

## **OpenTravel 2010A Publication**

# **RELEASE NOTES**

2010A Release Notes: New Messages .....	2
Vehicle Reservation Transfer Notification Messages .....	2
2010A Release Notes: Schemas Changed .....	4
2010A Release Notes: OpenTravel Resources .....	14
The OpenTravel Forum .....	14
Enhanced OpenTravel Message Users Guide .....	14
Enhanced OpenTravel Message Codes List Table .....	14
Introduction to OpenTravel Webinar .....	14

## 2010A Release Notes: New Messages

### Vehicle Reservation Transfer Notification Messages

The **OTA\_VehResNotifRQ/RS** message pair addresses a common vehicle rental business need to be able to bulk transfer entire reservations between computer systems. Existing OpenTravel messages support requesting new reservations and retrieving existing reservation information in a client/server style pull operation, however, they do not support transferring bulk reservation information in a notification style push operation like the new messages do.

The new messages provide bulk transfers of vehicle reservations, supporting system notification of changes made to reservations on another system so the two systems can be kept in sync with each other.

The most common use for these messages is the transfer of reservations from a reservation collection system to a rental counter level system. In this scenario, a central reservation system collects reservations from OpenTravel partners, GDS systems, and various web sites and delivers them to the counter system. The counter system needs to be notified of new reservations, changes to reservations, and the cancellation of reservations.

Another common scenario where these messages can be used is to accommodate a business requirement where a small or medium sized car rental company contracts with another company to get a feed of confirmed reservations. In this scenario, the rental company needs to be informed at the corporate level about reservations and any changes to them. These messages enable a notification based system that can automatically transfer the reservation information in near real time.

Yet another scenario where these messages apply is a case where a large company needs to transfer reservations internally between different systems. Common situations include sending information on future reservations to a fleet planning system, or sending completed reservation information to an accounting system.

As with other OpenTravel notification messages, one or more reservations can be included in a single OTA\_VehResNotifRQ message. In addition, like other OpenTravel notification messages, the OTA\_VehResNotifRS message is a very thin message intended to act as an acknowledgement that the request message has been received and processed. The maximum number of reservations in a request is not constrained by the messages as it is anticipated that a maximum number of reservations will be agreed upon in a bilateral agreement between OpenTravel partners.

When more than one reservation is sent in a single request message, there is no way to indicate failure details associated with a specific reservation. Therefore a request message is treated as a single transaction so either all of the reservations are processed or none of the reservations are processed. This simplifies any retransmission logic needed to guarantee that reservations can be reliably transferred from one system to another.

The request message is primarily based on the contents of the existing OTA\_VehResRetRS message that returns reservation information in a pull type query, so the new push message is as consistent as possible with OTA\_VehResRetRS.

Because this new message pair is intended to transfer entire reservations, all of the information passed in an OTA\_VehResRQ message is available to be transferred. The current VehicleReservationType complex type includes most, but not all the necessary information so four additional elements not present in the current VehicleReservationType definition have been accommodated for each reservation in the message. These are the SpecialReqPref, ArrivalDetails, WrittenConfirmation, and Remark elements defined in the VehicleReservationRQ AdditionalInfoType complex type. These elements have been added to the VehicleSegmentAdditionalInfoType.

When transferring reservations an additional consideration needs to be addressed as each reservation has some associated booking information, and this information is typically used to track sales and to get commissions paid correctly. When a reservation is requested with the existing OTA\_VehResRQ this information is passed in the POS element of the request. When transferring bulk reservations, it is desirable for all the booking information to be transferred with the reservation, so in addition

to the current OpenTravel information, the ability to pass address information associated with the booking information has been addressed in the messages.

**Request:** The OTA\_VehResNotifRQ message is a push notification message used to transfer one or more reservations in a single message. Each reservation sent in this message includes booking source information, reservation details, and an action type indicator to define how the reservation information is to be used.

