

*Site Developer's Guidelines for*  
**RCL Cruise API Specification**



Version 5.2 - August 2018

## Document Control

**Document Name:** RCL Cruise API Specification for Individual Bookings

Version	Status	Date	Author(s)	Summary of changes
1.0	Initial Draft	11/28/2006	Partner Cert Team	Initial Creation of Document
1.3	Draft	03/27/2007	Partner Cert Team	<p>The following message structures have been modified slightly to incorporate RCL specific extensions.</p> <ul style="list-style-type: none"> <li>• OTA_CruiseSailAvailRQ</li> <li>• OTA_CruiseSailAvailRS</li> <li>• OTA_CruiseBookRQ</li> <li>• OTA_CruisePricingRS</li> <li>• RCL_LoginRQ</li> <li>• RCL_LoginRS</li> </ul> <p>In addition to this, minor changes have been made to OTA_CruiseCommonTypes to accommodate RCL specific extensions.</p>
1.4	Draft	05/16/2007	Partner Cert Team	<ul style="list-style-type: none"> <li>• Included the below messages in the document. <ul style="list-style-type: none"> <li>• Cruise Package Detail</li> <li>• Cruise Validate Linked Bookings</li> <li>• Cruise Payment Extension</li> <li>• Cruise Option Detail</li> </ul> </li> <li>• Changed format of typical process flows to be UML based for better readability</li> <li>• Updated schema text with changes</li> <li>• Changed references from Availability to List in all messages since the messages also return unavailable entries with a status indicating no availability.</li> <li>• Added message specific and global extensions and restrictions.</li> <li>• Updated reusable data types for each message</li> <li>• Changed some of the message names to be more indicative of the actual underlying operations.</li> </ul>
1.5	Draft	06/15/2007	Partner Cert Team	<ul style="list-style-type: none"> <li>• Changes for the 2007A release of the schema files incorporated into the specification.</li> </ul>
1.6	Draft	09/14/2007	Partner Cert Team	<ul style="list-style-type: none"> <li>• Updated sample API messages that are schema valid.</li> </ul>
1.7	Final Release	11/09/2007	Partner Cert Team	<ul style="list-style-type: none"> <li>• Updated the Category List Response to provide</li> </ul>

	Version 1			<p>BreakdownType attribute value details.</p> <ul style="list-style-type: none"> <li>• Included sample messages from the implementation in the Message User Guide section for all API messages.</li> <li>• Updated API documentation to add more detail for Fast sell, Booking confirmation and Booking document messages.</li> </ul>
1.8	Final Release Version 1.8	03/26/2008	Partner Cert Team	<ul style="list-style-type: none"> <li>• Re-organized the specification document to align it with the operation names rather than the schema names.</li> </ul>
1.9	Final Release Version 1.9	05/15/2008	Partner Cert Team	<ul style="list-style-type: none"> <li>• Updated schema file for Category List due to Category Expansion and updated sample messages for overloaded operations.</li> </ul>
2.0	Final Release Version 2.0	07/17/2008	Partner Cert Team	<ul style="list-style-type: none"> <li>• Updated document with Transfer List message.</li> </ul>
2.1	Final Release Version 2.1	08/08/2008	Partner Cert Team	<ul style="list-style-type: none"> <li>• Updated document based on feedback from external partners. Updates include additional clarifications, removing identified ambiguous and incorrect statements.</li> </ul>
3.1	Final Release Ver 3.1	3/05/2009	Partner Cert team	<ul style="list-style-type: none"> <li>• Updated sample messages</li> <li>• Added Category status response breakdown logic</li> <li>• Added Flexible Dining changes</li> <li>• Made several copy corrections</li> <li>• Significantly reduced document size by deleting inline schemas for all messages. Please refer to attached schema file.</li> </ul>
3.1.1	Final Release Ver 3.1.1	3/20/2009	Partner Cert team	<ul style="list-style-type: none"> <li>• Made minor corrections to content</li> </ul>
3.2	Release 3.2	5/22/2009	Partner Cert team	<ul style="list-style-type: none"> <li>• Added xpaths for all message responses</li> <li>• Added Choice Air specific functionality to both Pricing and Retrieval</li> <li>• Updated miscellaneous content</li> </ul>
3.3	Release 3.3	2/04/2010	Partner Cert team	<ul style="list-style-type: none"> <li>• Enhanced Cabin List operation to allow retrieval of only connected cabins if required.</li> <li>• Enhanced Cabin List operation to check cabin availability for a specific cabin by providing the cabin number.</li> <li>• Updated Request Parameters section for some messages.</li> </ul>

				<ul style="list-style-type: none"> <li>• Minor API description clarifications.</li> </ul>
3.4	Release 3.4	3/18/2010	Partner Cert team	<ul style="list-style-type: none"> <li>• Updated constraints and restrictions section under the Transfer List message.</li> <li>• Updated constraints and restrictions section under the Bus List message.</li> <li>• Updated response parameters for the Tour List operation to add the Duration attribute.</li> <li>• Updated constraints and restrictions section under the Bus Detail message.</li> <li>• Changed length of CruisePackageCode in Bus List response.</li> <li>• Updated constraints and restrictions section for the Package Detail message.</li> <li>• Updated the request parameters section for the Package Detail message to increase the CruisePackageCode field size.</li> <li>• Updated the Tour Detail request constraints and restrictions section.</li> <li>• Updated the response parameters section for the Tour List response message to increase the CruisePackageCode field size.</li> <li>• Updated response parameters Xpath expressions section for the Fare Detail response.</li> <li>• Changed Transaction services section of the Booking price message.</li> <li>• Updated request parameters in Booking Price message by adding filters for Sitting and SittingType attributes.</li> <li>• Updated constraints and restrictions under Package List request.</li> <li>• Updated response parameters for Retrieve booking to correct Xpath for LinkedBookings.</li> <li>• Updated length for Code attribute in Option List response parameters.</li> </ul>
3.5	Release 3.5	6/28/2010	Partner Cert Team	<ul style="list-style-type: none"> <li>• Updated Xpath table in response list for Cabin Detail message. (Added DimensionInfo).</li> <li>• Updated request parameters section for booking price request message (Provided complete list of GuestDetail elements for Amend</li> </ul>

				<p>mode operation).</p> <ul style="list-style-type: none"> <li>Added sample for booking price message in amend mode. Also added additional transaction service entries for booking price message.</li> </ul>
3.6	Release 3.6	10/3/2010	Partner Cert Team	<ul style="list-style-type: none"> <li>Updated Cabin List and Cabin Detail transactions to reflect the addition of ConnectingCabinStatusCode attribute.</li> </ul>
3.7	Release 3.7	11/18/2010	Partner Cert Team	<ul style="list-style-type: none"> <li>Updated Category List to reflect the addition of mandatory pre – paid gratuities related information for certain sailings.</li> </ul>
3.8	Release 3.8	1/26/2011	Partner Cert Team	<ul style="list-style-type: none"> <li>➤ New guest level attributes have been added to the attribute groupGuestInfoGroup <ul style="list-style-type: none"> <li>• MiddleNameFlag</li> <li>• RedressNumber</li> <li>• KnownTravellerNumber</li> </ul> </li> <li>➤ Added checkNumber to complex type BankAccType</li> <li>➤ FastSell Request has been enhanced to hold up to four cabins in a single request.</li> <li>➤ Booking balance due is now being returned in the response.</li> <li>➤ Prepaid gratuities advisory is now returned in the Cabin Hold response.</li> </ul>
3.9	Release 3.9	05/22/2011	Partner Cert Team	Updated RetrieveBooking response to reflect ChoiceAir ineligibility reason codes.
3.9	Release 3.9	07/13/2011	Partner Cert Team	Updated FastSell description to reflect possible responses to successful and unsuccessful requests.
4.0	Release 4.0	11/04//2011	Partner Cert Team	Add AutoAdd Enhancement.
4.1	Release	12/18/2011	Partner Cert	DOT – Accessible Stateroom

	4.1		Team	Regulatory Enhancement.
4.2	Release 4.2	07/18/2012	Partner Cert Team	<ul style="list-style-type: none"> <li>➤ Updated Xpath table for Pricing and ConfirmBooking Service for LoyaltyMembershpId attribute.</li> <li>➤ Agency Primary Language will returned in Login Response.</li> <li>➤ RCT Flag will be returned for tours in RetrieveBooking response.</li> </ul>
4.3	Release 4.3	10/21/2012	Partner Cert Team	<ul style="list-style-type: none"> <li>➤ Guest Level attributes, CPF #, CPF Exempt Flag, Redress # will be returned in RetrieveBooking response.</li> <li>➤ Guest Level attributes, CPF #, CPF Exempt Flag, Middle Name, Middle Name Flag will be managed in ConfirmBooking service.</li> <li>➤ Booking List service – Added additional Search criteria (Booking Type, Consumer Id) in the request.</li> </ul>
4.4	Release 4.4	12/13/2012	Partner Cert Team	<ul style="list-style-type: none"> <li>➤ Functional flow change in payment to include Payment eligibility</li> <li>➤ New service – Payment Eligibility – added.</li> </ul>
4.5	Release 4.5	10/26/2013	PartnerCert Team	<ul style="list-style-type: none"> <li>➤ Pricing and Promotions Enhancement</li> <li>• Category List enhancement.</li> <li>• New version of Category List Service.</li> <li>• Cruise FareList Enhancement.</li> <li>• Cruise FastSell Enhancement.</li> <li>• Cruise Booking price Enhancement.</li> </ul>

				<ul style="list-style-type: none"> <li>• ConfirmBooking Enhancement.</li> <li>• Retrieve Booking Enhancement.</li> <li>• Added New Service "PromoSearchBreakDown"</li> <li>• Added New Service "PromoDetailBreakDown"</li> </ul>
4.6	Release 4.6	10/26/2014	PartnerCert Team	<p>➤ 2014 Enhancements</p> <p>Following service functionality were extended to Group Reservations.</p> <ul style="list-style-type: none"> <li>• Cruise Login</li> <li>• Cabin Hold</li> <li>• Release Cabin</li> <li>• Cruise Fare List</li> <li>• Release booking</li> <li>• Promo Search Breakdown</li> </ul>
4.7	Release 4.7	06/01/2015	PartnerCert Team	<p>➤ 2015 Enhancements</p> <ul style="list-style-type: none"> <li>• Include Carrier Name in booking Retrieval response</li> <li>• Guest Pre-vacation phone and Email maintenance.</li> </ul>
4.8	Release 4.8	10/23/2016	PartnerCert Team	<p>➤ 2016 Enhancements</p> <p>Enhancement to support Headquarter Groups.</p> <ul style="list-style-type: none"> <li>• Cruise Login</li> <li>• Cruise Sailing List</li> <li>• Cruise Fare List</li> <li>• Promo Search Breakdown</li> <li>• Cruise Cabin Hold</li> <li>• Cruise Booking History</li> </ul>
4.9	Release 4.9	06/04/2017	PartnerCert Team	<p>➤ Non-Refundable Promotions Enhancement</p>
5.0	Release 5.0	08/30/2017	PartnerCert Team	<p>➤ 2017 Enhancements</p> <ul style="list-style-type: none"> <li>• Cruise Login</li> <li>• Cruise Category List</li> <li>• Retrieve Booking</li> <li>• Confirm Booking</li> </ul>
5.1	Release 5.1	12/22/2017	PartnerCert Team	<p>➤ Individual To Group Transfers</p> <ul style="list-style-type: none"> <li>• Retrieve Booking</li> </ul>

				<ul style="list-style-type: none"><li>• Booking List</li></ul>
5.2	Release 5.2	08/26/2017	PartnerCert Team	<ul style="list-style-type: none"><li>➤ RM Load Factor</li><li>• Cabin List</li><li>• Cabin Detail</li></ul>

**Reviewers**

Name	Title

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**Distribution**

Name	Method

**Related Documents**

Document Title	Location
RCL Cruise API WSDL for FIT	
RCL Cruise API Specification for Group Bookings	



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## **1. General**

### **1.1 Purpose**

This Royal Caribbean Cruises, Ltd. (RCL) Cruise API specification describes the basic transactions that are required to shop for, create, and make changes to an RCL booking. These RCL API specifications apply to the RCI, Celebrity and Island cruises brands.

It will also describe the necessary processes to retrieve a booking for amendments or to make payments along with additional transactions that are used to select and book certain enhanced services such as bus transfers, tours and special services. Additional details include the connectivity sections and will also address administrative issues such as testing criteria and change control.

The purpose of the document is to describe the available messages for use and to provide guidelines on “HOW TO” connect with and use all the information and functionality that this API provides. The goals of this document are to:

- Describe the purpose and processing services of each message
- Describe each transaction’s request/response XML schemas
- Document an example of a navigation path that will be supported
- Provide the technical requirements for connecting to the RCL Cruise API
- Provide the standards for full system testing

Note: This version of the specification includes operations for Full Individual Tariff (FIT) only. The API specification for Groups functionality is made available as part of a separate document.

### **1.2 Disclaimers**

This RCL Cruise API specification includes content derived from the OpenTravel™ Alliance (OTA) 2007A specification and is subject to the terms as set forth in the OTA License Agreement.

Please review and agree to the OTA license agreement and download the OTA 2007A specification here: <http://opentravel.org/2007A.cfm>

### **1.3 API Connectivity**

Connectivity to the RCL Cruise API will use SOAP over HTTPS over the public Internet to send and receive partner messages. Uniform Resource Locators (URL)s required to access the API and the required Web Service Description Language (WSDL) files are bundled with this specification document. Also, RCL requires partners to send, with every web service request, HTTP Basic Authentication credentials issued by the RCL Certification team.



### 1.3.1 Network Configuration

The RCL Cruise API network configuration is as follows:

Environment	URL	IP Address
STAGE	<a href="https://stage.services.rccl.com">https://stage.services.rccl.com</a>	12.45.86.82
PRODUCTION	<a href="https://services.rccl.com">https://services.rccl.com</a>	12.45.86.81
DISASTER RECOVERY	<a href="https://dr.services.rccl.com">https://dr.services.rccl.com</a>	12.172.40.29

RCL, as part of functional enhancements and other initiatives, provides partners an early-access test environment with the following configuration:

Environment	URL	IP Address
TEST – EARLY ACCESS	<a href="http://stage.services.rccl.com:444">http://stage.services.rccl.com:444</a>	12.45.86.82

This information will prove useful for partners to preconfigure their network infrastructure to access RCL services over the Internet.

## 1.4 System Testing

The RCL test environment resides within separate infrastructure than the one used for the live production environment. Test data will be seeded with an extract of production data and may not be a true representation or exact copy of production scenarios. Due to the changing nature of test inputs, the validity of test scenarios will be the responsibility of the testers involved.

