elizabeth Philip	***SUBMITTER*** ---
	Comment
IBS Software Services	Campaign code is a unique identifier which identifies different campaigns Cruise companies run in the market to improve their sales. These campaign codes can be informational or used to get discounts in cruise price or used to get applicable promotions. We can also use campaign codes to apply promotion to specific cruises that fall in the promotion period. The existing OTA structure doesn't have node to pass the Campaign code.
	Proposed Change
	Add a new element "CampaignCode" in Search Qualifier node to hold campaign code information Campaign Code will be an optional element. StringLength1to32 Simple Type.
	--- ***RELEASE NOTES*** ---
	Schema File Name: OTA_CruiseCommonTypes
	X-Path: OTA_CruiseCommonTypes/SearchQualifierType
	Note: This comment was resolved with comment #414 as the change was made in a common type that is used in both messages.

416 **Submitted By:** **Ansu Elizabeth** **Philip** **IBS Software** **Services**	-- ***SUBMITTER*** -- **Comment** Passenger type can be VIP, Frequent Travelers, Corporate Passenger etc. There are scenarios in which Fare code can vary depending on passenger type. **Proposed Change** OTA_CruiseFareAvailRQ/SearchQualifiers/PaxType @PaxType optional field StringLength1to16 Simple Type -- ***RELEASE NOTES*** -- **Schema File Name:** OTA_CruiseCommonTypes **X-Path:** OTA_CruiseCommonTypes/SearchQualifierType **Note:** This comment was resolved with comment #411 as the change was made in a common type that is used in both messages.

417	---
Submitted By: **Paul Brugger** **TIC Ltd**	***SUBMITTER*** --- **Comment** The Twitter username is a way of communicating to passengers the same as email and phone. The functionality of providing passengers with real-time messages via social media would be advantageous over legacy communication methods. **Proposed Change** Add an additional field to capture and distribute the pax Twitter username --- ***RELEASE NOTES*** --- **Schema File Name:** OTA_CommonTypes **X-Path:** OTA_CommonTypes *-added complex type* SocialMediaType *-added attributes* @Type of type StringLength1to64, required @UserName of type StringLength1to64, required @PreferredContactInd of type xs: boolean, optional @ShareMarketInd of type xs:string, optional with the following enumerations: Yes No Inherit *-annotations* SocialMediaType - Specifies social media information used for communication with the traveler. Type - Identifies the social media site (e.g. Twitter, Facebook, etc.). UserName - Specifies the user name for this specific social media type. PreferredContactInd - When true, this social media type is the preferred method for social media communication. ShareMarketInd - Permission for sharing data for marketing purposes. **Schema File Name:** OTA_CommonTypes **X-Path:** OTA_CommonTypes/AirTravelerType *-added element* SocialMediaInfo of type SocialMediaType, 0..unbounded *-annotations* SocialMediaInfo - Specifies social media information used for communication with the traveler. **Schema File Name:** OTA_CommonTypes **X-Path:** OTA_CommonTypes/ContactPersonType *-added element* SocialMediaInfo of type SocialMediaType, 0..unbounded *-annotations* SocialMediaInfo - Specifies social media information used for communication with the traveler.

| 418

Submitted By:
Steve Sommers

Shift4
Corporation | ---
SUBMITTER

Comment

With our tokenization product we've had requests to add an authentication indicator to specify track 1 swipe, track 2 swipe or CVV2 code was included prior to tokenization. The tokenization process strips the above and replaces the payment info with a token and some merchants want the option to reject a reservation if the card was not provided with one of the above authentication methods.

Proposed Change

Add an optional AuthenticationInd attribute to the CardNumber element. Possible values would be M or S: M=Mag Stripe was provided, S=Security code was provided (CVV2, CVC, et. al.).

RELEASE NOTES

Schema File Name: OTA_CommonTypes

X-Path: OTA_CommonTypes/PaymentCardType/CardNumber

-added attribute
@AuthenticationMethod of type xs:string, optional with the following enumerations:
SecurityCode
MagneticStripe

-annotations
AuthenticationMethod - Specifies the method that was used to authenticate the card.
SecurityCode - This confirms that the security code was used as the type of authentication. The security code includes items such as CVV, CVV2, CVC, etc.
MagneticStripe - This confirms that the magnetic stripe was used as the type of authentication. |