**Response:** The OTA\_VehResNotifRS message acts as an acknowledgement of the receipt of an OTA\_VehResNotifRQ message. The presence of a Success element in this message indicates that all reservations in the request message were successfully transferred. The presence of an Error element indicates that none of the reservations have been transferred.

## 2010A Release Notes: Schemas Changed

Note: all new elements and attributes are optional and unbounded unless noted otherwise.

*Text in red indicates the schema is non-forward compatible. Or, if indicated in a common types schema, the messages using the included construct are now non-forward compatible.*

<b>Schema File Name</b>	<b>Schema Element Path and Change(s) Made</b>
<b>OTA_AirAvailRS.xsd</b>	OriginDestinationInformation/OriginDestinationOptions/OriginDestinationOption/FlightSegment - added attribute: @OptionalServicesInd of type xs:Boolean
<b>OTA_AirCheckIn.xsd</b>	AirCheckInType/PassengerFlightInfo/BookingInfo - added attributes: @ResBookDesigCode of type UpperCaseAlphaLength1to2 @OriginalResBookDesigCode of type UpperCaseAlphaLength1to2 @UpgradeResBookDesigCode of type UpperCaseAlphaLength1to2
	AirCheckInType/PassengerFlightInfo/@DCS_PassengerRefNumber - changed attribute type from Numeric1to999 to xs:string
	AirCheckInType/PassengerInfo/PassengerType - changed element maxOcc from 1 to 9, allowing it to repeat
	AirCheckInType/PassengerInfo/TicketingInfo/CouponInfo - added element: FareBasisCode of type FareBasisCodeType
	- created new complexType: FareBasisCodeType with attributes: @FlightSegmentRPH of type RPH_Type @NotValidBefore of type xs:date @NotValidAfter of type xs:date @Operation of type ActionType
<b>OTA_AirCommonTypes.xsd</b>	AirFeeType - added attributes: @RPH of type RPH_Type
	AirProcessingInfoGroup/SearchType - added enumeration: Reward
	AirTaxType - added attributes: @RPH of type RPH_Type
	AirTaxType/@TaxTransactionType - added enumeration: paid
	FareType/OriginalIssueInfo - added attribute: @IssuingAirlineCode of type StringLength1to16
	FlightSegmentType - added attributes: @GovernmentApprovalInd of type xs:boolean @GovernmentApprovalText of type xs:string
	<b>PTC_FareBreakdownType/FareBasisCodes/FareBasisCode</b> - changed element type from StringLength1to16 to FareBasisCodeType

	SeatRequestType - added element: Airline of type CompanyNameType with maxOcc of 1
<b>OTA_AirDemandTicketRS.xsd</b>	Warnings - changed element type from WarningsType to WarningType
<b>OTA_AirPreferences.xsd</b>	AirSearchPrefsType - added element: BookingSeatPref with attribute: @SeatsNeeded of type xs:nonNegativeInteger
<b>OTA_AirScheduleRS.xsd</b>	OriginDestinationOptions/OriginDestinationOption/FlightSegment/BookingClass - added element: Meal with maxOcc of 5 and attribute: @MealCode of type MealServiceType
<b>OTA_CancelRQ.xsd</b>	- added element: CancellationContactPerson of type ContactPersonType
	Reasons/Reason - added attribute: @Type of type StringLength0to64
<b>OTA_CommonTypes.xsd</b>	CommissionType/@StatusType - added enumeration: Commissionable
	ConnectionType/ConnectionLocation - added attribute: @ConnectType of type xs:NMTOKEN with enumerations: Online Offline Interline
	ItemSearchCriterionType/Address - added attribute: @AddressSearchScope of type xs:NMTOKEN with enumerations: Primary Alternate PrimaryAndAlternate
	OccupancyGroup/@MinOccupancy - changed attribute type from Numeric1to99 to Numeric0to99
	PositionGroup - added attribute: @PositionAccuracy of type OTA_CodeType, using Code List PAC
	RateQualifierCoreGroup/@CorpDiscountNmbr - changed attribute type from AlphaNumericStringLength1to8 to StringLength1to32
	SeatRequestAttributes - added attributes: @DeckNumber of type Numeric1to99 @RowNumber of type Numeric1to999 @SeatInRow of type AlphaLength1
	TotalType - added attributes: @Type of type OTA_CodeType, using Code List CHG @ServiceOverrideIndicator of type xs:Boolean @RateOverrideIndicator of type xs:Boolean @AmountIncludingMarkup of type Money
<b>OTA_DynamicPkgBookRQ.xsd</b>	- added new element: InclusionSets/InclusionSet of type InclusionSetType with maxOcc unbounded