## 1.5 FIT Message List

Message Name	Message Description
<b>Cruise Login</b>	This transaction is used to authenticate the Agent that has logged on and will return the required agency information to be populated in the POS header for all subsequent transactions. In the case of Global Distribution Systems, this message is not required but useful since it provides RCL specific information such as agency restrictions, valid payment methods, currencies, and insurance information.
<b>Cruise Agency Lookup</b>	This transaction is used to authenticate and lookup the Agent that has logged on and will return the required agency information to be populated in the POS header for all subsequent transactions. In the case of Global Distribution Systems, this message is not required but useful since it provides RCL specific information such as agency restrictions, valid payment methods, currencies, and insurance information.
<b>Cruise Sailing List</b>	The Sailing List Request message requests a listing of

	<p>available and unavailable sailings for a date range, for a specific geographic region and/or a specific ship code. Additional filters are available for embarkation port, dining seating, and brand.</p> <p>The response message returns a list of sailings matching the specified criteria.</p>
<b>Cruise Package List</b>	The Cruise Package List message is used to request information about the CruiseTour packages associated with a sailing.
<b>Cruise Dining List</b>	The Cruise Dining List message is used to determine what dinign seating options are available for a given sailing. Dining seating types include Traditional ( i.e. Main and Second), Open Dining, and Undecided.
<b>Cruise Transfer List</b>	The Cruise Transfer List message is used to request information about the transfers associated with a sailing. Transfers allow guests to obtain transportation from the airport to the ship and vice versa. The response message contains a list of transfers along with the associated pricing for them.
<b>Cruise Bus List</b>	<p>The Cruise Bus List message is used to request information about the buses that transport passengers from predetermined stops to the ship.</p> <p>The response message contains a list of buses that pick up passengers at pre-determined locations and transport them to the ship.</p>
<b>Cruise Tour List</b>	<p>The Cruise Tour List message is used to request information such as the duration and description of a cruise package.</p> <p>The response message contains a list of tour packages along with the associated details such as duration and pricing for these tour packages.</p>
<b>Cruise Bus Detail</b>	<p>The Cruise Bus Detail message is used to request detailed information about the buses that transport the passengers from predetermined stops to the ship.</p> <p>The response message contains the details of the requested buses along with the associated location and start times.</p>
<b>Cruise Package Detail</b>	<p>The Cruise Package Detail message is used to request detailed information about the pre-cruise, post-cruise, or the inclusive-cruise packages associated with a sailing. A cruise package can be a stay in a hotel for one or more days at the beginning or end of a cruise, cruise only transfers between the ship and the airport, or buses that transport the passengers from predetermined stops to the ship. In the case of a hotel, it is generally located near the port of embarkation or debarkation.</p>

	<p>The response message contains the details of the requested package along with the associated pricing for the package.</p>
<b>Cruise Tour Detail</b>	<p>The Cruise Tour Detail message is used to request detailed textual information about the tour.</p> <p>The response message contains the details of the requested tours along with the associated pricing for these tours, hotel addresses etc.</p>
<b>Cruise Transfer Detail</b>	<p>The Cruise Package Detail message is used to request detailed information about the pre-cruise, post-cruise, or the inclusive-cruise packages associated with a sailing. A cruise package can be a stay in a hotel for one or more days at the beginning or end of a cruise, cruise only transfers between the ship and the airport, or buses that transport the passengers from predetermined stops to the ship. In the case of a hotel, it is generally located near the port of embarkation or debarkation.</p> <p>The response message contains the details of the requested packages along with the associated pricing for these packages.</p>
<b>Cruise Category List</b>	<p>The Category List Request message requests a list of cabin rate categories for a specified sailing and fare code. The sailing information is indicated by the ship and departure date.</p> <p>The response message returns a list of cabin rate categories that correspond to the requested sailing and fare.</p>
<b>Cruise Category List Version 2.0</b>	<p>The new version supports category/pricing information for upto two different rate concepts.</p> <p>The response message returns a list of cabin rate categories that corresponds to the requested sailing and Fare codes(s). The new response structure is in a more readable format.</p>
<b>Cruise Cabin List</b>	<p>The Cabin List Request message requests a list of available cabins for a selected category on a sailing. The sailing information is defined by the departure date and ship. The fare code and the berthed and priced category codes are retained from the respective list message.</p> <p>The response message returns a list of cabins matching the specified criteria.</p>
<b>Cruise Cabin Detail</b>	<p>The Cabin Detail Request message requests details of a</p>

	<p>selected cabin for a selected category on a sailing.</p> <p>The response message returns a list of cabin attributes such as size for the requested cabin.</p>
<b>Cruise Cabin Hold</b>	<p>The Cruise Cabin Hold request message instructs RCL to put a temporary hold on selected cabin(s) for a short time interval (interval is currently set at fifteen minutes). This allows the user time to enter additional information, which is required to complete the booking without concern for losing the cabin. The sailing is identified by the ship and departure date. RCL currently allows up to four cabins to be held at a time.</p> <p>The response message indicates the status of each cabin for which a hold is requested.</p>
<b>Cruise Cabin Release</b>	<p>The Cruise Cabin Release request message is used to release a hold that was previously placed on a cabin and to release the cabin into the available inventory.</p> <p>The response message indicates the status for the cabin in the request.</p>
<b>Cruise Fare List</b>	<p>This transaction returns a list of the promotional programs that are applicable to a selected ship, sail date, and other guest requirements.</p> <p>The Fare List Request message requests a listing of available fares for a selected RCL sailing. The ship and departure date identifies the sailing. The guest count structure is used to communicate the number of guests that will be sailing. Although Guest Transportation information is optional, in normal practice it is advisable to enter the mode of transportation and gateway city because some fares have restrictions based on transportation.</p> <p>The response message returns a list of all Base fares/Promotional Fares, including agency specific restricted fares, for which the traveler qualifies based upon the criteria provided.</p>
<b>Cruise Fare Detail</b>	<p>This transaction returns the details pertaining to a selected fare such as the restrictions associated with the fare.</p> <p>The response message returns a list of fare details, including agency specific restricted fares, for which the traveler qualifies based upon the criteria provided.</p>
<b>Cruise Booking Price</b>	<p>The Cruise Booking Price request message requests the pricing for all components of a booking. All of the components to be purchased must be included in the</p>

	<p>Cruise Booking Price request. This includes the sailing by using either the booking id or the ship and sail date, the priced and berthed category, the fare code, the gateway, the pre and/or post land packages, and insurance.</p> <p><i>Asis</i> booking price can also be requested without constructing the entire request payload.</p> <p>The response message returns the pricing breakdown by component for both the booking and each guest.</p>
<b>Cruise Validate Linked Bookings</b>	The Validate Linked Bookings Request message is used to validate the cross reference booking numbers for all the categories – Tours, Dining, and Air.
<b>Cruise Payment Extension</b>	The Cruise Payment Extension request message requests for an extension of the booking option date. Prior to invoking the payment extension message, the current option date may be retrieved through the booking retrieve or in the pricing request.
<b>Cruise Confirm Booking</b>	<p>The Cruise Confirm Booking message is used to create a booking, amend a booking or cancel a booking on the RCL reservation system for a specific sailing, with a specified mode of transportation/gateway city pair and currency, and a selected fare/category pair, for one or more passengers in a specific cabin. A payment can be applied with this request.</p> <p>Prior to submitting a Confirm Booking request message, a cabin must have been placed on hold. The only exception to this is if a cabin is reserved as a guarantee, rather than a specific cabin.</p>
<b>Cruise Guest Option List</b>	The Cruise Guest Option List message is used to obtain the list of guest options available on a given sailing.
<b>Cruise Guest Services List</b>	The Cruise Guest Service List message is used to obtain the list of guest services/options available on a given sailing. It can also be used to obtain details pertaining to a selected guest service.
<b>Cruise Option Detail</b>	The Cruise Option Detail message is used to obtain the detail of guest services/options available on a given sailing.
<b>Cruise Fast Sell</b>	The Cruise Fast Sell message requires the partner to provide the mandatory ship and sail date information. Optionally, category, price program, package code, and cabin information may be provided.
<b>Cruise Make Payment</b>	The Cruise Make Payment message processes one credit card payment at a time and returns a confirmation to the partner.

<b>Cruise Itinerary Detail</b>	<p>The Cruise Itinerary Detail message is used to return the itinerary details of the sailing. The message allows travel customers to request the detailed itinerary for a specific sailing. The request message accepts a ship and sail date to retrieve the itinerary.</p> <p>The response message contains the detailed itinerary.</p>
<b>Cruise Booking Document</b>	<p>The Cruise Booking Document message provides the user the ability to request a document type and its delivery method without retrieving the reservation.</p>
<b>Retrieve Booking</b>	<p>The Retrieve Booking message uses the RCL booking ID to retrieve and assemble all the components of a booking, to include cruise, air details, and tour information.</p> <p>RCL intends to support booking retrieval by guest name. This will be included with the next specification release.</p>
<b>Get Booking List</b>	<p>The Get Booking List message is used to retrieve a list of bookings that are owned by the agency.</p> <p>The response message includes a list of bookings owned by the agency.</p>
<b>Release Booking</b>	<p>The Release Booking message uses the RCL booking ID to release the lock on the booking so that it can be modified by another entity.</p>
<b>Cruise Booking History</b>	<p>This transaction uses the booking ID assigned by RCL to get the history of revisions and/or transformations related to that booking.</p> <p>The Cruise Booking History message requests change/service history on an existing reservation. The request message is the OTA_ReadRQ where the user can specify the Reservation ID for which one wishes to see the change history. OTA_ReadRQ is also used to retrieve the reservation information. In order to distinguish the service history request from the retrieval of the reservation information a boolean variable is used. The response message OTA_CruiseBookingHistoryRS returns a list of history entries for the reservation changes that have taken place.</p>
<b>PromoSearchBreakDown</b>	<p>This transaction returns the Pricing break down for a given Promotion/Lead Promotion.</p>

<b>PromoDetailBreakDown</b>	<p>This is similar to Fare Detail service in a new format.</p> <p>This transaction returns the details pertaining to a selected fare(s) such as the restrictions associated with the fare.</p>
-----------------------------	--

## 1.6 FIT Message to WSDL Operation Mapping

The table below lists the RCL messages and the associated WSDL operations that can be performed with that message.

Message to Operation Mapping List	
Partner Message Name	Operation Name
Cabin Release	releaseCabin
Cruise Booking Price	getBookingPrice
Cruise Booking Document	getBookingDocument
Cruise Booking History	getBookingHistory
Cruise Cabin Hold	holdCabin
Cruise Cabin List	getCabinList
Cruise Cabin Detail	getCabinDetail
Cruise Category List	getCategoryList
Cruise Confirm Booking	confirmBooking
Cruise Dining List	getDiningList
Cruise Fare List	getFareList
Cruise Fare Detail	getFareDetail
Cruise Fast Sell	fastSell
Cruise Guest Option List	getOptionList
Cruise Guest Service List	getGuestServiceList
Cruise Itinerary Detail	getItineraryDetail
Cruise Lookup Agency	lookupAgency
Cruise Login	login
Cruise Make Payment	makePayment
Cruise Option Detail	getOptionDetail
Cruise Bus Detail	getBusDetail
Cruise Tour Detail	getTourDetail
Cruise Package Detail	getPackageDetail
Cruise Transfer Detail	getTransferDetail
Cruise Bus List	getBusList
Cruise Tour List	getTourList
Cruise Transfer List	getTransferList
Cruise Package List	getPackageList
Cruise Payment Extension	getPaymentExtension

Message to Operation Mapping List	
Partner Message Name	Operation Name
Cruise Sailing List	getSailingList
Cruise Validate Linked Bookings	validateLinkedBookings
Get Booking List	getBookingList
Retrieve Booking	retrieveBooking
Release Booking	releaseBooking
Promo Search BreakDown	getPromoSearchBreakDown
Promo Detail BreakDown	getPromoDetailBreakDown

## 1.7 Specification Schemas

This version of the RCL Cruise API specification is based on the OTA 2007A specification. This specification document is accompanied by XSD schema files which extend the OTA 2007A specification.

### 1.7.1 Overall Constraints and Restrictions

The following two lists include constraints and restrictions for the overall RCL API implementation and have context across all applicable API messages.

#### 1.7.1.1 Functional

- Non cruise reservation information, such as air and hotel, will always be dependent on the existence of a cruise reservation.
- Guest element can repeat maximum of 4 times though schema allows 9 occurrences. Additional occurrences are ignored in the implementation.
- Guest Count element can repeat maximum of 4 times though schema allows 9 occurrences. Additional occurrences are ignored in the implementation. Sum of quantity attribute specified in the GuestCount element should not exceed 4.
- Only 1 occurrence of SelectedCategory element with confirmed status must be provided inside SailingCategoryInfoType though schema supports 0 to 2 occurrences. 2<sup>nd</sup> occurrence is ignored. The second occurrence will be supported in the case where the agent wishes to waitlist.
- RCL requires a ship and a sail date to identify a sailing uniquely and does not use Voyage ID.
- RCL allows up to four cabins from a single sailing even though the schema allows cabins from up to three sailings to be held simultaneously.
- RCL will only read currency information from the SourceType@ISOCurrency attribute in the POS header. Any other document elements by which currency information can be exchanged will be ignored.
- Regarding the two occurrences of GuestTransportationType, only one should have confirmed status. The second occurrence will be supported in the case where the agent wishes to waitlist.
- A booking can have one confirmed cabin only.



- All messages are checked for office and brand restrictions prior to the message being processed.

### 1.7.1.2 Non-Functional

- Message payload should always use the ISO-8859-1 character set.
- Date time format will conform with the XML schema specification (yyyy-MM-ddThh:mm:ss)
- Functional errors are populated inside the Warnings element of the response

## 1.8 Message User Guide

### 1.8.1 Use Cases

Use cases presented with each message do not include all possible use cases for the given operation. Please refer to the Functional Overview and Transaction Services sections for further details.

### 1.9 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 1.10 Special Design Considerations

### 1.10.1 Requirements

- API clients are required to provide a unique Terminal ID (//POS/Source[1]/@TerminalID) across each client user for every API call. Please refer to the Cruise API Header Specification document for additional information.
- It is the API client's responsibility to generate schema compliant messages and to log such messages in case of a message exchange failure. RCL infrastructure will reject invalid messages and does not log the payload of such messages in the production environment.

### 1.10.2 Response Paging

Some Cruise API messages provide the ability to page across resultsets. Paging functionality is supported via the //<request schema root>/@MaxResponses, //<request and response schema root>/@MoreDataEchoToken, and //<response schema root>/@MoreIndicator.

Message Paging Details	
Partner Message Name	Max Response Rows
Cruise Booking History	120

Message Paging Details	
Partner Message Name	Max Response Rows
Cruise Cabin List	50
Cruise Category List	50
Cruise Fare List	99
Cruise Fare Detail	60
Cruise Option Detail	30
Cruise Tour Detail	50
Cruise Package Detail	60
Cruise Transfer Detail	50
Cruise Bus List	20
Cruise Tour List	99
Cruise Transfer List	50
Cruise Package List	40
Cruise Sailing List	40
Get Booking List	20

## **2. Cruise Login Message**

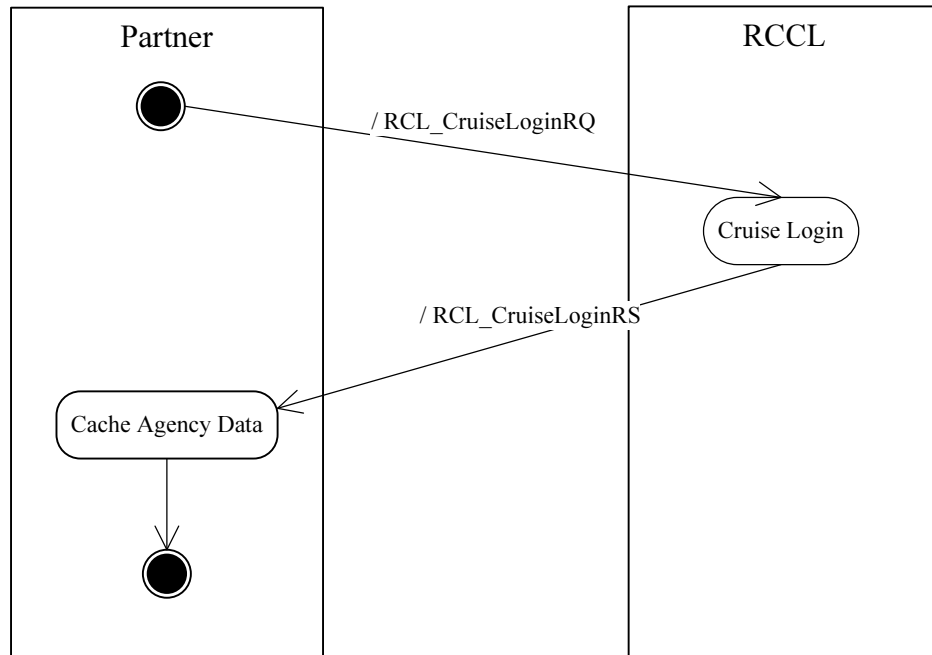
### **2.1 *Functional Overview***

This transaction is used to authenticate the Agent that has logged on and will return the required agency information to be populated in the POS header for all other transactions. In the case of Global Distribution Systems, this message is not required but useful since it provides RCL specific information such as agency restrictions, valid payment methods, currencies, and insurance information.