419 **Submitted By:** **Ansu Elizabeth** **Philip** **IBS Software** **Services**	--- ***SUBMITTER*** --- **Comment** There can be scenarios where in cabins are restricted for genders. So in those cases it would be good to have a field to send preferred gender of the cabin occupants. Say for example: Della is travelling to Alaska on May 26,2015 in Star Virgo of Star Cruises.She has selected for fare code"WINTERDEAL". Since she is travelling alone, she prefers a shared cabin that is already occupied by another lady/ladies. Or Della is travelling to Alaska on May 26,2014 in Star Virgo of Star Cruises. She has selected for fare code"WINTERDEAL". Since she is travelling alone, she prefers an unoccupied shared cabin so that she can share the cabin with another lady/ladies. **Proposed Change** Add a new element "@PreferredGenderInCabin" under search qualifier to search for cabins that have gender restrictions. @PreferredGenderInCabin" element. Values can be "Male", "Female", "Both" --- ***RELEASE NOTES*** --- **Schema File Name:** OTA_CruiseCommonTypes **X-Path:** OTA_CruiseCommonTypes/SearchQualifierType *-added attribute* @SharedCabinGender of type xs:String, optional with the following enumerations: Female Male MaleAndFemale NoPreference *-annotations* SharedCabinGender - Indicates gender preference for cabin sharing.

420 **Submitted By:** **Ansu Elizabeth** **Philip** **IBS Software** **Services**	-- ***SUBMITTER*** -- **Comment** @PreferedGenderInCabin elememt will help to pass information regarding gender restrictions for cabin,iif there exists any. **Proposed Change** Add a new element @PreferedGenderInCabin in OTA_CruiseCabinAvailRS @PreferedGenderInCabin element Values will be "Male","Female", "Both". -- ***RELEASE NOTES*** -- **Schema File Name:** OTA_CruiseCommonTypes **X-Path:** OTA_CruiseCommonTypes/CabinOptionType *added attribute* @SharedCabinGender of type xs:String, optional with the following enumerations: Female Male MaleAndFemale NoPreference *-annotations* SharedCabinGender - Indicates gender preference for cabin sharing.

421 **Submitted By: Ansu Elizabeth Philip** **IBS Software Services**	`-------------------------------------------------` ***SUBMITTER*** `-------------------------------------------------` **Comment** The purpose of 'ConfirmedCabinOccupants' element will indicate whether the cabin is already occupied or not. Say for eg: I am searching for a cabin (cabin 301)for 1 pax. Cabin 301 has maximum occupancy of 4, and its already occupied by 2 adults. So in the request if I search for cabin 301, then the response should have an element to indicate whether the cabin 301 is already occupied or un occupied. This attribute should help me to identify the number of occupants already confirmed in that cabin so that I could identify how many more occupants could fit into the cabin. If this attribute has zero value, it shows an unoccupied cabin. **Proposed Change** Add a new element "ConfirmedCabinOccupants"in OTA_CruiseCabinAvailRS/CabinOptions/. @ConfirmedCabinOccupants" supports numeric value. `-------------------------------------------------` ***RELEASE NOTES*** `-------------------------------------------------` **Schema File Name:** OTA_CruiseCommonTypes **X-Path:** OTA_CruiseCommonTypes/CabinOptionType *added attribute* @ConfirmedOccupancy of type xs:NonNegativeInteger, optional *-annotations* ConfirmedOccupancy - Specifies the number of occupants currently assigned to a shared cabin. The value will be zero for an unoccupied cabin.

423	---
Submitted By:	***SUBMITTER***

Jason Waknell	**Comment**
	OTA_HotelProductNotifRQ/HotelProducts/HotelProduct/ValueAddInclusions/HotelAmenity/@HotelAmenity Code is not typed.
Pegasus	
	Proposed Change
	Type
	OTA_HotelProductNotifRQ/HotelProducts/HotelProduct/ValueAddInclusions/HotelAmenity/@HotelAmenity Code of type OTA_CodeType
	---
	RELEASE NOTES

	Schema File Name: OTA_HotelProduct
	X-Path: OTA_HotelProduct/HotelProducts/HotelProduct/ValueAddInclusions/HotelAmenity @HotelAmenityCode
	added type to attribute
	@HotelAmenityCode typed of OTA_CodeType

424 **Submitted By:** **Jason Waknell** **Pegasus**	-- ***SUBMITTER*** -- **Comment** OTA_HotelProductNotifRQ/HotelProducts/HotelProduct/ValueAddInclusions/MealPlan/@MealPlanCode is not typed **Proposed Change** Type OTA_HotelProductNotifRQ/HotelProducts/HotelProduct/ValueAddInclusions/MealPlan/@MealPlanCode of type OTA_CodeType --- ***RELEASE NOTES*** --- **Schema File Name:** OTA_HotelProduct **X-Path:** OTA_HotelProduct/HotelProducts/HotelProduct/ValueAddInclusions/MealPlan @MealPlanCode *added type to attribute* @MealPlanCode typed of OTA_CodeType

| 425

Submitted By:
Jason Waknell

Pegasus | --
SUBMITTER

Comment
OTA_HotelProductNotifRQ/HotelProducts/HotelProduct/BookingRules/BookingRule element is a child element of Booking Rules which is optional so BookingRule should be required.