<b>OTA_DynamicPkgBookRS.xsd</b>	- added new element: InclusionSets/InclusionSet of type InclusionSetType with maxOcc unbounded
<b>OTA_DynamicPkgCommonTypes.xsd</b>	<p>- created complexTypes:</p> <p>DynamicPkgCarSearchType of type DynamicPkgSearchType with attribute and elements:            @RequestType of type CarComponentSearchType            VehAvailRQCore of type VehicleAvailRQCoreType with minOcc of 1 (required)            VehAvailRQInfo of type VehicleAvailRQAdditionalInfoType with minOcc of 1 (required)            TPA_Extensions of type TPA_ExtensionsType</p> <p>DynamicPkgGuestType of type ResGuestType with element:            SeatRequests/SeatRequest of type SeatRequestType with minOcc of 1 (required) and maxOcc unbounded and attributes:              @TravelerRefNumberRPHList of type ListOfRPH              @FlightRefNumberRPHList of type ListOfRPH              @PartialSeatingInd of type xs:Boolean</p> <p>DynamicPkgOptionSearchType of type DynamicPkgSearchType with attribute and elements:            @RequestType of type PackageOptionComponentSearchType            OptionSearchCriteria with attribute and element:              @AvailableOnlyIndicator of type xs:Boolean              Criterion of type PackageOptionSearchCriterionType with minOcc of 1 (required) and maxOcc unbounded            TPA_Extensions of type TPA_ExtensionsType</p> <p>IncludedRatePlanType with attributes:            @PlanCode of type StringLength1to64            @ServiceCode of type StringLength1to64            @Type of type OTA_CodeType, using Code List TVS</p> <p>InclusionSetType with attributes and elements:            @Name of type StringLength1to64            @RPH of type RPH_Type            @Rule of type DynamicPkgInclusionRule            @MatchGuestCount of type xs:Boolean            @MinAdult of type Numeric0to99            @MaxAdult of type Numeric0to99            @MinChild of type Numeric0to99            @MaxChild of type Numeric0to99            RatePlans/RatePlan of type IncludedRatePlanType with maxOcc unbounded            Descriptions/Description of type ParagraphType with maxOcc unbounded</p> <p>PackageOptionSearchCriterionType with elements:            RefPoint of type StringLength0to64 with maxOcc of 999 and attributes and attributeGroup:              @StateProv of type StateProvCodeType              @CountryCode of type ISO3166</p>