#### **2.1.1 Transaction Services**

This request should be the first request for every session as it is required for the agency to be identified with each request. If the partner can cache the POS header locally, this message request would not be mandatory. The message response will include the agency phone number and details, default and alternate agency currencies, valid payment methods, overall agency restrictions for managing Individual and Group Reservations, insurance code, and brands.

## 2.2 Typical Process Flow



## 2.3 Schema Specification

The schemas for Cruise Login request and response are RCL\_CruiseLoginRQ and RCL\_CruiseLoginRS. Our implementation is not part of the OTA\_2007A schema specification. It is a Travel Partner extension.

### 2.3.1 Cruise Login Request

#### 2.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType

#### 2.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 2.3.1.3 Extensions

None

## 2.3.2 Cruise Login Response

### 2.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

### 2.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

### 2.3.2.3 Extensions

This request/response pair is not part of the OTA 2007A specification.

## 2.4 Message User Guide

### 2.4.1 Request Parameters

This message requires a properly populated POS header structure.

### 2.4.2 Response Parameters

Field	Data Type	Type Size	Required
/RCL_CruiseLoginRS/POS/Source[1-3]/@PrimaryLangID	String	2	Y
/RCL_CruiseLoginRS/POS/Source[1-3]/RequestorID/@Type	Integer	1	Y
/RCL_CruiseLoginRS/POS/Source[1-3]/RequestorID/@ID	Integer	9	Y
/RCL_CruiseLoginRS/Warnings/Warning[1-3]	String	80	N
/RCL_CruiseLoginRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/RCL_CruiseLoginRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/RCL_CruiseLoginRS/Success	Node		N
/RCL_CruiseLoginRS/Profile/CompanyInfo/CompanyName/@Code	String	1	Y
/RCL_CruiseLoginRS/Profile/CompanyInfo/CompanyName/@CompanyShortName	String	35	Y
/RCL_CruiseLoginRS/Profile/CompanyInfo/AddressInfo/AddressLine[1-2]	String	32	N
/RCL_CruiseLoginRS/Profile/CompanyInfo/AddressInfo/CityName	String	16	Y
/RCL_CruiseLoginRS/Profile/CompanyInfo/AddressInfo/PostalCode	String	9	N
/RCL_CruiseLoginRS/Profile/CompanyInfo/AddressInfo/StateProv/@StateCode	String	3	N
/RCL_CruiseLoginRS/Profile/CompanyInfo/AddressInfo/CountryName/@Code	String	2	Y
/RCL_CruiseLoginRS/Profile/CompanyInfo/AddressInfo/County	String	6	N
/RCL_CruiseLoginRS/Profile/CompanyInfo/TelephoneInfo/@PhoneNumber	String	19	Y
/RCL_CruiseLoginRS/Profile/CompanyInfo/TelephoneInfo/@PhoneTechType	Integer	1	Y
/RCL_CruiseLoginRS/Profile/CompanyInfo/PaymentForm/PaymentCard[1-10]/@CardCode	String	2	N
/RCL_CruiseLoginRS/Profile/Restrictions/Restriction[1-35]/@Allowed	Boolean		Y
/RCL_CruiseLoginRS/Profile/Restrictions/Restriction[1-35]/@Description	String	128	N
/RCL_CruiseLoginRS/Profile/Restrictions/Restriction[1-35]/@RestrictionType	Integer	3	N
/RCL_CruiseLoginRS/Profile/Restrictions/Restriction[1-35]/@VendorCode	String	3	N
/RCL_CruiseLoginRS/Profile/Currency[1-10]/@CurrencyCode	String	3	N
/RCL_CruiseLoginRS/Profile/Insurance/@InsuranceCode	String	4	Y
/RCL_CruiseLoginRS/Profile/Insurance/@Status	String	1	Y
/RCL_CruiseLoginRS/Profile/ClassificationCatalog/@DomesticInternational	String	1	Y

/RCL_CruiseLoginRS/Profile/ClassificationCatalog/@TourOperatorType	String	1	N
/RCL_CruiseLoginRS/Profile/ClassificationCatalog/@ReportingOffice	String	3	N
/RCL_CruiseLoginRS/Profile/ClassificationCatalog/@ConsortiaHeadquarterInd	Yes/No		N
/RCL_CruiseLoginRS/Profile/ClassificationCatalog/@ConsortiaMemberCode	String	2	N
/RCL_CruiseLoginRS/Profile/RestrictionCatalog/RestrictionControl[0..n]/@Description	String	255	N
/RCL_CruiseLoginRS/Profile/RestrictionCatalog/RestrictionControl[0..n]/@Type	String	2	N
/RCL_CruiseLoginRS/Profile/RestrictionCatalog/RestrictionControl[0..n]/@Value	String	10	N
/RCL_CruiseLoginRS/Profile/RestrictionCatalog/RestrictionControl[0..n]/RestrictionValue[0..n]/@Description	String	255	N
/RCL_CruiseLoginRS/Profile/RestrictionCatalog/RestrictionControl[0..n]/RestrictionValue[0..n]/@Value	String	10	N
/RCL_CruiseLoginRS/Profile/RestrictionCatalog/RestrictionControl[0..n]/RestrictionValue[0..n]/RestrictionControlProperties/RestrictionProperty[0..n]/@Description	String	255	N
/RCL_CruiseLoginRS/Profile/RestrictionCatalog/RestrictionControl[0..n]/RestrictionValue[0..n]/RestrictionControlProperties/RestrictionProperty[0..n]/@Type	String	2	N
/RCL_CruiseLoginRS/Profile/RestrictionCatalog/RestrictionControl[0..n]/RestrictionValue[0..n]/RestrictionControlProperties/RestrictionProperty[0..n]/@Value	String	10	N
/RCL_CruiseLoginRS/Profile/RestrictionCatalog/RestrictionControl[0..n]/RestrictionValue[0..n]/Restrictions/Restriction[0..n]/@Allowed	Boolean		N
/RCL_CruiseLoginRS/Profile/RestrictionCatalog/RestrictionControl[0..n]/RestrictionValue[0..n]/Restrictions/Restriction[0..n]/@Description	String	255	N
/RCL_CruiseLoginRS/Profile/RestrictionCatalog/RestrictionControl[0..n]/RestrictionValue[0..n]/Restrictions/Restriction[0..n]/@RestrictionType	String	2	N
/RCL_CruiseLoginRS/Profile/RestrictionCatalog/RestrictionControl[0..n]/RestrictionValue[0..n]/Restrictions/Restriction[0..n]/@VendorCode	String	3	N

### 2.4.3 Use Case

Agent with id 111111 is logging in. There is only one agency involved in the transaction i.e there is no headquarter/branch relationship for this login request.

#### 2.4.3.1 Sample Message Request

```
<m0:RCL_CruiseLoginRQ TimeStamp="2009-02-14T09:09:09" Target="Test" Version="2.0" SequenceNbr="1"
TransactionStatusCode="Start" RetransmissionIndicator="0" >
  <m0:POS>
    <m0:Source ISOCurrency="USD" TerminalID="TERM123">
      <m0:RequestorID Type="5" ID="111111" />
      <m0:BookingChannel Type="7" />
    </m0:Source>
    <m0:Source ISOCurrency="USD" TerminalID="TERM123">
      <m0:RequestorID Type="5" ID="111111" />
      <m0:BookingChannel Type="7" />
    </m0:Source>
    <m0:Source ISOCurrency="USD" TerminalID="TERM123">
      <m0:RequestorID Type="5" ID="156781" />
      <m0:BookingChannel Type="7" />
    </m0:Source>
  </m0:POS>
</m0:RCL_CruiseLoginRQ>
```

#### 2.4.3.2 Sample Message Response

```
<alpha:RCL_CruiseLoginRS PrimaryLangID="en" Version="1.0">
  <alpha:POS>
    <alpha:Source>
      <alpha:RequestorID ID="111111" Type="5"/>
    </alpha:Source>
    <alpha:Source>
      <alpha:RequestorID ID="111111" Type="5"/>
    </alpha:Source>
  </alpha:POS>
</alpha:RCL_CruiseLoginRS>
```

```
</alpha:Source>
<alpha:Source>
  <alpha:RequestorID ID="111111" Type="5"/>
</alpha:Source>
</alpha:POS>
<alpha:Success/>
<alpha:Warnings>
  <alpha:Warning Type="3"/>
</alpha:Warnings>
<alpha:Profile>
  <alpha:CompanyInfo>
    <alpha:CompanyName Code="I" CompanyShortName="ADLEMAN TRAVEL"/>
    <alpha:AddressInfo>
      <alpha:AddressLine>200 E BROWARD BLVD</alpha:AddressLine>
      <alpha:CityName>FT LAUDERDALE</alpha:CityName>
      <alpha:PostalCode>33302</alpha:PostalCode>
      <alpha:StateProv StateCode="FL"/>
      <alpha:CountryName Code="US"/>
    </alpha:AddressInfo>
    <alpha:TelephoneInfo PhoneNumber="9999999999" PhoneTechType="3"/>
  </alpha:CompanyInfo>
  <alpha:Restrictions>
    <alpha:Restriction Allowed="true" Description="ALLOW AGENT ACCESS CRUISEMATCH GROUPS
SYSTEM" RestrictionType="1"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO AMEND BOOKINGS"
RestrictionType="3"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO BOOK AIR GATEWAYS"
RestrictionType="4"/>
    <alpha:Restriction Allowed="false" Description="ALLOWED TO CHANGE BOOKING STATUS TO
BK" RestrictionType="5"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO CANCEL BOOKINGS"
RestrictionType="6"/>
    <alpha:Restriction Allowed="false" Description="ALLOWED AGENT TO ENTER CHECK FIELD"
RestrictionType="7"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO REQUEST ALTERNATE ADDRESS"
RestrictionType="8"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO REQUEST A CRUISEFAX"
RestrictionType="9"/>
    <alpha:Restriction Allowed="false" Description="ALLOWED TO RECEIVE QUEUE MESSAGES FOR
LINK AGENTS" RestrictionType="10"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO REVIEW PRICING RELATED
SERVICE HISTORY" RestrictionType="11"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO VIEW/BOOK U.S DOMESTIC DAY
PRIOR HOTEL" RestrictionType="12"/>
    <alpha:Restriction Allowed="false" Description="VIEW/BOOK U.S INTERNATIONAL DAY PRIOR
HOTEL" RestrictionType="13"/>
    <alpha:Restriction Allowed="false" Description="ALLOWED TO VIEW ALL AVAILABLE CABINS"
RestrictionType="14"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO VIEW COMMISSIONS PRICING
DISPLAYS" RestrictionType="15"/>
    <alpha:Restriction Allowed="false" Description="ALLOWED TO VIEW CURRENT BILLING
STATEMENT" RestrictionType="16"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO VIEW GROSS PRICING DISPLAYS"
RestrictionType="17"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO VIEW NET PRICING DISPLAYS"
RestrictionType="18"/>
    <alpha:Restriction Allowed="false" Description="ALLOWED TO VIEW PROJECT STATEMENT"
RestrictionType="19"/>
    <alpha:Restriction Allowed="false" Description="AUTHORIZED FOR CREDIT CARD
FUNCTIONALITY" RestrictionType="20"/>
    <alpha:Restriction Allowed="false" Description="AUTHORIZED FOR OVERRIDE SECURITY FLAG-
AGT" RestrictionType="21"/>
    <alpha:Restriction Allowed="false" Description="AUTHORIZED FOR PIER PICKUP
FUNCTIONALITY" RestrictionType="22"/>
    <alpha:Restriction Allowed="false" Description="MUST ENTER PHONE FLAG"
RestrictionType="60"/>
    <alpha:Restriction Allowed="true" Description="AGENT 2 ALLOWED TO BE SAME AS AGENT 1"
RestrictionType="61"/>
    <alpha:Restriction Allowed="true" Description="AGENT 2 ID MUST BE SAME AS AGENT 1"
RestrictionType="63"/>
```

```

    <alpha:Restriction Allowed="false" Description="AGENT 2 MUST BE LINKED TO AGENT 1"
RestrictionType="62"/>
    <alpha:Restriction Allowed="true" Description="ENROLLED FOR E-DOC SOLUTION FLAG"
RestrictionType="64"/>
    <alpha:Restriction Allowed="false" Description="2ND AGENCY ALLOWED FLAG"
RestrictionType="65"/>
    <alpha:Restriction Allowed="true" Description="AGENCY-GROUP POLICY ELIGIBLE"
RestrictionType="66"/>
    <alpha:Restriction Allowed="false" Description="ALLOWED TO REQUEST AGENCY INVOICE
COPY" RestrictionType="68"/>
    <alpha:Restriction Allowed="false" Description="ALLOWED TO REQUEST GUEST INVOICE COPY"
RestrictionType="69"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO CREATE BOOKINGS"
RestrictionType="70"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO VIEW GROUP PENALTIES"
RestrictionType="73"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO SWAP GROUP INVENTORY"
RestrictionType="74"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO RE-ORDER DOCUMENTS"
RestrictionType="75"/>
    <alpha:Restriction Allowed="true" Description="GROUP POLICY TYPE REQUIRED"
RestrictionType="67" VendorCode="AZA"/>
    <alpha:Restriction Allowed="false" Description="MAF" RestrictionType="71" VendorCode="AZA"/>
    <alpha:Restriction VendorCode="AZA"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO CREATE GROUP SHELL"
RestrictionType="72" VendorCode="AZA"/>
    <alpha:Restriction Allowed="true" Description="GROUP POLICY TYPE REQUIRED"
RestrictionType="67" VendorCode="RCC"/>
    <alpha:Restriction Allowed="false" Description="MAF" RestrictionType="71" VendorCode="RCC"/>
    <alpha:Restriction VendorCode="RCC"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO CREATE GROUP SHELL"
RestrictionType="72" VendorCode="RCC"/>
    <alpha:Restriction Allowed="true" Description="GROUP POLICY TYPE REQUIRED"
RestrictionType="67" VendorCode="CEL"/>
    <alpha:Restriction Allowed="false" Description="MAF" RestrictionType="71" VendorCode="CEL"/>
    <alpha:Restriction VendorCode="CEL"/>
    <alpha:Restriction Allowed="true" Description="ALLOWED TO CREATE GROUP SHELL"
RestrictionType="72" VendorCode="CEL"/>
  </alpha:Restrictions>
  <alpha:Currency CurrencyCode="USD"/>
  <alpha:Insurance InsuranceCode="CRCR" Status="S"/>
  <alpha:ClassificationCatalog ConsortiaHeadquarterInd="No" DomesticInternational="D"
ReportingOffice="MIA"/>
  <alpha:RestrictionCatalog>
    <alpha:RestrictionControl Description="Contract Group Types" Type="1" Value="GTYT_CT"/>
    <alpha:RestrictionControl Description="Non-Contract Group Types" Type="2" Value="GTYT_NC">
      <alpha:RestrictionValue Description="Affinity" Value="A"/>
      <alpha:RestrictionValue Description="Promotional" Value="P"/>
      <alpha:RestrictionValue Description="Incentive" Value="I"/>
    </alpha:RestrictionControl>
    <alpha:RestrictionControl Type="3" Value="BRAND">
      <alpha:RestrictionValue Description="AZA" Value="AZA">
        <alpha:RestrictionControlProperties>
          <alpha:RestrictionProperty Description="Group Models" Type="2"
Value="GROUPMODEL">
            <alpha:RestrictionValue Description="Traditional"
Value="T"/>
          </alpha:RestrictionProperty>
        </alpha:RestrictionControlProperties>
      </alpha:Restrictions>
      <alpha:Restriction Allowed="true" Description="GROUP POLICY
TYPE REQUIRED" RestrictionType="67" VendorCode="AZA"/>
      <alpha:Restriction Allowed="false" Description="MAF"
RestrictionType="71" VendorCode="AZA"/>
      <alpha:Restriction Allowed="true" Description="ALLOWED TO
CREATE GROUP SHELL" RestrictionType="72" VendorCode="AZA"/>
    </alpha:RestrictionValue>
  </alpha:RestrictionControl>
  <alpha:RestrictionControl Type="3" Value="BRAND">