Proposed Change
Change the minimum number of occurrences of OTA_HotelProductNotifRQ/HotelProducts/HotelProduct/BookingRules/BookingRule to be 1

RELEASE NOTES

Schema File Name: OTA_HotelProduct

X-Path: OTA_HotelProductNotifRQ/HotelProducts/HotelProduct/BookingRules

changed minimum occurrences to 1
BookingRule 1...unbounded |

426	--
Submitted By: Jason Waknell	***SUBMITTER***
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Pegasus	**Comment**
	OTA_HotelProductNotifRQ/HotelProducts/HotelProduct should have a TPA_Extensions element in order to allow for extensions.
	Proposed Change
	Add an element TPA_Extensions of type TPA_ExensionsType to OTA_HotelProductNotifRQ/HotelProducts/HotelProduct.
	--
	RELEASE NOTES
	--
	Schema File Name: OTA_HotelProduct
	X-Path: OTA_HotelProductNotifRQ/HotelProducts/HotelProduct
	added element:
	TPA_Extensions of type TPA_ExtensionsType

| 427

Submitted By:
Jason Waknell

Pegasus | --
SUBMITTER

Comment
To be consistent with other messages, HotelRef should be required since it has an optional container element HotelRefs.

 Proposed Change
Change OTA_HotelProductNotifRQ/HotelProducts/HotelProduct/HotelRefs/HotelRef to be min occurrences of 1.

RELEASE NOTES

Schema File Name: OTA_HotelProduct

X-Path: OTA_HotelProductNotifRQ/HotelProducts/HotelProduct/HotelRefs

changed minumum number of occurrences:
HotelRef 1...unbounded |

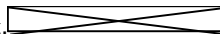| 428

Submitted By:
Jason Waknell

Pegasus | --
SUBMITTER

Comment
In this specific use both the CheckInTime and CheckOutTime should be typed xs:time because the date is not applicable in this use.

Proposed Change
Change OTA_HotelProductNotifRQ/HotelProducts/HotelProduct/ValueAddInclusions/RoomUseExtension/@CheckIn Time and @CheckOutTime from type TimeOrDateTimeType to xs:time.

RELEASE NOTES

Schema File Name: OTA_HotelProduct

X-Path: OTA_HotelProductNotifRQ/HotelProducts/HotelProduct/ValueAddInclusions/RoomUseExtensions

changed type on attributes:
CheckInTime to type xs:time
CheckOutTime to type xs:time |

429 **Submitted By:** **Jason Waknell** **Pegasus**	 **Comment** The annotation for the UniqueID element is incorrect. **Proposed Change** Update it to reflect its correct usage. -- ***RELEASE NOTES*** -- **Schema File Name:** OTA_HotelProduct **X-Path:** OTA_HotelProduct/HotelProducts/HotelProduct/UniqueID *Annotation:* The unique identifier element allows the trading partners to uniquely identify each HotelProduct for tracing of transactions. **Schema File Name:** OTA_HotelProduct **X-Path:** OTA_HotelProductNotifRQ/UniqueID *annotation:* The unique identifier element allows the trading partners to uniquely identify each HotelProductNotifRQ, (i.e. the entire message) for tracing of transactions.

430 **Submitted By: Alex Manolov** **Expedia**	--- ***SUBMITTER*** ---

Comment
We need an attribute to send the business model that is relevant for the rate plan.

Proposed Change
Add a new attribute
OTA_HotelProductNotifRQ/HotelProducts/HotelProduct/RatePlans/RatePlan/@PaymentCollection of type xs:string with the following enumerations:
Hotel
TravelAgency
HotelOrAgency

RELEASE NOTES

Schema File Name: OTA_HotelProduct

X-Path: OTA_HotelProduct/HotelProductType/RatePlans/RatePlan

added attribute:
@PaymentCollection of type xs:string, optional with the following enumerations:
Hotel
TravelAgency
HotelOrAgency

annotations:
PaymentCollection - Specifies who is to collect the payment.
Hotel - Hotel is collecting the payment.
TravelAgency - Online Travel Agent is collecting the payment.
HotelOrAgency - Both Hotel and Travel Agency options are supported.