	<p> @RefPointType of type OTA_CodeType, using Code List IPC  @Name of type StringLength1to128  @CityName of type StringLength1to64  CodeListGroup  HotelRef with maxOcc of 99 and attributes and attributeGroup:  @SegmentCategoryCode of type OTA_CodeType, using Code List SEG  @PropertyClassCode of type OTA_CodeType, using Code List PCT  @ArchitecturalStyleCode of type OTA_CodeType, using Code List ARC  @SupplierIntegrationLevel of type xs:nonNegativeInteger  @LocationCategoryCode of type OTA_CodeType, using Code List LOC  @ExtendedCitySearchIndicator of type xs:Boolean  HotelReferenceGroup  OptionRef with maxOcc of 99 and attribute:  @Code of type StringLength1to16  RatePlanRef with maxOcc of 99 and attributes:  @PlanCode of type StringLength1to64  @PlanID of type StringLength1to32  DateRange of type DateTimeSpanType  RequestTypes/RequestType with maxOcc unbounded and attribute:  @Type of type OTA_CodeType, using Code List PKO  GuestCounts of type GuestCountsType  TPA_Extensions of type TPA_ExtensionsType </p> <p> PackageOptionType of type ServiceType with attributes:  @RatePlanID of type StringLength1to64  @QuoteID of type StringLength1to64  @PackageOptionType of type OTA_CodeType, using Code List PKO  @AvailabilityStatus of type RateIndicatorType  @CompanyShortName of type StringLength1to64 </p> <p> PackageOptionGroupType with attribute and elements:  @SequenceNumber of type Numeric1to999  Description of type ParagraphType  PackageOption of type PackageOptionType with maxOcc unbounded </p> <p> - created simpleTypes:  CarComponentSearchType of type xs:string with enumerations:  AvailPrice, Avail </p> <p> DynamicPkgInclusionRule of type xs:string with enumerations:  Included, Optional, Required </p> <p> PackageOptionComponentSearchType of type xs:string with enumerations:  AvailPrice, Avail </p>
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	<p>DynamicPkgType/Components/PackageOptionComponent</p> <ul style="list-style-type: none"> <li>- added elements:</li> </ul> <p>PackageOptionComponent with maxOcc unbounded and attributes, attributeGroup, and elements:</p> <ul style="list-style-type: none"> <li>@CreateDateTime of type xs:dateTime</li> </ul> <p>DynamicPkgComponentGroup</p> <p>UniqueID of type UniqueID_Type and maxOcc of 2</p> <p>PackageOptions/Package Option of type PackageOptionType with maxOcc unbounded</p> <p>CarComponent with maxOcc unbounded and attributes, attributeGroup, and elements:</p> <ul style="list-style-type: none"> <li>@CreateDateTime of type xs:dateTime</li> </ul> <p>DynamicPkgComponentGroup</p> <p>UniqueID of type UniqueID_Type and maxOcc of 2</p> <p>Vehicle of type VehicleReservationRQCoreType and attribute:</p> <ul style="list-style-type: none"> <li>@QuoteID of type StringLength1to64</li> </ul>
<b>OTA_DynamicPkgModifyNotifRQ.xsd</b>	<ul style="list-style-type: none"> <li>- added new elements:</li> </ul> <p>Warnings of type WarningsType</p> <p>InclusionSets/InclusionSet of type InclusionSetType with maxOcc unbounded</p>
<b>OTA_DynamicPkgModifyRQ.xsd</b>	<ul style="list-style-type: none"> <li>- added new element:</li> </ul> <p>InclusionSets/InclusionSet of type InclusionSetType with maxOcc unbounded</p>
<b>OTA_HotelAvailRQ.xsd</b>	<ul style="list-style-type: none"> <li>- added reference to MapRequestedGroup attribute group</li> </ul> <p>@SortOrder</p> <ul style="list-style-type: none"> <li>- added enumerations:</li> </ul> <p>C, P</p>
<b>OTA_HotelAvailRS.xsd</b>	<p>CurrencyConversions/CurrencyConversion</p> <ul style="list-style-type: none"> <li>- added attribute:</li> </ul> <p>@Source of type StringLength1to64</p> <p>Services/Service</p> <ul style="list-style-type: none"> <li>- changed element type from none to ServiceType, which added attributeGroup:</li> </ul> <p>UniqueID_Group</p>
<b>OTA_HotelCommonTypes.xsd</b>	<ul style="list-style-type: none"> <li>- created attributeGroup:</li> </ul> <p>MapRequestedGroup containing attributes:</p> <ul style="list-style-type: none"> <li>@MapRequired of type xs:Boolean</li> <li>@MapHeight of type xs:positiveInteger</li> <li>@MapWidth of type xs:positiveInteger</li> </ul> <p>AmountType</p> <ul style="list-style-type: none"> <li>- added attributes:</li> </ul> <p>@ChargeType of type OTA_CodeType, using Code List CHG</p> <p>@QuoteID of type StringLength1to64</p> <p>AvailStatusMessageType</p> <ul style="list-style-type: none"> <li>- added attribute:</li> </ul> <p>@BookingThreshold of type xs:integer</p> <p>BaseInvCountType</p> <ul style="list-style-type: none"> <li>- added element:</li> </ul> <p>UniqueID of type UniqueID_Type</p> <p>BasicPropertyInfoType</p> <ul style="list-style-type: none"> <li>- added attribute:</li> </ul> <p>@CurrencyCode of type AlphaLength3</p> <p>BasicPropertyInfoType/HotelAmenity</p> <ul style="list-style-type: none"> <li>- changed element maxOcc from 5 to unbounded</li> </ul> <p>BasicPropertyInfoType/Position</p> <ul style="list-style-type: none"> <li>- added attribute:</li> </ul> <p>@MapURL of type xs:anyURI</p>