```



```

        <alpha:RestrictionValue Description="RCC" Value="RCC">
            <alpha:RestrictionControlProperties>
                <alpha:RestrictionProperty Description="Group Models" Type="2"
Value="GROUPMODEL">
                    <alpha:RestrictionValue Description="Traditional"
Value="T"/>
                </alpha:RestrictionProperty>
            </alpha:RestrictionControlProperties>
            <alpha:Restrictions>
                <alpha:Restriction Allowed="true" Description="GROUP POLICY
TYPE REQUIRED" RestrictionType="67" VendorCode="RCC"/>
                <alpha:Restriction Allowed="false" Description="MAF"
RestrictionType="71" VendorCode="RCC"/>
                <alpha:Restriction Allowed="true" Description="ALLOWED TO
CREATE GROUP SHELL" RestrictionType="72" VendorCode="RCC"/>
            </alpha:Restrictions>
        </alpha:RestrictionValue>
    </alpha:RestrictionControl>
    <alpha:RestrictionControl Type="3" Value="BRAND">
        <alpha:RestrictionValue Description="CEL" Value="CEL">
            <alpha:RestrictionControlProperties>
                <alpha:RestrictionProperty Description="Group Models" Type="2"
Value="GROUPMODEL">
                    <alpha:RestrictionValue Description="Traditional"
Value="T"/>
                </alpha:RestrictionProperty>
            </alpha:RestrictionControlProperties>
            <alpha:Restrictions>
                <alpha:Restriction Allowed="true" Description="GROUP POLICY
TYPE REQUIRED" RestrictionType="67" VendorCode="CEL"/>
                <alpha:Restriction Allowed="false" Description="MAF"
RestrictionType="71" VendorCode="CEL"/>
                <alpha:Restriction Allowed="true" Description="ALLOWED TO
CREATE GROUP SHELL" RestrictionType="72" VendorCode="CEL"/>
            </alpha:Restrictions>
        </alpha:RestrictionValue>
    </alpha:RestrictionControl>
    <alpha:RestrictionControl Description="Group Models" Type="4" Value="GROUPMODEL">
        <alpha:RestrictionValue Description="Traditional" Value="T">
            <alpha:RestrictionControlProperties>
                <alpha:RestrictionProperty Description="Default" Type="1"
Value="DEFAULT">
                    <alpha:RestrictionValue Type="Documentation" Value="M"/>
                    <alpha:RestrictionValue Type="Commission" Value="1"/>
                    <alpha:RestrictionValue Type="Pricing" Value="1"/>
                    <alpha:RestrictionValue Type="CommissionPaid"
Value="1"/>
                    <alpha:RestrictionValue Type="Access" Value="N"/>
                </alpha:RestrictionProperty>
            </alpha:RestrictionControlProperties>
            <alpha:Restrictions>
                <alpha:Restriction Allowed="false" Description="MUST ENTER
PHONE FLAG" RestrictionType="60"/>
                <alpha:Restriction Allowed="true" Description="AGENT 2 ALLOWED
TO BE SAME AS AGENT 1" RestrictionType="61"/>
            </alpha:Restrictions>
        </alpha:RestrictionValue>
    </alpha:RestrictionControl>
</alpha:RestrictionCatalog>
</alpha:Profile>
</alpha:RCL_CruiseLoginRS>

```

## 2.5 Error Handling

Please refer error code appendix for a list of RCL error codes.

## **2.6 *Special Design Considerations***

None

### 3. Cruise Agency Lookup Message

#### 3.1 Functional Overview

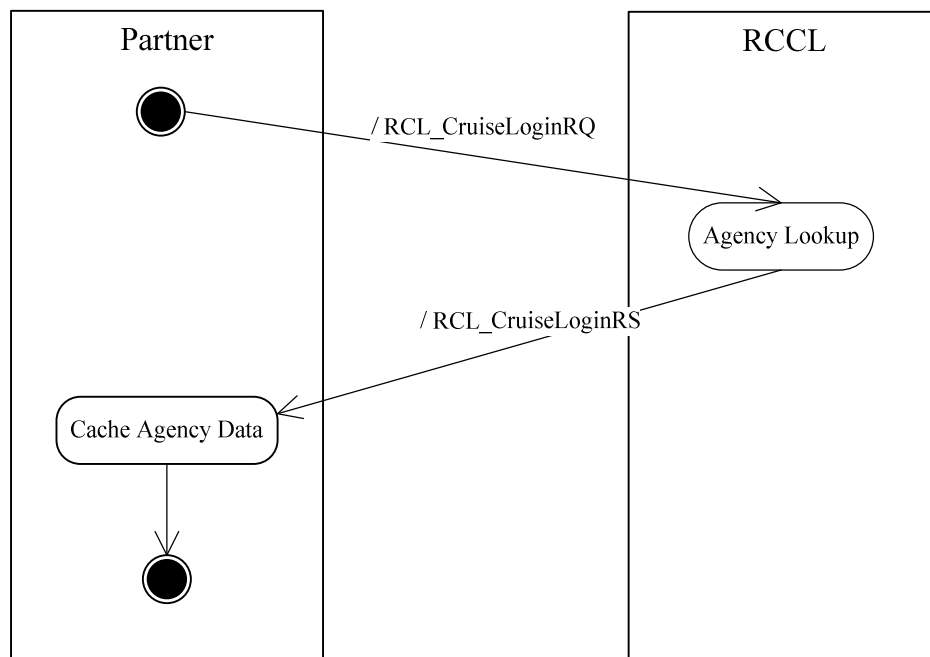
This message is very similar to the Cruise Login message but is used to perform an agency lookup instead. This message is most useful when a headquarter/branch relationship exists between agencies.

This transaction is used to authenticate the Agent that has logged on and will return the agency information requested based on a supplied phone number.

##### 3.1.1 Transaction Services

The agency lookup is allowed only if the requesting agency is authorized to perform the lookup for the agency whose phone number is being supplied in the request.

#### 3.2 Typical Process Flow



#### 3.3 Schema Specification

The schemas for Agency Lookup request and response are `RCL_CruiseLoginRQ` and `RCL_CruiseLoginRS`. Our implementation is not part of the `OTA_2007A` schema specification. It is a Travel Partner extension.

### 3.3.1 Agency Lookup Request

#### 3.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType

#### 3.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 3.3.1.3 Extensions

None

### 3.3.2 Agency Lookup Response

#### 3.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

#### 3.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 3.3.2.3 Extensions

This request/response pair is not part of the OTA 2007A specification.

## 3.4 Message User Guide

### 3.4.1 Request Parameters

This message requires a properly populated POS header structure.

### 3.4.2 Response Parameters

Field	Data Type	Type Size	Required
/RCL_CruiseLoginRS/POS/Source	Node		Y
/RCL_CruiseLoginRS/Warnings/Warning[1]	String	80	N
/RCL_CruiseLoginRS/Warnings/Warning[1]/@ShortText	String	7	N
/RCL_CruiseLoginRS/Warnings/Warning[1]/@Type	Integer	1	N
/RCL_CruiseLoginRS/Success	Node		N
/RCL_CruiseLoginRS/Profile/CompanyInfo/CompanyName[1-2]/@Code	Integer	9	Y
/RCL_CruiseLoginRS/Profile/CompanyInfo/CompanyName[1-2]/@CodeContext	String	12	Y

/RCL_CruiseLoginRS/Profile/CompanyInfo/CompanyName[3]	String	35	Y
/RCL_CruiseLoginRS/Profile/CompanyInfo/AddressInfo/AddressLine[1-2]	String	32	N
/RCL_CruiseLoginRS/Profile/CompanyInfo/AddressInfo/CityName	String	16	Y
/RCL_CruiseLoginRS/Profile/CompanyInfo/AddressInfo/PostalCode	String	9	N
/RCL_CruiseLoginRS/Profile/CompanyInfo/AddressInfo/StateProv	String	2	N
/RCL_CruiseLoginRS/Profile/CompanyInfo/TelephoneInfo[1-2]/@PhoneNumber	String	19	N
/RCL_CruiseLoginRS/Profile/CompanyInfo/TelephoneInfo[1]/@PhoneLocationType	Integer	2	N
/RCL_CruiseLoginRS/Profile/CompanyInfo/TelephoneInfo[1]/@PhoneUseType	Integer	2	N
/RCL_CruiseLoginRS/Profile/CompanyInfo/LoyaltyProgram/@LoyaltyLevel	String	1	N
/RCL_CruiseLoginRS/Profile/CompanyInfo/Restrictions/Restriction/Status	Integer	3	Y
/RCL_CruiseLoginRS/Profile/Currency/@CurrencyCode	String	3	Y
/RCL_CruiseLoginRS/Profile/Insurance/@DefaultIndicator	Boolean		Y
/RCL_CruiseLoginRS/Profile/Insurance/@InsuranceCode	String	4	Y

### 3.4.3 Use Case

Agent with id 145041 is trying to lookup the details pertaining to the agency with phone number 441-2967900.

#### 3.4.3.1 Sample Message Request

```
<alp:RCL_CruiseLoginRQ RetransmissionIndicator="false" SequenceNmbr="1" TimeStamp="2008-04-30T17:43:55.708Z" Version="1.0">
  <alp:POS>
    <alp:Source ISOCurrency="USD" TerminalID="234518Q1CT">
      <alp:RequestorID ID="145041" Type="5"/>
      <alp:BookingChannel Type="7"/>
    </alp:Source>
    <alp:Source ISOCurrency="USD" TerminalID="234518Q1CT">
      <alp:RequestorID ID="145041" Type="5"/>
      <alp:BookingChannel Type="7"/>
    </alp:Source>
    <alp:Source ISOCurrency="USD" TerminalID="234518Q1CT">
      <alp:RequestorID ID="145041" Type="5"/>
      <alp:BookingChannel Type="7"/>
    </alp:Source>
    <alp:Source ISOCurrency="USD" TerminalID="234518Q1CT">
      <alp:RequestorID ID="4412967900" Type="5"/>
      <alp:BookingChannel Type="7"/>
    </alp:Source>
    <alp:Source ISOCurrency="USD" TerminalID="234518Q1CT">
      <alp:RequestorID ID="4412967900" Type="5"/>
      <alp:BookingChannel Type="7"/>
    </alp:Source>
  </alp:POS>
</alp:RCL_CruiseLoginRQ>
```

#### 3.4.3.2 Sample Message Response

```
<alpha:RCL_CruiseLoginRS Version="1.0">
  <alpha:POS>
    <alpha:Source/>
  </alpha:POS>
  <alpha:Success/>
  <alpha:Warnings>
    <alpha:Warning Type="3"/>
  </alpha:Warnings>
  <alpha:Profile>
    <alpha:CompanyInfo>
      <alpha:CompanyName Code="145041" CodeContext="AGENCY ID 1"/>
    </alpha:CompanyInfo>
  </alpha:Profile>
</alpha:RCL_CruiseLoginRS>
```

```
<alpha:CompanyName Code="146156" CodeContext="AGENCY ID 2"/>
<alpha:CompanyName>GLOBAL TRAVEL LIMITED</alpha:CompanyName>
<alpha:AddressInfo>
  <alpha:AddressLine>PARK HOUSE</alpha:AddressLine>
  <alpha:AddressLine>31 MIDDLE ROAD,</alpha:AddressLine>
  <alpha:CityName/>
  <alpha:PostalCode>FL03</alpha:PostalCode>
  <alpha:StateProv/>
</alpha:AddressInfo>
<alpha:TelephoneInfo PhoneLocationType="7" PhoneNumber="4412967900"/>
<alpha:TelephoneInfo PhoneNumber="9999999999" PhoneUseType="3"/>
<alpha:LoyaltyProgram/>
</alpha:CompanyInfo>
<alpha:Currency CurrencyCode="USD"/>
<alpha:Insurance DefaultIndicator="false" InsuranceCode="CRCR"/>
</alpha:Profile>
</alpha:RCL_CruiseLoginRS>
```

### 3.5 Error Handling

Please refer error code appendix for a list of RCL error codes.

### 3.6 Special Design Considerations

None

## 4. Cruise Sailing List Message

### 4.1 *Functional Overview*

The Sailing List Request message requests a listing of available and unavailable sailings for a date range, for a specific geographic region and/or a specific ship code. Additional filters are available for embarkation port and brand.

The response message returns a list of sailings matching the specified criteria. RCL typically does not restrict the returned list of sailings to an exact request date, but will return sailings that fall within a time window around the requested date.

RCL identifies a sailing by a combination of ship and sailing date.

The following optional search qualifiers are supported for the Sailing List Message.

- SailingDateRange
  - Start
  - End
  - Duration
  - Minimum duration
  - Maximum duration
- CruiseLinePref
  - Vendor Code
  - Ship Code
  - Status
  - Port Code
- Region Pref
  - Region Code

Priced Category Code, Berthed Category Code, and Dining are not supported by this message.

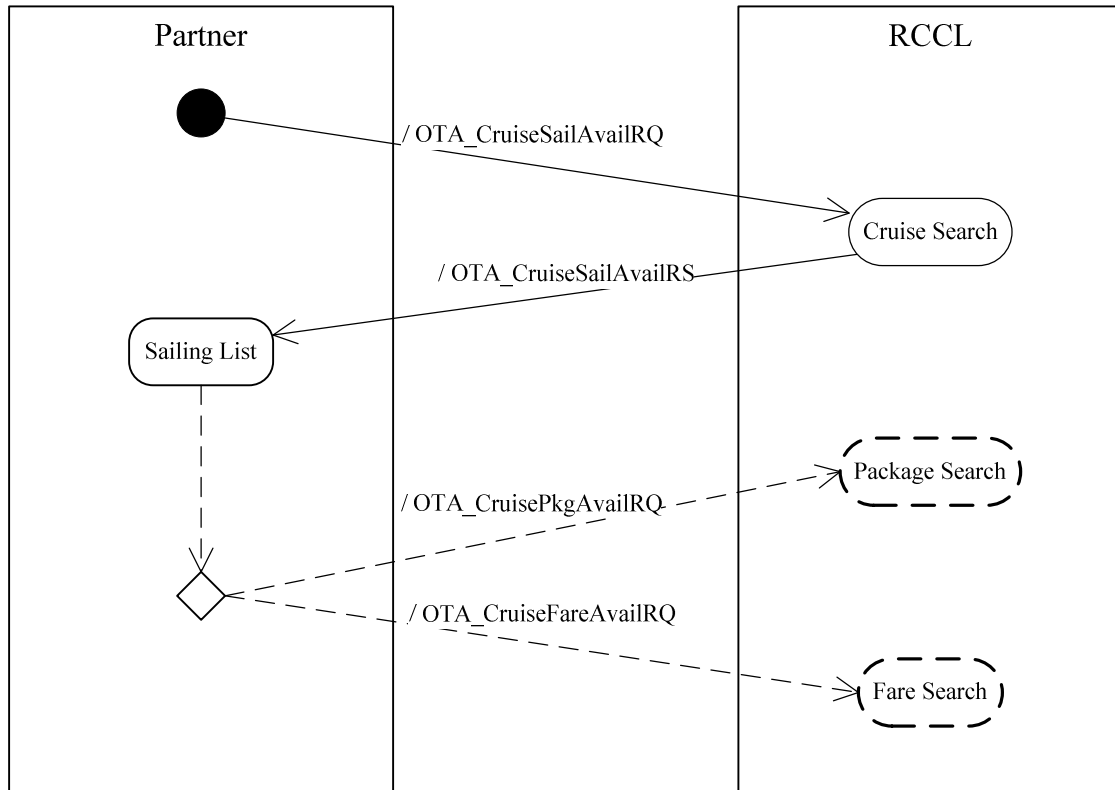
#### 4.1.1 Transaction Services

- Defaults to all brands at RCL if no cruise line is provided.
- Defaults Sailing Date to today's date if no sailing date is provided.
- Provides sailings for up to 30 days past the selected sailing start date or the current date.

- Defaults to all geographic regions if no geographic area is provided.
- Allows Selection by Region.
- Every sailing returned in the response will indicate the availability of a group reservation.



## 4.2 Typical Process Flow



## 4.3 Schema Specification

The schemas for Cruise Sailing List request and response are OTA\_CruiseSailAvailRQ and OTA\_CruiseSailAvailRS. Our implementation is based on the OTA\_2007A schema specification.