| 431

Submitted By:
Jason Waknell

Pegasus | ---
SUBMITTER

Comment
To be consistent with other messages a common file called OTA_HotelProduct should be created with a complex type called HotelProductType and move structure from OTA_HotelProductRS to the common type. Type OTA_HotelProductsRS/HotelProducts/HotelProduct of type OTA_Hotel ProductType. OTA_HotelProductsNotifRQ/HotelProducts/HotelProduct of type OTA_Hotel ProductType and extend with the attribute ProductNotifType as already existed in the message. ⬚⧅⬚

Proposed Change
Create a new common file called OTA_HotelProduct with a complex type called HotelProductType and move structure from OTA_HotelProductRS to the common type. Type OTA_HotelProductsRS/HotelProducts/HotelProduct of type OTA_Hotel ProductType. OTA_HotelProductsNotifRQ/HotelProducts/HotelProduct of type OTA_Hotel ProductType and extend with the attribute ProductNotifType as already existed in the message.

RELEASE NOTES

Schema File Name: OTA_HotelProduct

X-Path: OTA_HotelProduct

added new common file:
OTA_HotelProduct

added new complex type:
HotelProductType

Schema File Name: OTA_HotelProductNotifRQ

X-Path: OTA_HotelProductNotifRQ/HotelProducts/HotelProduct

typed:
HotelProduct of type HotelProductType

attribute:
Extended HotelProductType with @ProductNotifType as previously existed.

Schema File Name: OTA_HotelProductNotifRQ

X-Path: OTA_HotelProductRS/HotelProducts/HotelProduct

typed:
HotelProduct of type HotelProductType |

432 **Submitted By:** **Alex Manolov** **Expedia**	-- ***SUBMITTER*** -- **Comment** Need the ability to indicate the maximum number of infants allowed in a room type. **Proposed Change** Add a new optional attribute OTA_HotelProduct/HotelProducts/HotelProduct/RoomTypes/RoomType/@MaxInfantOccupancy of type xs:nonNegativeInteger. -- ***RELEASE NOTES*** -- **Schema File Name:** OTA_HotelProduct **X-Path:** OTA_HotelProduct/HotelProductType/RoomTypes/RoomType *added attribute:* @MaxInfantOccupancy of type xs:nonNegativeInteger, optional *annotations:* MaxInfantOccupancy - Maximum number of infants allowed in a room type.

433	--
Submitted By: **Alex Manolov**	***SUBMITTER***
	--
Expedia	**Comment**
	We need to be able to specify the base number of occupants included in a rate plan.
	Proposed Change
	Add an optional attribute OTA_HotelProduct/HotelProductType/RatePlans/RatePlan @BaseOccupancy of type xs:nonNegativeInteger
	--
	RELEASE NOTES
	--
	Schema File Name: OTA_HotelProduct
	X-Path: OTA_HotelProduct/HotelProductType/RatePlans/RatePlan
	added attribute:
	@BaseOccupancy of type xs:nonNegativeInteger, optional
	annotations:
	BaseOccupancy- Specifies the number of guests included in the base room rate based on adult occupancy.

434	--
Submitted By: **Jason Waknell**	***SUBMITTER*** --
Pegasus	**Comment**
	In order to ensure that details are sent to specify what is to be returned in the response message the OTA_HotelProductRQ/HotelProducts/HotelProduct element should be required.
	Proposed Change
	Change OTA_HotelProductRQ/HotelProducts/HotelProduct iterations from 0..unbounded to 1..unbounded.
	--
	RELEASE NOTES --
	Schema File Name: OTA_HotelProductRQ
	X-Path: OTA_HotelProductRQ/HotelProducts/HotelProduct
	Changed optionality to required: OTA_HotelProduct 1..unbounded