	BasicPropertyInfoType/Recreation - changed element maxOcc from 5 to unbounded
	BasicPropertyInfoType/Service - changed element maxOcc from 5 to unbounded
	HotelSearchCriteriaType - added attribute: @BestOnlyIndicator of type xs:Boolean
	HotelSearchCriterionType - added element: MealPlan with attribute: @Code of type ListOfOTA_CodeType, using Code List MPT
	RequiredPaymentsType/GuaranteePayment/AmountPercent - added attribute: @OverridenAmountIndicator of type xs:Boolean
	RequiredPaymentsType/GuaranteePayment/Deadline - added attribute: @OverrideIndicator of type xs:Boolean
	RoomRateType - added attribute: @RoomID of type StringLength1to16
	RoomStayType - added attribute: @RoomStayLanguage of type xs:language - added element: MapURL of type xs:anyURI with attributes: @BottomRightLatitude of type xs:decimal @BottomRightLongitude of type xs:decimal @TopLeftLatitude of type xs:decimal @TopLeftLongitude of type xs:decimal @Height of type Numeric1to999 @Width of type Numeric1to999 @ZoomFactor of type Numeric0to99
	RoomStayType/RoomRate/RoomRate - added element: TPA_Extensions of type TPA_ExtensionsType
	ViewershipsType/Viewership/@ViewershipRPH - changed attribute type from xs:byte to RPH_Type
OTA_HotelInvBlockNotifRQ.xsd	InvBlocks/InvBlock - added element: Guarantee of type GuaranteeType
OTA_HotelInvBlockRQ.xsd	HotelInvBlockRequests/HotelInvBlockRequest/@IncludeAllBlocksAffectingDate Range - changed attribute type from none to xs:Boolean