### 4.3.1 Cruise Sailing List Request

#### 4.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS(Point of Sale)	POS_Type
Guest	GuestType
SailingDateRange	DateTimeSpanType ( Extends)

### 4.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information.
- Searching by port under SearchQualifier is supported only if it is an originating port for a sailing.
- Only one region/subregion for a sailing search even though schema supports up to five.
- Price search is not supported.

### 4.3.1.3 Extensions

None

## 4.3.2 Cruise Sailing List Response

### 4.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingOptions/SailingOption	SailingType (Extends)
Errors	ErrorsType

### 4.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

### 4.3.2.3 Extensions

None

## 4.4 Message User Guide

### 4.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseSailAvailRQ/@MaxResponses	Integer	2	N
/OTA_CruiseSailAvailRQ/@MoreDataEchoToken	String	12	N
/OTA_CruiseSailAvailRQ/SailingDateRange/@Start	Date		N
/OTA_CruiseSailAvailRQ/SailingDateRange/@End	Date		N
/OTA_CruiseSailAvailRQ/SailingDateRange/@Duration	Integer	2	N
/OTA_CruiseSailAvailRQ/SailingDateRange/@MinDuration	String	4	N
/OTA_CruiseSailAvailRQ/SailingDateRange/@MaxDuration	String	4	N
/OTA_CruiseSailAvailRQ/GuestCounts/GuestCount[1-4]/@Quantity	Integer	1	N
/OTA_CruiseSailAvailRQ/RegionPref/@RegionCode	String	5	N
/OTA_CruiseSailAvailRQ/CruiseLinePrefs/CruiseLinePref[1]/@ShipCode	String	2	N
/OTA_CruiseSailAvailRQ/CruiseLinePrefs/CruiseLinePref[1]/@VendorCode	String	3	N
/OTA_CruiseSailAvailRQ/CruiseLinePrefs/CruiseLinePref[1]/SearchQualifiers/Port/[@EmbarkIndicator='true']/@PortCode	String	3	N

/OTA_CruiseSailAvailRQ/CruiseLinePrefs/CruiseLinePref[1]/SearchQualifiers/Status/@Status='38'	Integer	2	N
---	---------	---	---

#### 4.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseSailAvailRS/@MoreIndicator	Boolean	1	Y
/OTA_CruiseSailAvailRS/@MaxResponses	Integer	3	Y
/OTA_CruiseSailAvailRS/@MoreDataEchoToken	String	128	Y
/OTA_CruiseSailAvailRS/Warnings/Warning[1]	String	80	N
/OTA_CruiseSailAvailRS/Warnings/Warning[1]/@ShortText	String	7	N
/OTA_CruiseSailAvailRS/Warnings/Warning[1]/@Type	Integer	1	N
/OTA_CruiseSailAvailRS/Success	Node		N
/OTA_CruiseSailAvailRS/SailingOptions/SailingOption[1-40]/SelectedSailing/@Duration	String	4	Y
/OTA_CruiseSailAvailRS/SailingOptions/SailingOption[1-40]/SelectedSailing/@PortsOfCallQuantity	Integer	2	Y
/OTA_CruiseSailAvailRS/SailingOptions/SailingOption[1-40]/SelectedSailing/@Start	Date		Y
/OTA_CruiseSailAvailRS/SailingOptions/SailingOption[1-40]/SelectedSailing/@Status	Integer	3	Y
/OTA_CruiseSailAvailRS/SailingOptions/SailingOption[1-40]/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruiseSailAvailRS/SailingOptions/SailingOption[1-40]/SelectedSailing/CruiseLine/@VendorCode	String	3	Y
/OTA_CruiseSailAvailRS/SailingOptions/SailingOption[1-40]/SelectedSailing/Region/@RegionCode	String	5	Y
/OTA_CruiseSailAvailRS/SailingOptions/SailingOption[1-40]/SelectedSailing/Region/@SubRegionCode	String	5	Y
/OTA_CruiseSailAvailRS/SailingOptions/SailingOption[1-40]/SelectedSailing/DeparturePort/@LocationCode	String	3	Y
/OTA_CruiseSailAvailRS/SailingOptions/SailingOption[1-40]/SelectedSailing/ArrivalPort/@LocationCode	String	3	Y
/OTA_CruiseSailAvailRS/SailingOptions/SailingOption[1-40]/InclusivepackageOption/@CruisePackageCode	String	8	Y
/OTA_CruiseSailAvailRS/SailingOptions/SailingOption[1-40]/InclusivepackageOption/@InclusiveIndicator	Boolean		Y

#### 4.4.3 Use Case 1

John and a guest are planning on going on an Azamara cruise of 6 to 8 nights cruise between 6 and 8 around February 19, 2009.

##### 4.4.3.1 Sample Message Request – OTA\_CruiseSailAvailRQ

```
<sail:getSailingList>
  <OTA_CruiseSailAvailRQ MaxResponses="40" MoreIndicator="true" RetransmissionIndicator="false"
    SequenceNmbr="1" TimeStamp="2008-07-17T12:44:44.866-04:00" TransactionIdentifier="106597" Version="1.0"
    xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      <Source ISOCurrency="USD" PseudoCityCode="MP45" TerminalID="SabreTstlr">
        <BookingChannel Type="1">
          <CompanyName CompanyShortName="SABRE"/>
        </BookingChannel>
      </Source>
    </POS>
    <GuestCounts>
      <GuestCount Quantity="1"/>
      <GuestCount Quantity="1"/>
    </GuestCounts>
    <SailingDateRange Start="2009-02-19" MinDuration="P6N" MaxDuration="P8N"/>
    <CruiseLinePrefs>
      <CruiseLinePref VendorCode="Z">
        <SearchQualifiers/>
      </CruiseLinePref>
    </CruiseLinePrefs>
  </OTA_CruiseSailAvailRQ>
</sail:getSailingList>
```

```
</OTA_CruiseSailAvailRQ>
</sail:getSailingList>
```

#### 4.4.3.2 Sample Message Response – OTA\_CruiseSailAvailRS

```
<list:getSailingListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.rccl.com/Interfaces/SailingList">
  <alpha:OTA_CruiseSailAvailRS MaxResponses="9" MoreDataEchoToken="2009-05-1614EUROPQS"
MoreIndicator="false" SequenceNmbr="0" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:SailingOptions>
      <alpha:SailingOption>
        <alpha:SelectedSailing Duration="P12N" PortsOfCallQuantity="5" Start="2009-03-08" Status="36">
          <alpha:CruiseLine ShipCode="JR" VendorCode="AZA"/>
          <alpha:Region RegionCode="CARIB" SubRegionCode="CAE"/>
          <alpha:DeparturePort LocationCode="MIA"/>
          <alpha:ArrivalPort LocationCode="MIA"/>
        </alpha:SelectedSailing>
        <alpha:InclusivePackageOption CruisePackageCode="JR12L009" InclusiveIndicator="false"/>
      </alpha:SailingOption>
      <alpha:SailingOption>
        <alpha:SelectedSailing Duration="P16N" PortsOfCallQuantity="5" Start="2009-03-20" Status="36">
          <alpha:CruiseLine ShipCode="JR" VendorCode="AZA"/>
          <alpha:Region RegionCode="T.ATL" SubRegionCode="XAL"/>
          <alpha:DeparturePort LocationCode="MIA"/>
          <alpha:ArrivalPort LocationCode="MIA"/>
        </alpha:SelectedSailing>
        <alpha:InclusivePackageOption CruisePackageCode="JR16T009" InclusiveIndicator="false"/>
      </alpha:SailingOption>
      <alpha:SailingOption>
        <alpha:SelectedSailing Duration="P10N" PortsOfCallQuantity="5" Start="2009-04-05" Status="36">
          <alpha:CruiseLine ShipCode="JR" VendorCode="AZA"/>
          <alpha:Region RegionCode="EUROP" SubRegionCode="EMW"/>
          <alpha:DeparturePort LocationCode="BCN"/>
          <alpha:ArrivalPort LocationCode="BCN"/>
        </alpha:SelectedSailing>
        <alpha:InclusivePackageOption CruisePackageCode="JR10M020" InclusiveIndicator="false"/>
      </alpha:SailingOption>
      <alpha:SailingOption>
        <alpha:SelectedSailing Duration="P24N" PortsOfCallQuantity="5" Start="2009-04-07" Status="36">
          <alpha:CruiseLine ShipCode="QS" VendorCode="AZA"/>
          <alpha:Region RegionCode="FAR.E" SubRegionCode="FAR"/>
          <alpha:DeparturePort LocationCode="SIN"/>
          <alpha:ArrivalPort LocationCode="SIN"/>
        </alpha:SelectedSailing>
        <alpha:InclusivePackageOption CruisePackageCode="QS24I002" InclusiveIndicator="false"/>
      </alpha:SailingOption>
      <alpha:SailingOption>
        <alpha:SelectedSailing Duration="P10N" PortsOfCallQuantity="5" Start="2009-04-15" Status="36">
          <alpha:CruiseLine ShipCode="JR" VendorCode="AZA"/>
          <alpha:Region RegionCode="EUROP" SubRegionCode="EME"/>
          <alpha:DeparturePort LocationCode="VCE"/>
          <alpha:ArrivalPort LocationCode="VCE"/>
        </alpha:SelectedSailing>
        <alpha:InclusivePackageOption CruisePackageCode="JR10M021" InclusiveIndicator="false"/>
      </alpha:SailingOption>
      <alpha:SailingOption>
        <alpha:SelectedSailing Duration="P7N" PortsOfCallQuantity="5" Start="2009-04-25" Status="36">
          <alpha:CruiseLine ShipCode="JR" VendorCode="AZA"/>
          <alpha:Region RegionCode="EUROP" SubRegionCode="EME"/>
          <alpha:DeparturePort LocationCode="ROM"/>
          <alpha:ArrivalPort LocationCode="ROM"/>
        </alpha:SelectedSailing>
```

```

    <alpha:InclusivePackageOption CruisePackageCode="JR07M037" InclusiveIndicator="false"/>
  </alpha:SailingOption>
  <alpha:SailingOption>
    <alpha:SelectedSailing Duration="P7N" PortsOfCallQuantity="5" Start="2009-05-02" Status="36">
      <alpha:CruiseLine ShipCode="JR" VendorCode="AZA"/>
      <alpha:Region RegionCode="EUROP" SubRegionCode="EME"/>
      <alpha:DeparturePort LocationCode="VCE"/>
      <alpha:ArrivalPort LocationCode="VCE"/>
    </alpha:SelectedSailing>
    <alpha:InclusivePackageOption CruisePackageCode="JR07M038" InclusiveIndicator="false"/>
  </alpha:SailingOption>
  <alpha:SailingOption>
    <alpha:SelectedSailing Duration="P7N" PortsOfCallQuantity="5" Start="2009-05-09" Status="36">
      <alpha:CruiseLine ShipCode="JR" VendorCode="AZA"/>
      <alpha:Region RegionCode="EUROP" SubRegionCode="EME"/>
      <alpha:DeparturePort LocationCode="ATH"/>
      <alpha:ArrivalPort LocationCode="ATH"/>
    </alpha:SelectedSailing>
    <alpha:InclusivePackageOption CruisePackageCode="JR07M039" InclusiveIndicator="false"/>
  </alpha:SailingOption>
  <alpha:SailingOption>
    <alpha:SelectedSailing Duration="P14N" PortsOfCallQuantity="5" Start="2009-05-16" Status="36">
      <alpha:CruiseLine ShipCode="QS" VendorCode="AZA"/>
      <alpha:Region RegionCode="EUROP" SubRegionCode="EME"/>
      <alpha:DeparturePort LocationCode="ROM"/>
      <alpha:ArrivalPort LocationCode="ROM"/>
    </alpha:SelectedSailing>
    <alpha:InclusivePackageOption CruisePackageCode="QS14M031" InclusiveIndicator="false"/>
  </alpha:SailingOption>
</alpha:SailingOptions>
</alpha:OTA_CruiseSailAvailRS>
</list:getSailingListResponse>

```

## 4.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 4.6 Special Design Considerations

None

## **5. Cruise Package List Message**

### **5.1 *Functional Overview***

The Cruise Package List message is used to request information about the inclusive-cruise packages associated with a sailing and Cruise Tours. The response message contains a list of requested packages.

When invoking this transaction, the PackageTypeCode needs to be provided as per the OTA schema requirements but the value will not be processed by RCL.

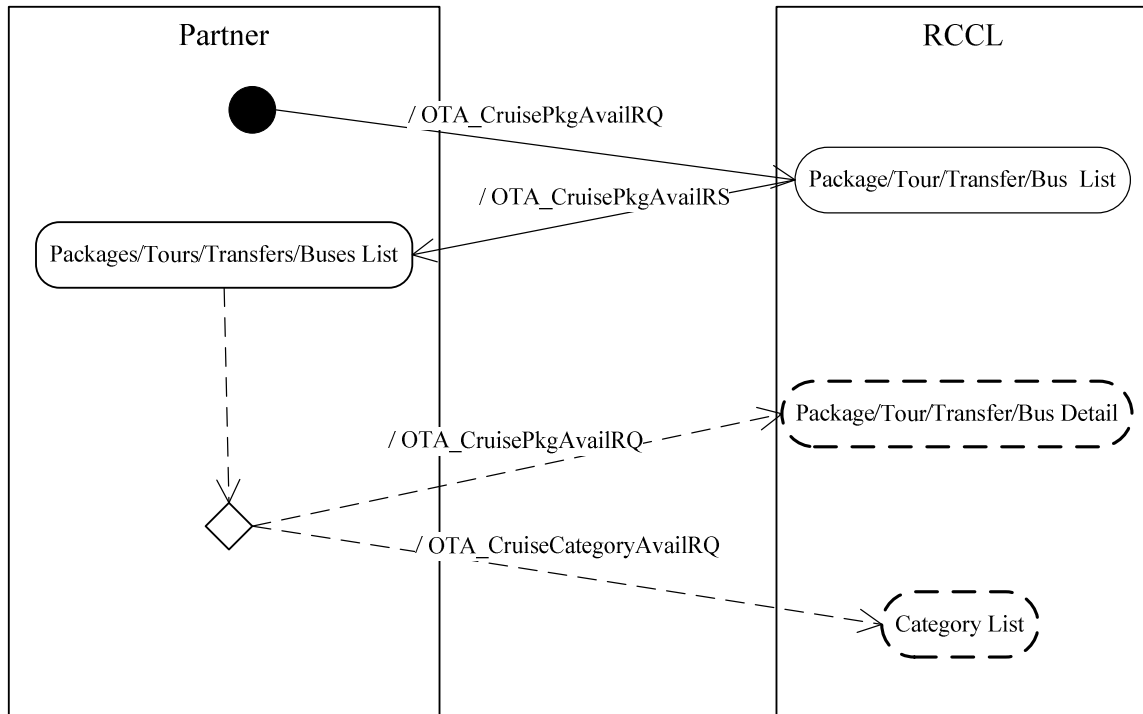
In the response, the possible CruisePackageCodes are:

- 1 – Cruise Tour
- 2 – Expedition
- 3 - Other

#### **5.1.1 Transaction Services**

- Allows for selection of packages from multiple departures (using a date range in the request) or from only one departure.
- If a package is included, it returns the package tours with the actual package tour code.

### **5.2 *Typical Process Flow***



### 5.3 Schema Specification

The schemas for Cruise Package List request and response are OTA\_CruisePkgAvailRQ and OTA\_CruisePkgAvailRS. Our implementation is based on the OTA\_2007A schema specification.

#### 5.3.1 Cruise Package List Request

##### 5.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS(Point of Sale)	POS_Type
SailingInfo	SailingCategoryInfoType
Package Option	CruisePackageType

##### 5.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Regarding the two occurrences of GuestTransportationType, only the confirmed status occurrence will be used.