435	--
Submitted By: **Jason Waknell**	***SUBMITTER*** --
Pegasus	**Comment**
	Product Automation - Room Type Codes When requesting details of sellable products (i.e. rate plan/room type combinations) using the current message definition, the full room details would need to be repeated in the response message for each rate plan that it is associated with (for some CRSs), which is inefficient. It would therefore be useful to have the option to request that only the room type code is returned for each hotel product instead of the full details. The room type code could then be used to lookup the full room type details, which could be retrieved in a separate transaction.
	Proposed Change
	Add a new attribute named Content to the RoomTypes element in the OTA_HotelProductRQ message. This would have enumerated values "ReferenceOnly" and "FullDetails", which would specify whether the response should just include the room type code (ReferenceOnly) or all the available information for each requested room type (FullDetails). Example: <OTA_HotelProductRQ Version="1.000" PrimaryLangID="en"> <HotelProducts> <HotelProduct ChainCode="XY" HotelCode="1234"> <RoomTypes SendAllInd="true" Content="ReferenceOnly"/> <RatePlans SendAllInd="true"/> </HotelProduct> </HotelProducts> </OTA_HotelProductRQ>
	RELEASE NOTES --
	Schema File Name: OTA_HotelProductRQ
	X-Path: OTA_HotelProductRQ/HotelProducts/HotelProduct/RoomTypes
	added attribute: @ContentLevel of type xs:string, optional with the following enumerations: FullDetails ReferenceOnly
	annotation: @ContentLevel - Specifies the amount of content that should be returned in the response, such as the full details or just the unique reference. FullDetails - The response should include all available information for each room type. ReferenceOnly – The response should just include the unique reference for each requested room type - i.e. the room type code.

436	--
Submitted By: Jason Waknell	***SUBMITTER***
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Pegasus	**Comment**
	Product Automation - Rate Plan Codes When requesting details sellable products (i.e. rate plan/room type combinations) using the current message definition, the full rate plan details may need to be repeated in the response message for each room type that it is associated with (for some CRSs), which is inefficient. It would therefore be useful to have the option to request that only the rate plan code is returned for each hotel product instead of the full details. The rate plan code could then be used to lookup the full rate plan details, which could be retrieved in a separate transaction.
	Proposed Change
	Add a new attribute named Content to the RatePlans element in the OTA_HotelProductRQ message. This would have enumerated values "ReferenceOnly" and "FullDetails", which would specify whether the response should just include the rate plan code (ReferenceOnly) or all the available information for each requested rate plan (FullDetails). Example: <OTA_HotelProductRQ Version="1.000" PrimaryLangID="en"> <HotelProducts> <HotelProduct ChainCode="XY" HotelCode="1234"> <RoomTypes SendAllInd="true"/> <RatePlans SendAllInd="true" Content="ReferenceOnly"/> </HotelProduct> </HotelProducts> </OTA_HotelProductRQ>
	RELEASE NOTES
	--
	Schema File Name: OTA_HotelProductRQ
	X-Path: OTA_HotelProductRQ/HotelProducts/HotelProduct/RatePlans
	added attribute: @ContentLevel of type xs:string, optional with the following enumerations: FullDetails
	ReferenceOnly
	annotation: @ContentLevel - Specifies the amount of content that should be returned in the response, such as the full details or just the unique reference. FullDetails - The response should include all available information for each rate plan. ReferenceOnly – The response should just include the unique reference for each requested rate plan (i.e. the rate plan code).

437	--
Submitted By: **Jason Waknell** **Pegasus**	***SUBMITTER*** -- **Comment** The enumerated values for these attributes could be confusing as they are very similar to the attribute names, as in the following example: <OTA_HotelProductRQ Version="1.000" PrimaryLangID="en"> <HotelProducts> <HotelProduct ChainCode="XY" HotelCode="1234"> <PolicyInfo SendCancelPolicy="SendCancelPolicyDetails" SendGuaranteePayment="SendGuaranteeCodeOnly"/> </HotelProduct> </HotelProducts> </OTA_HotelProductRQ> **Proposed Change** Change the enumerations for both attributes to the following: - "ReferenceOnly" - "FullDetails" So the example would now look like: <OTA_HotelProductRQ Version="1.000" PrimaryLangID="en"> <HotelProducts> <HotelProduct ChainCode="XY" HotelCode="1234"> <PolicyInfo SendCancelPolicy="FullDetails" SendGuaranteePayment="ReferenceOnly"/> </HotelProduct> </HotelProducts> </OTA_HotelProductRQ> ***RELEASE NOTES*** --- **Schema File Name:** OTA_HotelProductRQ **X-Path:** OTA_HotelProductRQ/HotelProducts/HotelProduct/PolicyInfo *deleted attribute:* @SendAllInd *Renamed enumerations on @SendCancelPolicy* FullDetails ReferenceOnly *Renamed enumerations on @SendGuaranteePayment* FullDetails ReferenceOnly *annotation:* @SendCancelPolicy: FullDetails - The response should include all available information for each cancel policy. ReferenceOnly – The response should just include the unique reference for each cancel policy (i.e. the cancel policy code). @SendGuaranteePayment: FullDetails - The response should include all available information for each guarantee/payment policy. ReferenceOnly – The response should just include the unique reference for each guarantee/payment policy (i.e. the guarantee policy code).