OTA_HotelReservation.xsd	<p>- created complexTypes:</p> <p>ResGuestType with attributes, attributeGroup, and elements:</p> <ul style="list-style-type: none"> <li>@ResGuestRPH of type RPH_Type</li> <li>@AgeQualifyingCode of type OTA_CodeType, using Code List AQC</li> <li>@ArrivalTime of type xs:time</li> <li>@DepartureTime of type xs:time</li> <li>@GroupEventCode of type StringLength1to16</li> <li>@VIP of type xs:Boolean</li> <li>@PrimaryIndicator of type xs:Boolean</li> <li>@Age of type Numeric0to999</li> <li>@Action of type ActionType</li> </ul> <p>LocationGroup</p> <p>Profiles of type ProfilesType</p> <p>SpecialRequests of type SpecialRequestType</p> <p>Comments of type CommentType</p> <p>ServiceRPHs of type ServiceRPHsType</p> <p>ProfileRPHs with required and unbounded child element:</p> <ul style="list-style-type: none"> <li>ProfileRPH with attribute: <ul style="list-style-type: none"> <li>@RPH of type RPH_Type</li> </ul> </li> </ul> <p>ArrivalTransport of type TransportInfoType</p> <p>DepartureTransport of type TransportInfoType</p> <p>GuestCounts of type GuestCountType</p> <p>InHouseTimeSpan of type DateTimeSpanType</p> <p>TPA_Extensions of type TPA_ExtensionsType</p> <p>ServiceType with attributes, attributeGroup, and elements:</p> <ul style="list-style-type: none"> <li>@ServicePricingType of type PricingType</li> <li>@ReservationStatusType of type PMS_ResStatusType</li> <li>@ServiceRPH of type RPH_Type</li> <li>@ServiceInventoryCode of type StringLength1to16</li> <li>@RatePlanCode of type StringLength1to64</li> <li>@InventoryBlockCode of type StringLength1to16</li> <li>@PriceGuaranteed of type xs:Boolean</li> <li>@Inclusive of type xs:Boolean</li> <li>@Quantity of type Numeric1to999</li> <li>@RequestedIndicator of type xs:Boolean</li> </ul> <p>UniqueID_Group</p> <p>Price of type AmountType with maxOcc of 99</p> <p>ServiceDetails of type ResCommonDetailType</p> <p>TPA_Extensions of type TPA_ExtensionsType</p>
	ResGuestsType/ResGuest
	- changed element type from none to ResGuestType, a new complexType
	ServicesType/Service
	- changed element type from none to ServiceType, a new complexType
	ServiceType/@RatePlanCode
	- changed attribute type from StringLength1to16 to StringLength1to64
OTA_LoyaltyAccountRS.xsd	<p>AccountInfo</p> <ul style="list-style-type: none"> <li>- added attribute: <ul style="list-style-type: none"> <li>@Action of type ActionType</li> </ul> </li> <li>- added element: <ul style="list-style-type: none"> <li>CustLoyalty with attributeGroup: <ul style="list-style-type: none"> <li>CustomerLoyaltyGroup</li> </ul> </li> </ul> </li> </ul>
OTA_LoyaltyCertificateCreateRQ.xsd	<ul style="list-style-type: none"> <li>- added element: <ul style="list-style-type: none"> <li>POS of type POS_Type</li> </ul> </li> </ul>

	<p>Customer</p> <ul style="list-style-type: none"> <li>- changed element maxOcc from 1 to 999, allowing it to repeat, and extended it with attributes:</li> </ul> <p>@RPH of type RPH_Type  @ResBookDesigCode of type UpperCaseAlphaLength1to2  @FlightRPH of type RPH_Type</p> <p>TravelInfos/LoyaltyCertificateDetail</p> <ul style="list-style-type: none"> <li>- changed element minOcc from 1 to 0, making it optional</li> <li>- changed element maxOcc from 1 to 999, allowing it to repeat</li> <li>- added attributes:</li> </ul> <p>@PinNumber of type StringLength1to16  @CustomerRPH of type RPH_Type  @FlightRPH of type RPH_Type  @AwardType of type StringLength1to16  @CertificateRefNumber of type xs:nonNegativeInteger</p>
<b>OTA_LoyaltyCertificateCreateRS.xsd</b>	<p>- added elements:</p> <p>Customer of type PersonNameType, with maxOcc of 999, and extended it with an attribute:</p> <p>    @RPH of type RPH_Type</p> <p>TravelInfo of type LoyaltyTravelInfoType, with maxOcc of 99</p> <p>AccountInfo of type AccountInfoType, with maxOcc of 999</p> <p>LoyaltyCertificateDetail</p> <ul style="list-style-type: none"> <li>- changed element minOcc from 1 to 0, making it optional</li> <li>- changed element maxOcc from 1 to 999, allowing it to repeat</li> <li>- added attributes:</li> </ul> <p>@CustomerRPH of type RPH_Type  @CertificateType of type StringLength1to16  @CertificateRefNumber of type xs:nonNegativeInteger</p>
<b>OTA_LoyaltyCommonTypes.xsd</b>	<p>LoyaltyTravelInfoType/AirFlightInfo/FlightSegment</p> <ul style="list-style-type: none"> <li>- changed element type from FlightSegmentBaseType to BookFlightSegmentType, which adds attributes and elements:</li> </ul> <p>@FlightNumber  @TourOperatorFlightID  @GovernmentApprovalInd  @GovernmentApprovalText  @ResBookDesigCode  @NumberInParty  @Status  @E_TicketEligibility  @MealCode  @DepartureDay  @StopoverInd  @LineNumber  @ConnectionType  @ParticipantLevelCode  @Distance  @DateChangeNbr  @ValidConnectionIndicator  MarketingAirline  MarriageGrp  BookingClassAvails  Comment  StopLocation</p>
<b>OTA_RailCommonTypes.xsd</b>	<p>TrainSegmentType/@DepartureDateTime</p> <ul style="list-style-type: none"> <li>- changed attribute use from required to optional</li> </ul>