##### 5.3.1.3 Extensions

None

## 5.3.2 Cruise Package List Response

### 5.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingCategoryInfoType
CruisePackages/CruisePackage	CruisePackageType (Extends)
Errors	ErrorsType

### 5.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

### 5.3.2.3 Extensions

- None

## 5.4 Message User Guide

### 5.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePkgAvailRQ/@MaxResponses	Integer	2	N
/OTA_CruisePkgAvailRQ/@MoreDataEchoToken	String	19	N
/OTA_CruisePkgAvailRQ/ReservationID[1]/@ID	Integer	7	N
/OTA_CruisePkgAvailRQ/ReservationID[1]/@StatusCode	Integer	2	N
/OTA_CruisePkgAvailRQ/PackageOption/@Status	Integer	2	N
/OTA_CruisePkgAvailRQ/PackageOption/@PackageTypeCode	Integer	2	Y
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/End	Date		N
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/@Duration	String	4	N
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	N
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@VendorCode	String	3	N
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/Region/@RegionCode	String	5	N
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/DeparturePort/@LocationCode	String	3	N
/OTA_CruisePkgAvailRQ/GuestInfos/GuestInfo[1]	Node		Y
/OTA_CruisePkgAvailRQ/GuestInfos/GuestInfo[2-4]	Node		N
/OTA_CruisePkgAvailRQ/GuestInfos/GuestInfo[1-4]/GuestTransportation[1]/@Mode	Integer	2	N
/OTA_CruisePkgAvailRQ/GuestInfos/GuestInfo[1-4]/GuestTransportation[2]/@Mode	Integer	2	N
/OTA_CruisePkgAvailRQ/GuestInfos/GuestInfo[1-4]/GuestTransportation[1]/@Status	Integer	2	N
/OTA_CruisePkgAvailRQ/GuestInfos/GuestInfo[1-4]/GuestTransportation[2]/@Status	Integer	2	N
/OTA_CruisePkgAvailRQ/GuestInfos/GuestInfo[1-4]/GuestTransportation[1]/[@Mode="14" and @Status="36"]/GatewayCity/@LocationCode	String	3	N

### 5.4.2 Response Parameters

Field	Data Type	Type Size	Required
-------	-----------	-----------	----------



/OTA_CruisePkgAvailRS/@MoreIndicator	Boolean	1	Y
/OTA_CruisePkgAvailRS/@MaxResponses	Integer	3	Y
/OTA_CruisePkgAvailRS/@MoreDataEchoToken	String	128	Y
/OTA_CruisePkgAvailRS/Warnings/Warning[1]	String	80	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1]/@ShortText	String	7	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1]/@Type	Integer	1	N
/OTA_CruisePkgAvailRS/Success	Node		N
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/CruisePackages/CruisePackage/@CruisePackageCode	String	8	Y
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/CruisePackages/CruisePackage/@Duration	String	4	Y
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/CruisePackages/CruisePackage/@Description	String	45	Y
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/CruisePackages/CruisePackage/@PackageTypeCode	Integer	2	Y
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/CruisePackages/CruisePackage/@End	Date		Y
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/CruisePackages/CruisePackage/@Start	Date		Y
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/SelectedSailing/@Status	Integer	3	Y
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/SelectedSailing/CruiseLine/@VendorCode	String	3	Y
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/SelectedSailing/Region/@RegionCode	String	5	Y
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/SelectedSailing/Region/@SubRegionCode	String	5	Y
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/SelectedSailing/DeparturePort/@LocationCode	String	3	Y
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/SelectedSailing/ArrivalPort/@LocationCode	String	3	Y
/OTA_CruisePkgAvailRS/TPA_Extensions/SailingInfos/SailingInfo[1-40]/InclusivePackageOption/@CruisePackageCode	Integer	2	N

## 5.4.3 Use Case

John and a guest are interested in searching for packages that sail around August 2, 2009 to Europe on RCI's Navigator of the Seas. This will be a cruise-only booking.

### 5.4.3.1 Sample Message Request – OTA\_CruisePkgAvailRQ

```
<m:getPackageList xmlns:m="http://services.rccl.com/Interfaces/PackageList">
  <OTA_CruisePkgAvailRQ MaxResponses="40" SequenceNmbr="1" TimeStamp="2008-05-20T15:56:34.862-04:00" TransactionIdentifier="123456" Version="1.0" xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <GuestInfos>
      <GuestInfo>
        <GuestTransportation Mode="29" Status="36">
          <GatewayCity CodeContext="IATA" LocationCode="C/O"/>
        </GuestTransportation>
      </GuestInfo>
      <GuestInfo>
        <GuestTransportation Mode="29" Status="36">
          <GatewayCity CodeContext="IATA" LocationCode="C/O"/>
        </GuestTransportation>
      </GuestInfo>
    </GuestInfos>
    <SailingInfo>
```

```

<SelectedSailing Start="2009-08-02">
  <CruiseLine ShipCode="NV" VendorCode="R"/>
  <Region RegionCode="EUROP"/>
</SelectedSailing>
</SailingInfo>
<PackageOption PackageTypeCode="0"/>
</OTA_CruisePkgAvailRQ>
</m:getPackageList>

```

### 5.4.3.2 Sample Message Response – OTA\_CruisePkgAvailRS

The response message contains a list of packages with the associated information.

```

<list:getPackageListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.rccl.com/Interfaces/PackageList">
  <alpha:OTA_CruisePkgAvailRS MaxResponses="10" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:TPA_Extensions>
    <alpha:SailingInfos>
      <alpha:SailingInfo>
        <alpha:SelectedSailing Start="2009-08-02" Status="36">
          <alpha:CruiseLine ShipCode="NV" VendorCode="RCC"/>
          <alpha:Region RegionCode="EUROP" SubRegionCode="EMW"/>
          <alpha:DeparturePort LocationCode="ROM"/>
        </alpha:SelectedSailing>
        <alpha:InclusivePackageOption CruisePackageCode="3"/>
        <alpha:CruisePackages>
          <alpha:CruisePackage CruisePackageCode="NV07M031" Duration="P7N" End="2009-08-09"
PackageTypeCode="15" Start="2009-08-02" Description="NV 7 NIGHT WESTERN MEDITERRANEAN
CRUISE"/>
        </alpha:CruisePackages>
      </alpha:SailingInfo>
    </alpha:SailingInfos>
      <alpha:SelectedSailing Start="2009-08-02" Status="36">
        <alpha:CruiseLine ShipCode="NV" VendorCode="RCC"/>
        <alpha:Region RegionCode="EUROP" SubRegionCode="EMW"/>
        <alpha:DeparturePort LocationCode="ROM"/>
      </alpha:SelectedSailing>
      <alpha:InclusivePackageOption CruisePackageCode="1"/>
      <alpha:CruisePackages>
        <alpha:CruisePackage CruisePackageCode="NV12E94B" Duration="P12N" End="2009-08-09"
PackageTypeCode="2" Start="2009-07-28" Description="12 Nt Venice,Florence Rome pre tour #4EB"/>
      </alpha:CruisePackages>
    </alpha:SailingInfo>
  </alpha:SailingInfos>
    <alpha:SelectedSailing Start="2009-08-09" Status="36">
      <alpha:CruiseLine ShipCode="NV" VendorCode="RCC"/>
      <alpha:Region RegionCode="EUROP" SubRegionCode="EME"/>
      <alpha:DeparturePort LocationCode="ROM"/>
    </alpha:SelectedSailing>
    <alpha:InclusivePackageOption CruisePackageCode="3"/>
    <alpha:CruisePackages>
      <alpha:CruisePackage CruisePackageCode="NV07M030" Duration="P7N" End="2009-08-16"
PackageTypeCode="15" Start="2009-08-09" Description="NV 7 NIGHT EASTERN MEDITERRANEAN CRUISE"/>
    </alpha:CruisePackages>
  </alpha:SailingInfo>
</alpha:SailingInfos>
</alpha:TPA_Extensions>
</alpha:OTA_CruisePkgAvailRS>
</list:getPackageListResponse>

```

## **5.5 Error Handling**

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## **5.6 Special Design Considerations**

- Cruise package code is an OTA\_CodeType (Code List Name = Package type code). Refer to OTA\_CodeTypes appendix for more information.

## 6. Cruise Dining List Message

### 6.1 *Functional Overview*

The Cruise Dining List message is used to provide dining availability for RCL cruise inventory.

Three dining seating types are to be initially configured by RCL. These are to be used as part of the transactions where dining functionality is implemented.

- Traditional ( same as today)
  - Main seating
  - Second seating
- Open
- Undecided

Additional dining seatings might be configured and partners will be notified via the normal change notification mechanisms.

Dining limits can be configured for specific cruise categories and loyalty levels. Therefore, the client application can optionally provide those filters for the appropriate availability processing.

At the time of writing, the Open dining seating type will require for gratuities to be pre-paid.

#### 6.1.1 Transaction Services

### 6.2 *Typical Process Flow*

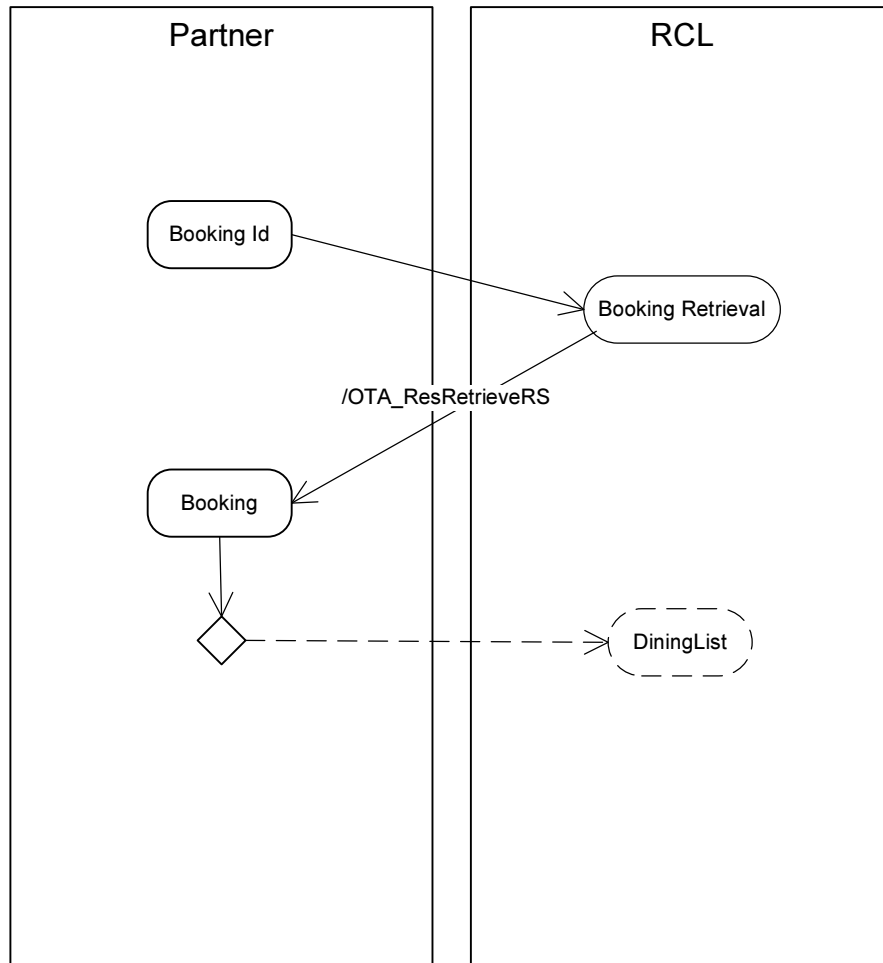
#### 6.2.1 Create Mode

Since dining availability is no longer supported as part of the Sailing List and Category List messages, RCL recommends client applications to send a Dining List message right after the user selects a Sailing or Category of interest. Please note that the guest dining preference is now required as part of the Price Booking message.

**Error! Objects cannot be created from editing field codes.**

#### 6.2.2 Amend Mode

RCL recommends that client applications send a Dining List messages right after Retrieve Booking and prior to Price Booking ( Amend) so that the new dining rules be processed prior to repricing and amending the existing booking.



## 6.3 Schema Specification

The schemas for Cruise Dining List request and response are OTA\_CruiseDiningAvailRQ and OTA\_CruiseDiningAvailRS. Our implementation is based on the OTA\_2007A schema specification.

### 6.3.1 Cruise Dining List Request

#### 6.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS(Point of Sale)	POS_Type
SailingInfo	SailingCategoryInfoType
Package Option	CruisePackageType
TPA_ReservationId	ReservationID_Type

### 6.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

### 6.3.1.3 Extensions

- TPA\_ReservationId uses ReservationID\_Type and is used for Dining List functionality in amend mode.

## 6.3.2 Cruise Dining List Response

### 6.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingCategoryInfoType
CruisePackages/CruisePackage	CruisePackageType (Extends)
Errors	ErrorsType

### 6.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

### 6.3.2.3 Extensions

- /OTA\_CruiseDiningAvailRS/DiningOptions/TPA\_DiningProfileInfo has been added in order to provide rule based inventory based on category or loyalty profile.

## 6.4 Message User Guide

### 6.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseDiningAvailRQ/SailingInfo/SelectedSailing/CruiseLine/ShipCode	String	2	Y
/OTA_CruiseDiningAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseDiningAvailRQ/SailingInfo/SelectedCategory/@BerthedCategoryCode	String	2	N
/OTA_CruiseDiningAvailRQ/SailingInfo/SelectedCategory/@PricedCategoryCode	String	2	N
/OTA_CruiseDiningAvailRQ/SailingInfo/SelectedFare/@FareCode	String	8	N
/OTA_CruiseDiningAvailRQ/TPA_ReservationID/@ID	Numeric	7	N
/OTA_CruiseDiningAvailRQ/Guest[1-4]/@LoyaltyMembershipID	Numeric	9	N
/OTA_CruiseDiningAvailRQ/GuestCounts/GuestCount[1-4]/@Quantity	Numeric	4	Y

### 6.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseDiningAvailRQ/Warnings/Warning[1]	String	80	N

/OTA_CruiseDiningAvailRQ/Warnings/Warning[1]/@ShortText	String	7	N
/OTA_CruiseDiningAvailRQ/Warnings/Warning[1]/@Type	Integer	1	N
/OTA_CruiseDiningAvailRQ/Success	Node		N
/OTA_CruiseDiningAvailRS/SelectedSailing/@Start	Date		Y
/OTA_CruiseDiningAvailRS/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruiseDiningAvailRS/DiningOptions/DiningOption[1-99]/@CrossReferencingAllowed	Boolean		Y
/OTA_CruiseDiningAvailRS/DiningOptions/DiningOption[1-99]/@FamilyTimeIndicator	Boolean		Y
/OTA_CruiseDiningAvailRS/DiningOptions/DiningOption[1-99]/@PrepaidGratuuityRequired	Boolean		Y
/OTA_CruiseDiningAvailRS/DiningOptions/DiningOption[1-99]/@Sitting	String	1	Y
/OTA_CruiseDiningAvailRS/DiningOptions/DiningOption[1-99]/@SittingInstance	String	8	Y
/OTA_CruiseDiningAvailRS/DiningOptions/DiningOption[1-99]/@SittingStatu1	String	16	Y
/OTA_CruiseDiningAvailRS/DiningOptions/DiningOption[1-99]/@SittingType	String	16	Y
/OTA_CruiseDiningAvailRS/DiningOptions/DiningOption[1-99]/@SmokingAllowed	Boolean		Y
/OTA_CruiseDiningAvailRS/DiningOptions/TPA_DiningProfileInfo/@RuleLevel	String	16	N
/OTA_CruiseDiningAvailRS/DiningOptions/TPA_DiningProfileInfo/@RuleName	String	16	N
/OTA_CruiseDiningAvailRS/DiningOptions/TPA_DiningProfileInfo/DiningProfile/@Code	String	16	N

### 6.4.3 Use Case

John and his guest are interested in searching for dining availability for the Brilliance of the Seas with a sailing date of March 3, 2009. They are providing their loyalty ids, fare code, and cabin category.