OTA_ReadRQ.xsd	ReadRequests/AirReadRequest - added attribute group: DateTimeSpanGroup
	ReadRequests/AirReadRequest/@InfoToReturn - changed attribute type from xs:NMTOKEN to OTA_CodeType, using Code List ITR
OTA_ResRetrieveRS.xsd	ReservationsList/AirReservation - added attribute: @SupplierBookingInfoList of type ListOfOTA_CodeType, using Code List BIL
OTA_SimpleTypes.xsd	TimeUnitType - added enumeration: Minute
	TransactionActionType - added enumeration: Ticket
	TransactionStatusType - added enumeration: Ticketed
OTA_VehAvailRateRQ.xsd	VehicleAvailRQAdditionalInfoType - removed complexType (moved it to OTA_VehicleCommonTypes.xsd)
	VehicleAvailRQCoreType - removed complexType (moved it to OTA_VehicleCommonTypes.xsd)
OTA_VehAvailRateRS.xsd	VehicleAvailRSAdditionalInfoType - removed complexType (moved it to OTA_VehicleCommonTypes.xsd)
	VehicleAvailRSCoreType - removed complexType (moved it to OTA_VehicleCommonTypes.xsd)
OTA_VehicleCommonTypes.xsd	- added complexTypes that previously existed in OTA_VehAvailRateRQ/RS.xsd: VehicleAvailRQAdditionalInfoType VehicleAvailRQCoreType VehicleAvailRSAdditionalInfoType VehicleAvailRSCoreType
	VehicleAvailCoreType - added element: Discount with maxOcc of 5 and attributeGroup: DiscountInfoGroup
	VehicleAvailRQCoreType/VendorPrefs/VendorPref/@CorpDiscountNmbr - changed attribute type from AlphaNumericStringLength1to8 to StringLength1to32
	VehicleChargePurposeType - removed attribute (moved it to VehicleChargeType): @RateConvertInd of type xs:Boolean
	VehicleChargeType - added attribute: @RateConvertInd of type xs:Boolean
	CustomerPrimaryAdditionalType/Additional/@CorpDiscountNmbr - changed attribute type from AlphaNumericStringLength1to14 to StringLength1to32
	VehicleRentalRateType/RateQualifier - added attribute: @QuoteID of type StringLength1to64
	VehicleRentalRateType/RateRestrictions - added attribute: @MinimumAge of type Numeric1to99