#### 6.4.3.1 Sample Message Request – OTA\_CruiseDiningAvailRQ

```
<din:getDiningList>
<OTA_CruiseDiningAvailRQ RetransmissionIndicator="false" SequenceNmbr="1" TimeStamp="2008-12-29T18:25:50.12"
TransactionIdentifier="106597" Version="1.0" xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
  <POS>
    ...
  </POS>
  <Guest LoyaltyMembershipID="8888888"/>
  <Guest LoyaltyMembershipID="7777777"/>
  <GuestCounts>
    <GuestCount Quantity="1"/>
    <GuestCount Quantity="1"/>
  </GuestCounts>
  <SailingInfo>
    <SelectedSailing Start="2009-03-06">
      <CruiseLine ShipCode="BR"/>
    </SelectedSailing>
    <SelectedCategory BerthedCategoryCode="D1" PricedCategoryCode="D1" FareCode="BRKA10"/>
  </SailingInfo>
  <SelectedFare/>
  <TPA_ReservationId Type="14" ID="0"/>
</OTA_CruiseDiningAvailRQ>
</din:getDiningList>
```

#### 6.4.3.2 Sample Message Response – OTA\_CruiseDiningAvailRS

```
<list:getDiningListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.RCL.com/Interfaces/DiningList">
  <alpha:OTA_CruiseDiningAvailRS Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning/>
    </alpha:Warnings>
    <alpha:SailingInfo>
      <alpha:SelectedSailing Start="2009-03-06">
```

```

    <alpha:CruiseLine ShipCode="BR"/>
  </alpha:SelectedSailing>
</alpha:SailingInfo>
<alpha:DiningOptions>
  <alpha:DiningOption CrossReferencingAllowed="true" FamilyTimeIndicator="false" PrepaidGratuuityRequired="false"
Sitting="E" SittingInstance="05:30 PM" SittingStatus="Available" SittingType="Traditional" SmokingAllowed="false">
    <alpha:DiningRoom/>
  </alpha:DiningOption>
  <alpha:DiningOption CrossReferencingAllowed="true" FamilyTimeIndicator="false" PrepaidGratuuityRequired="false"
Sitting="M" SittingInstance="06:30 PM" SittingStatus="Waitlist" SittingType="Traditional" SmokingAllowed="false">
    <alpha:DiningRoom/>
  </alpha:DiningOption>
  <alpha:DiningOption CrossReferencingAllowed="true" FamilyTimeIndicator="false" PrepaidGratuuityRequired="false"
Sitting="2" SittingInstance="07:30 PM" SittingStatus="Available" SittingType="Traditional" SmokingAllowed="false">
    <alpha:DiningRoom/>
  </alpha:DiningOption>
  <alpha:DiningOption CrossReferencingAllowed="true" FamilyTimeIndicator="false" PrepaidGratuuityRequired="false"
Sitting="L" SittingInstance="08:30 PM" SittingStatus="Available" SittingType="Traditional" SmokingAllowed="false">
    <alpha:DiningRoom/>
  </alpha:DiningOption>
  <alpha:DiningOption CrossReferencingAllowed="false" FamilyTimeIndicator="false" PrepaidGratuuityRequired="true"
Sitting="O" SittingInstance="My Time" SittingStatus="Available" SittingType="Open" SmokingAllowed="false">
    <alpha:DiningRoom/>
  </alpha:DiningOption>
  <alpha:DiningOption CrossReferencingAllowed="false" FamilyTimeIndicator="false" PrepaidGratuuityRequired="false"
Sitting="U" SittingInstance="Undecide" SittingStatus="Available" SittingType="Undecided" SmokingAllowed="false">
    <alpha:DiningRoom/>
  </alpha:DiningOption>
  <alpha:TPA_DiningProfileInfo RuleLevel="Booking" RuleName="Category">
    <alpha:DiningProfile Code="D1"/>
  </alpha:TPA_DiningProfileInfo>
</alpha:DiningOptions>
</alpha:OTA_CruiseDiningAvailRS>
</list:getDiningListResponse>

```

## 6.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 6.6 Special Design Considerations

None



## 7. Cruise Transfer List Message

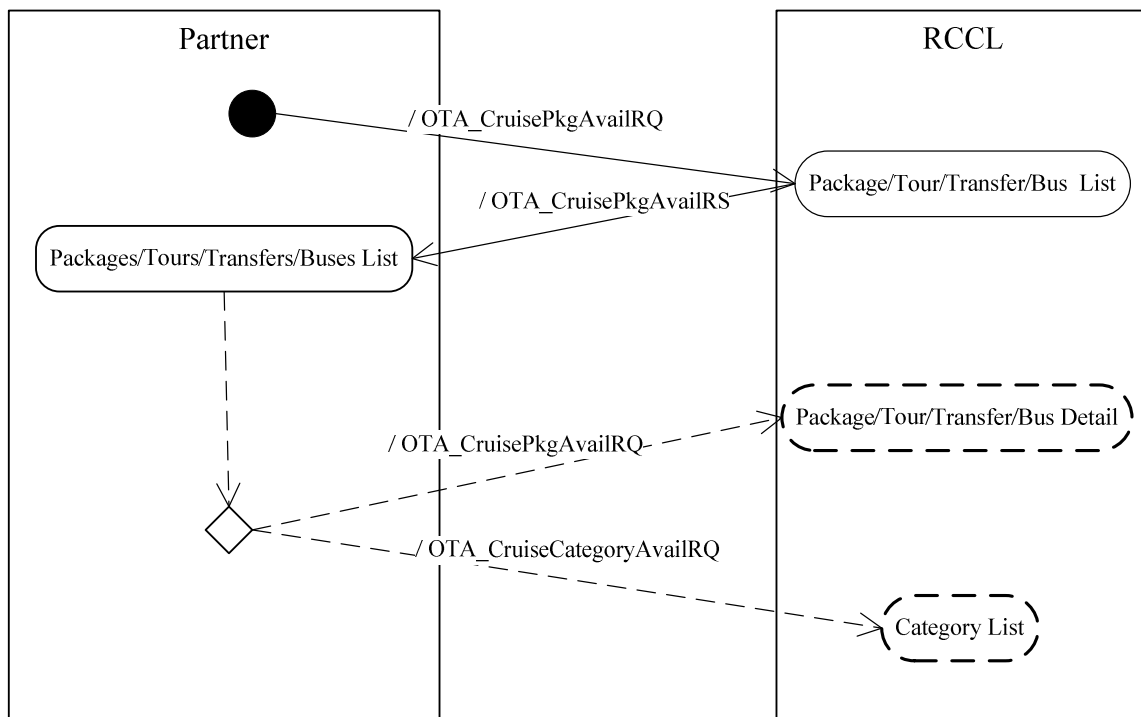
### 7.1 Functional Overview

The Cruise Transfer List message is used to request information about the transfers associated with a sailing. Transfers allow guests to obtain transportation from the airport to the ship and vice versa. The response message contains a list of transfers along with their associated pricing..

#### 7.1.1 Transaction Services

- 

### 7.2 Typical Process Flow



### 7.3 Schema Specification

The schemas for Cruise Transfer List request and response are OTA\_CruisePkgAvailRQ and OTA\_CruisePkgAvailRS. Our implementation is based on the OTA\_2007A schema specification.

### 7.3.1 Cruise Transfer List Request

#### 7.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS(Point of Sale)	POS_Type
SailingInfo	SailingCategoryInfoType
Package Option	CruisePackageType

#### 7.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- RCL only supports one occurrence of SelectedFareCode even though schema supports up to two.

#### 7.3.1.3 Extensions

None

### 7.3.2 Cruise Package List Response

#### 7.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingCategoryInfoType
CruisePackages/CruisePackage	CruisePackageType (Extends)
Errors	ErrorsType

#### 7.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 7.3.2.3 Extensions

- 

## 7.4 Message User Guide

### 7.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePkgAvailRQ/@MaxResponses	Integer	2	Y
/OTA_CruisePkgAvailRQ/@MoreDataEchoToken	String	2	Y
/OTA_CruisePkgAvailRQ/GuestCounts/GuestCount[1-4]/@Quantity	Integer	1	Y

/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruisePkgAvailRQ/SailingInfo/PackageOption/@PackageTypeCode	Numeric	1	Y
/OTA_CruisePkgAvailRQ/ReservationID/@ID	Numeric	7	N

## 7.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePkgAvailRS/@MaxResponses	Integer	2	Y
/OTA_CruisePkgAvailRS/@MoreIndicator	Boolean		Y
/OTA_CruisePkgAvailRS/@MoreDataEchoToken	String	128	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruisePkgAvailRS/Success	Node		N
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-50]/@PackageTypeCode	Integer	2	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-50]/@Description	String	40	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-50]/@FlightInfoRequired	Boolean		Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-50]/@CruisePackageCode	String	6	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-50]/@End	Time		Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-50]/@Start	Time		Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-50]/@Status	Integer	2	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-50]/Location/Information/Text	String	15	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-50]/Location/@LocationCode	String	3	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-50]/PriceInfo/@Amount	String	14	Y

## 7.4.3 Use Case

John and a guest are interested in the list of cruise-only transfers for the Freedom of the Seas sailing on August 2, 2009.

### 7.4.3.1 Sample Message Request – OTA\_CruisePkgAvailRQ

```
<m:getTransferList xmlns:m="http://services.rccl.com/Interfaces/TransferList">
  <m0:OTA_CruisePkgAvailRQ TimeStamp="2008-04-29T09:09:09" Target="Test" Version="2.0" SequenceNmbr="1"
  MoreDataEchoToken="1" MaxResponses="20">
    <m0:POS>
      ...
    </m0:POS>
    <m0:GuestCounts>
      <m0:GuestCount Age="30" Quantity="1"/>
      <m0:GuestCount Age="30" Quantity="1"/>
    </m0:GuestCounts>
    <m0:SailingInfo>
      <m0:SelectedSailing Start="2009-08-02">
        <m0:CruiseLine ShipCode="FR"/>
      </m0:SelectedSailing>
    </m0:SailingInfo>
    <m0:PackageOption PackageTypeCode="0"/>
  </m0:OTA_CruisePkgAvailRQ>
</m:getTransferList>
```

### 7.4.3.2 Sample Message Response – OTA\_CruisePkgAvailRS

The response message contains a list of transfers with the associated details.

```

<list:getTransferListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.rccl.com/Interfaces/TransferList">
  <alpha:OTA_CruisePkgAvailRS MaxResponses="3" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:CruisePackages>
      <alpha:CruisePackage CruisePackageCode="TMCOA" End="00:00:00" PackageTypeCode="7" Start="12:30:00"
Status="46" Description="ARRIVAL - ORLANDO AIRPORT" FlightInfoRequiredInd="true">
        <alpha:Location LocationCode="MCO">
          <alpha:Information>
            <alpha:Text>arrival</alpha:Text>
          </alpha:Information>
        </alpha:Location>
        <alpha:PricingInfo Amount="36.00"/>
      </alpha:CruisePackage>
      <alpha:CruisePackage CruisePackageCode="TMCOD" End="12:30:00" PackageTypeCode="8" Start="00:00:00"
Status="46" Description="DEPARTURE - ORLANDO AIRPORT" FlightInfoRequiredInd="true">
        <alpha:Location LocationCode="MCO">
          <alpha:Information>
            <alpha:Text>departure</alpha:Text>
          </alpha:Information>
        </alpha:Location>
        <alpha:PricingInfo Amount="36.00"/>
      </alpha:CruisePackage>
      <alpha:CruisePackage CruisePackageCode="TMCOR" End="12:30:00" PackageTypeCode="9" Start="12:30:00"
Status="46" Description="R/T - MCO A/P ARRIVE / MCO A/P DEPART" FlightInfoRequiredInd="true">
        <alpha:Location LocationCode="MCO">
          <alpha:Information>
            <alpha:Text>arrival</alpha:Text>
          </alpha:Information>
        </alpha:Location>
        <alpha:Location LocationCode="MCO">
          <alpha:Information>
            <alpha:Text>departure</alpha:Text>
          </alpha:Information>
        </alpha:Location>
        <alpha:PricingInfo Amount="72.00"/>
      </alpha:CruisePackage>
    </alpha:CruisePackages>
  </alpha:OTA_CruisePkgAvailRS>
</list:getTransferListResponse>

```

## 7.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 7.6 Special Design Considerations

- Cruise package code is an OTA\_CodeType (Code List Name = Package type code). Refer to OTA\_CodeTypes appendix for more information.

## 8. Cruise Bus List Message

### 8.1 Functional Overview

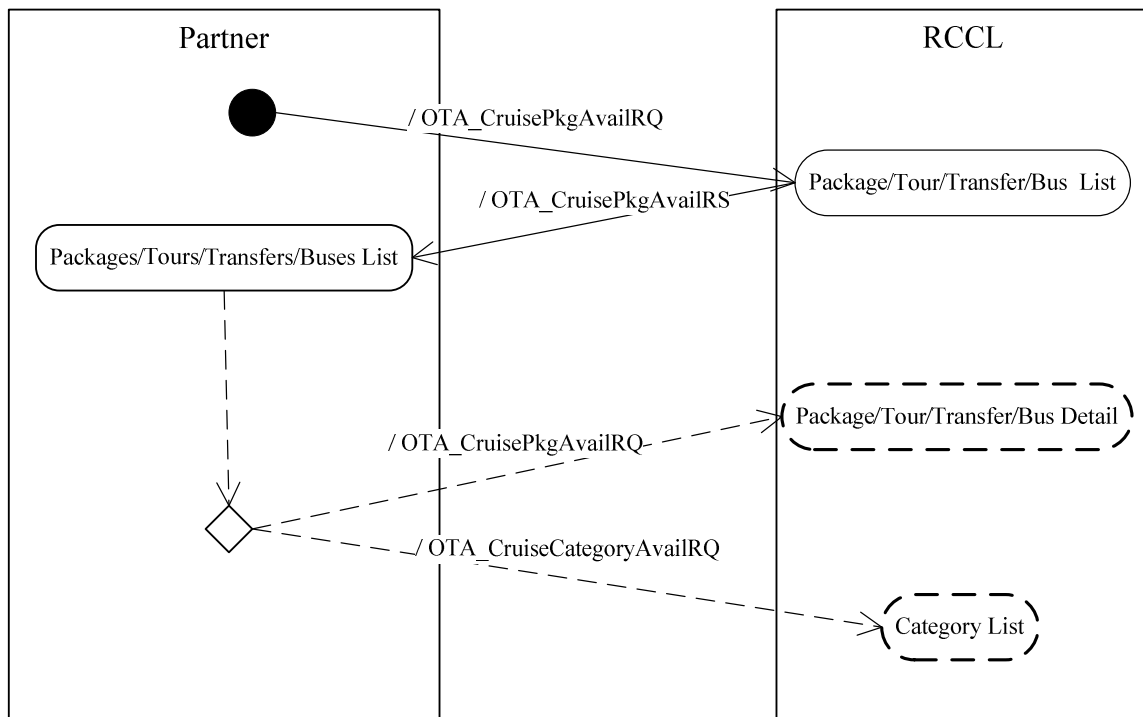
The Cruise Bus List message is used to request information about the bus transportation between the ship and the airport, or buses that transport the passengers from predetermined stops to the ship. The response message contains a list of buses that provide transportation between the airport or other pre-determined location and the cruise ship along with the associated pricing details.

When calling the Bus List operation, the PackageTypeCode should be set to the appropriate value from the OTA Code Table CPK.

#### 8.1.1 Transaction Services

- Returns the available buses for the requested sailing.
- Indicates the availability status of a Bus, Bus Charge, Bus Stops etc.

### 8.2 Typical Process Flow



### 8.3 Schema Specification

The schemas for Cruise Package List request and response are OTA\_CruisePkgAvailRQ and OTA\_CruisePkgAvailRS. Our implementation is based on the OTA\_2007A schema specification.

#### 8.3.1 Cruise Bus List Request

##### 8.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS(Point of Sale)	POS_Type
SailingInfo	SailingCategoryInfoType
Package Option	CruisePackageType

##### 8.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- RCL only supports one occurrence of SelectedFareCode even though schema supports up to two.

##### 8.3.1.3 Extensions

None

#### 8.3.2 Cruise Bus List Response

##### 8.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingCategoryInfoType
CruisePackages/CruisePackage	CruisePackageType (Extends)
Errors	ErrorsType

##### 8.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- For PackageAvailRS provided a max of 150 sailings

##### 8.3.2.3 Extensions

- TPA\_Extensions/SailingInfos complex element has been added to the response structure.