	VehicleReservationRQCoreType/Customer - changed element minOcc to 0, making it optional
	VehicleReservationRQCoreType/VehRentalCore - changed element minOcc to 0, making it optional
	VehicleSegmentAdditionalInfoType - added elements: SpecialReqPref of type VehicleSpecialReqPrefType, with maxOcc of 5 ArrivalDetails of type VehicleArrivalDetailsType WrittenConfInst of type WrittenConfInstType Remark of type ParagraphType, with maxOcc of 5
	VehicleSegmentAdditionalInfoType - added elements: SpecialReqPref of type VehicleSpecialReqPrefType, with maxOcc of 5 ArrivalDetails of type VehicleArrivalDetailsType WrittenConfInst of type WrittenConfInstType Remark of type ParagraphType, with maxOcc of 5
<b>OTA_VehLocDetailsNotifRQ.xsd</b>	- added attribute: @ActionCode of type StringLength1to16
	LocationDetails/LocationDetail - added attributes: @CountryCode of type ISO3166 @StateCode of type StateProvCodeType @CityCode of type StringLength1to16
	LocationDetails/LocationDetail/AdditionalFees - changed element type from none to VehicleLocationAdditionalFeesType - changed element maxOcc from 5 to 99 - added attributes: @RecordID of type StringLength1to32 @PolicyNumber of type StringLength1to8
	LocationDetails/LocationDetail/Liabilities - changed element maxOcc from 1 to 99, allowing it to repeat - added attributes: @RecordID of type StringLength1to32 @PolicyNumber of type StringLength1to8
	LocationDetails/LocationDetail/Policies/Policy/@PolicyNumber - changed attribute type from NumericStringLength1to8 to StringLength1to8
	LocationDetails/LocationDetail/Vehicles - changed element maxOcc from 1 to 99, allowing it to repeat - added attribute: @RecordID of type StringLength1to32
	- added attribute: @ActionCode of type StringLength1to16
	- added attribute: @ActionCode of type StringLength1to16
<b>OTA_VehLocDetailsNotifRS.xsd</b>	- added attribute: @ActionCode of type StringLength1to16
<b>OTA_VehLocSearchRS.xsd</b>	VehMatchedLocs/VehMatchedLoc - changed element maxOcc from 99 to 999
<b>OTA_VehModifyRQ.xsd</b>	VehicleModifyRQCoreType - added attribute: @TransactionType of type TransactionActionType
<b>OTA_VehRateRuleRS.xsd</b>	TotalCharge - added attribute: @RateConvertInd of type xs:boolean

# 2010A Release Notes: OpenTravel Resources

## The OpenTravel Forum

<http://www.OpenTravelForum.com>

OpenTravel has an extensive discussion Forum to provide an implementation resource for users of its schema, called *the OpenTravel Forum*, which has all the functionality members expect from a full-featured discussion board, with forums for:

- Architecture
- Hospitality
- Transport
- Travel Services
- Tours and Activities
- Implementers Discussion

For employees of OpenTravel member companies, there are several members-only discussion forums that are moderated by individuals who have in-depth experience with OpenTravel schema and their implementation in production environments. Members can post a question and get an answer from a moderator within 24 hours (Monday to Friday). Also included are OpenTravel documentation, mailing list subscription, events and announcements, and feedback boards, as well as the OpenTravel Showcase where companies that provide tools, services or technologies to assist in the implementation of OpenTravel schemas can post about their offerings.

## Enhanced OpenTravel Message Users Guide

In March of 2010, in conjunction with the 2010A Publication, a new OpenTravel Message Users Guide (MUG) is included in the specification download. The MUG has been significantly redesigned (and streamlined) to support all cycles of an OpenTravel-enabled system implementation, from design to system testing. In addition to updated message descriptions, the new MUG provides:

- A point-and-click index of business functionality and use cases for each message, allowing an implementer to quickly identify the OpenTravel messages that suit their own and their trading partner business requirements,
- Links to each message (summarized) data dictionary that allow implementers to see the names and descriptions of each element and attribute in a message and the enumeration values where applicable,
- Extended message scenario use cases that help implementers understand the range of business scenarios that can be accomplished per message,
- A new “Introduction and Getting Started” section that includes links to OpenTravel implementer/member resources, OpenTravel schema architecture basics, and links to all third party standards referenced in OpenTravel messages, such as ABTA, IATA and ISO standards to help implementers understand the relationships between OpenTravel messages and other third party standards, and,
- Point-and-click access to online message sample use case instances that allow an implementer to access only the sample instances they require (note that these schemas were not intended for production use by implementers, but rather for human reference.)

## Enhanced OpenTravel Message Codes List Table

The OpenTravel Codes List spreadsheet, included with the specification download, includes a new worksheet named “Index.” This index contains a new, alphabetized, point and click list of all OpenTravel Code List names and 3 character abbreviations to help implementers quickly find code list values.

## Introduction to OpenTravel Webinar

If you are new to the OpenTravel specification, an Introduction to OpenTravel webinar is available at no cost. Please visit the [OpenTravel website](#) for a webinar schedule and instructions on how to sign up.