## 8.4 Message User Guide

### 8.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePkgAvailRQ/@MoreDataEchoToken	Integer	2	Y
/OTA_CruisePkgAvailRQ/@MaxResponses	Integer	3	Y
/OTA_CruisePkgAvailRQ/GuestCounts/GuestCount[1-4]/@Quantity	Integer	1	Y
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedCategory/@PricedCategoryCode	String	2	N
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedCategory/SelectedCabin/@CabinNumber	Integer	5	N
/OTA_CruisePkgAvailRQ/PackageOption/@CruisePackageCode	String	8	N
/OTA_CruisePkgAvailRQ/GuestInfos/GuestInfo/SelectedFareCode/@FareCode	String	8	N
/OTA_CruisePkgAvailRQ/ReservationID/@ID	Integer	7	N

### 8.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePkgAvailRS/@MaxResponses	Integer	2	Y
/OTA_CruisePkgAvailRS/@MoreIndicator	Boolean		Y
/OTA_CruisePkgAvailRS/@MoreDatsEchoToken	String	2	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruisePkgAvailRS/Success	Node		N
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-20]/@PackageTypeCode	Integer	2	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-20]/@Description	String	40	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-20]/@CruisePackageCode	String	6	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-20]/@Status	Integer	2	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-20]/PriceInfo/@BreakdownType	String	16	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-20]/PriceInfo/@ChargeTypeCode	Integer	2	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-20]/PriceInfo/@Amount	String	14	Y

### 8.4.3 Use Case

John and a guest have decided on a cruise and want to find out the list of buses that are available for the sailing that they have selected.

#### 8.4.3.1 Sample Message Request – OTA\_CruisePkgAvailRQ

```
<m:getBusList xmlns:m="http://services.rccl.com/Interfaces/BusList">
  <OTA_CruisePkgAvailRQ MaxResponses="150" MoreDataEchoToken="01" RetransmissionIndicator="false"
    SequenceNbr="1" TimeStamp="2008-09-29T16:11:25.711-04:00" TransactionIdentifier="134264" Version="1.0"
    xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
    ...
    </POS>
    <GuestCounts>
      <GuestCount Age="1" Quantity="1"/>
      <GuestCount Age="1" Quantity="1"/>
    </GuestCounts>
    <SailingInfo>
      <SelectedSailing Start="2009-06-22">
```

```

    <CruiseLine ShipCode="MJ"/>
  </SelectedSailing>
</SailingInfo>
<PackageOption PackageTypeCode="0"/>
</OTA_CruisePkgAvailRQ>
</m:getBusList>

```

### 8.4.3.2 Sample Message Response – OTA\_CruisePkgAvailRS

The response message contains a list of buses with the associated pricing details.

```

<list:getBusListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.rccl.com/Interfaces/BusList">
  <alpha:OTA_CruisePkgAvailRS MaxResponses="4" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:CruisePackages>
      <alpha:CruisePackage CruisePackageCode="BUSA" InclusiveIndicator="false" PackageTypeCode="6"
Status="36" Description="BUSA - OCL,LDL,LSB,ORL,FTP">
        <alpha:PricingInfo Amount="75.00" BreakdownType="Bus Fee" ChargeTypeCode="7"/>
      </alpha:CruisePackage>
      <alpha:CruisePackage CruisePackageCode="BUSB" InclusiveIndicator="false" PackageTypeCode="6"
Status="36" Description="BUSB - DTN,MLB,VRB,STU,WPB">
        <alpha:PricingInfo Amount="75.00" BreakdownType="Bus Fee" ChargeTypeCode="7"/>
      </alpha:CruisePackage>
      <alpha:CruisePackage CruisePackageCode="BUSD" InclusiveIndicator="false" PackageTypeCode="6"
Status="36" Description="BUSD - CLW,STP,BDT,SRQ,VEN">
        <alpha:PricingInfo Amount="75.00" BreakdownType="Bus Fee" ChargeTypeCode="7"/>
      </alpha:CruisePackage>
      <alpha:CruisePackage CruisePackageCode="BUSE" InclusiveIndicator="false" PackageTypeCode="6"
Status="36" Description="BUSE - TPA,SCC,PTC,SFM,NNP">
        <alpha:PricingInfo Amount="75.00" BreakdownType="Bus Fee" ChargeTypeCode="7"/>
      </alpha:CruisePackage>
    </alpha:CruisePackages>
  </alpha:OTA_CruisePkgAvailRS>
</list:getBusListResponse>

```

## 8.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 8.6 Special Design Considerations

- Cruise package code is an OTA\_CodeType (Code List Name = Package type code). Refer to OTA\_CodeTypes appendix for more information.



## **9. Cruise Tour List Message**

### **9.1 *Functional Overview***

The Cruise Tour List message is used to request information about the tours associated with a sailing. The response message includes details pertaining to the tours such as the tour duration, description, availability, pricing and tour location codes.

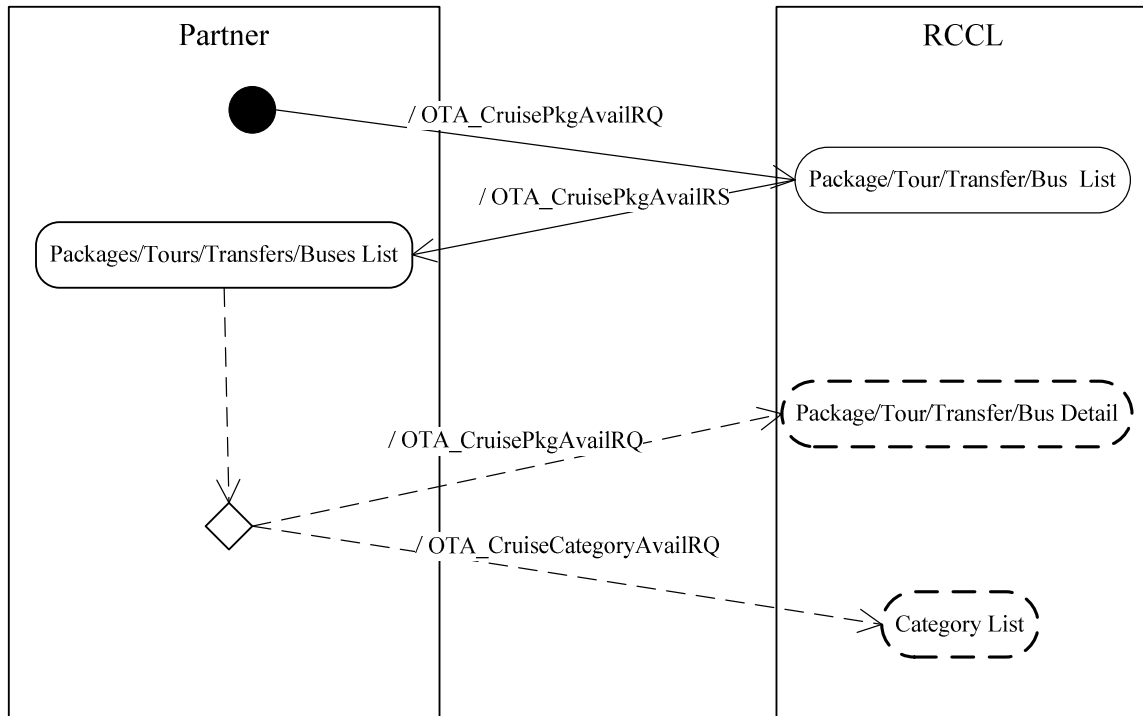
When calling the Tour List operation, the PackageTypeCode should be set to the appropriate value from the OTA Code Table CPK. The message currently supports the following PackageTypeCodes:

- 10 – Pre cruise hotels
- 11 – Post cruise hotels
- 12 – Both Pre and Post hotels

#### **9.1.1 Transaction Services**

- For tours (hotel stays) returns the available ones for each gateway.
- For tours (hotel stays), provides the ability to include tours selected from another city besides the gateways.
- For tours (hotel stays), indicates when it is required, free or optional.

### **9.2 *Typical Process Flow***



### 9.3 Schema Specification

The schemas for Cruise Tour List request and response are OTA\_CruisePkgAvailRQ and OTA\_CruisePkgAvailRS. Our implementation is based on the OTA\_2007A schema specification.

#### 9.3.1 Cruise Tour List Request

##### 9.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS(Point of Sale)	POS_Type
SailingInfo	SailingCategoryInfoType
Package Option	CruisePackageType

##### 9.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- RCL only supports one occurrence of SelectedFareCode even though schema supports up to two.
- Regarding the two occurrences of GuestTransportationType, only the confirmed status occurrence will be used.

##### 9.3.1.3 Extensions

None

## 9.3.2 Cruise Tour List Response

### 9.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingCategoryInfoType
CruisePackages/CruisePackage	CruisePackageType (Extends)
Errors	ErrorsType

### 9.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- For PackageAvailRS provided a max of 150 sailings

### 9.3.2.3 Extensions

- TPA\_Extensions/SailingInfos complex element has been added to the response structure.

## 9.4 Message User Guide

### 9.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePkgAvailRQ/@MoreDataEchoToken	String	6	N
/OTA_CruisePkgAvailRQ/@MaxResponses	Integer	2	Y
/OTA_CruisePkgAvailRQ/ReservationID/@ID	Integer	7	N
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruisePkgAvailRQ/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruisePkgAvailRQ/PackageOption/Location/@LocationCode	String	3	N
/OTA_CruisePkgAvailRQ/PackageOption/@PackageTypeCode	Integer	2	Y
/OTA_CruisePkgAvailRQ/GuestInfos/GuestInfo[1]	Node		Y
/OTA_CruisePkgAvailRQ/GuestInfos/GuestInfo[2-4]	Node		N
/OTA_CruisePkgAvailRQ/GuestInfos/GuestInfo[1-4]/GuestTransportation[1-2]/@Mode	Integer	2	Y
/OTA_CruisePkgAvailRQ/GuestInfos/GuestInfo[1-4]/GuestTransportation[1-2]/@Status	Integer	2	Y
/OTA_CruisePkgAvailRQ/GuestInfos/GuestInfo[1-4]/GuestTransportation[1-2]/GatewayCity/@LocationCode	String	3	Y

### 9.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePkgAvailRS/@MaxResponses	Integer	3	Y
/OTA_CruisePkgAvailRS/@MoreIndicator	Boolean		Y
/OTA_CruisePkgAvailRS/@MoreDatasEchoToken	String	128	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruisePkgAvailRS/Success	Node		N

/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-99]/@CruisePackageCode	String	6	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-99]/@InclusiveIndicator	Boolean		Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-99]/@PackageTypeCode	Integer	2	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-99]/@Status	Integer	2	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-99]/@Description	String	40	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-99]/@SelectionAllowedIndicator	Boolean		Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-99]/@Duration	String	4	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-99]/PriceInfo/@Amount	String	14	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1-99]/Location/@LocationCode	String	3	Y

### 9.4.3

### 9.4.4 Use Case

John and a guest are interested in searching for pre and post tours linked to the Navigator of the Seas sailing on 2009-08-02.

#### 9.4.4.1 Sample Message Request – OTA\_CruisePkgAvailRQ

```
<m:getTourList xmlns:m="http://services.rccl.com/Interfaces/TourList">
  <OTA_CruisePkgAvailRQ MaxResponses="20" RetransmissionIndicator="false" SequenceNbr="1" TimeStamp="2008-10-28T17:23:19.014-04:00" TransactionIdentifier="106597" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <GuestInfos>
      <GuestInfo>
        <GuestTransportation Mode="29" Status="36">
          <GatewayCity CodeContext="IATA" LocationCode="C/O"/>
        </GuestTransportation>
      </GuestInfo>
      <GuestInfo>
        <GuestTransportation Mode="29" Status="36">
          <GatewayCity CodeContext="IATA" LocationCode="C/O"/>
        </GuestTransportation>
      </GuestInfo>
    </GuestInfos>
    <GuestCounts>
      <GuestCount Quantity="1"/>
      <GuestCount Quantity="1"/>
    </GuestCounts>
    <SailingInfo>
      <SelectedSailing Start="2009-08-02">
        <CruiseLine ShipCode="NV"/>
      </SelectedSailing>
    </SailingInfo>
    <PackageOption PackageTypeCode="12"/>
  </OTA_CruisePkgAvailRQ>
</m:getTourList>
```

#### 9.4.4.2 Sample Message Response – OTA\_CruisePkgAvailRS

The response message contains a list of tours with the associated details.

```
<list:getTourListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.rccl.com/Interfaces/TourList">
  <alpha:OTA_CruisePkgAvailRS MaxResponses="18" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
```

```

<alpha:CruisePackages>
  <alpha:CruisePackage CruisePackageCode="QV1AX" Duration="P1N" InclusiveIndicator="false"
PackageTypeCode="11" Status="36" Description="1NT POST HOTEL CICERONE W/XFERS"
SelectionAllowedIndicator="true">
    <alpha:Location LocationCode="ROM"/>
    <alpha:PriceInfo Amount="332.00"/>
  </alpha:CruisePackage>
  <alpha:CruisePackage CruisePackageCode="QV1BX" Duration="P1N" InclusiveIndicator="false"
PackageTypeCode="10" Status="36" Description="1NT PRE HOTEL CICERONE W/XFERS"
SelectionAllowedIndicator="true">
    <alpha:Location LocationCode="ROM"/>
    <alpha:PriceInfo Amount="332.00"/>
  </alpha:CruisePackage>
  <alpha:CruisePackage CruisePackageCode="QV2AX" Duration="P2N" InclusiveIndicator="false"
PackageTypeCode="11" Status="36" Description="2NT POST HOTEL CICERONE W/XFERS"
SelectionAllowedIndicator="true">
    <alpha:Location LocationCode="ROM"/>
    <alpha:PriceInfo Amount="552.00"/>
  </alpha:CruisePackage>
  <alpha:CruisePackage CruisePackageCode="QV2BX" Duration="P2N" InclusiveIndicator="false"
PackageTypeCode="10" Status="36" Description="2NT PRE HOTEL CICERONE W/XFERS"
SelectionAllowedIndicator="true">
    <alpha:Location LocationCode="ROM"/>
    <alpha:PriceInfo Amount="552.00"/>
  </alpha:CruisePackage>
  <alpha:CruisePackage CruisePackageCode="QV3AX" Duration="P3N" InclusiveIndicator="false"
PackageTypeCode="11" Status="36" Description="3NT POST HOTEL CICERONE W/XFERS"
SelectionAllowedIndicator="true">
    <alpha:Location LocationCode="ROM"/>
    <alpha:PriceInfo Amount="772.00"/>
  </alpha:CruisePackage>
  <alpha:CruisePackage CruisePackageCode="QV3BX" Duration="P3N" InclusiveIndicator="false"
PackageTypeCode="10" Status="36" Description="3NT PRE HOTEL CICERONE W/XFERS"
SelectionAllowedIndicator="true">
    <alpha:Location LocationCode="ROM"/>
    <alpha:PriceInfo Amount="772.00"/>
  </alpha:CruisePackage>
  <alpha:CruisePackage CruisePackageCode="RU1AX" Duration="P1N" InclusiveIndicator="false"
PackageTypeCode="11" Status="36" Description="1NT POST JOLLY VILLA CARPEGNA W/XFERS"
SelectionAllowedIndicator="true">
    <alpha:Location LocationCode="ROM"/>
    <alpha:PriceInfo Amount="299.00"/>
  </alpha:CruisePackage>
  <alpha:CruisePackage CruisePackageCode="RU1BX" Duration="P1N" InclusiveIndicator="false"
PackageTypeCode="10" Status="36" Description="1NT PRE JOLLY VILLA CARPEGNA W/XFERS"
SelectionAllowedIndicator="true">
    <alpha:Location LocationCode="ROM"/>
    <alpha:PriceInfo Amount="299.00"/>
  </alpha:CruisePackage>
</alpha:CruisePackages>
</alpha:OTA_CruisePkgAvailRS>
</list:getTourListResponse>

```

## 9.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 9.6 Special Design Considerations

- Cruise package code is an OTA\_CodeType (Code List Name = Package type code). Refer to OTA\_CodeTypes appendix for more information.

## 10. Cruise Bus Detail Message

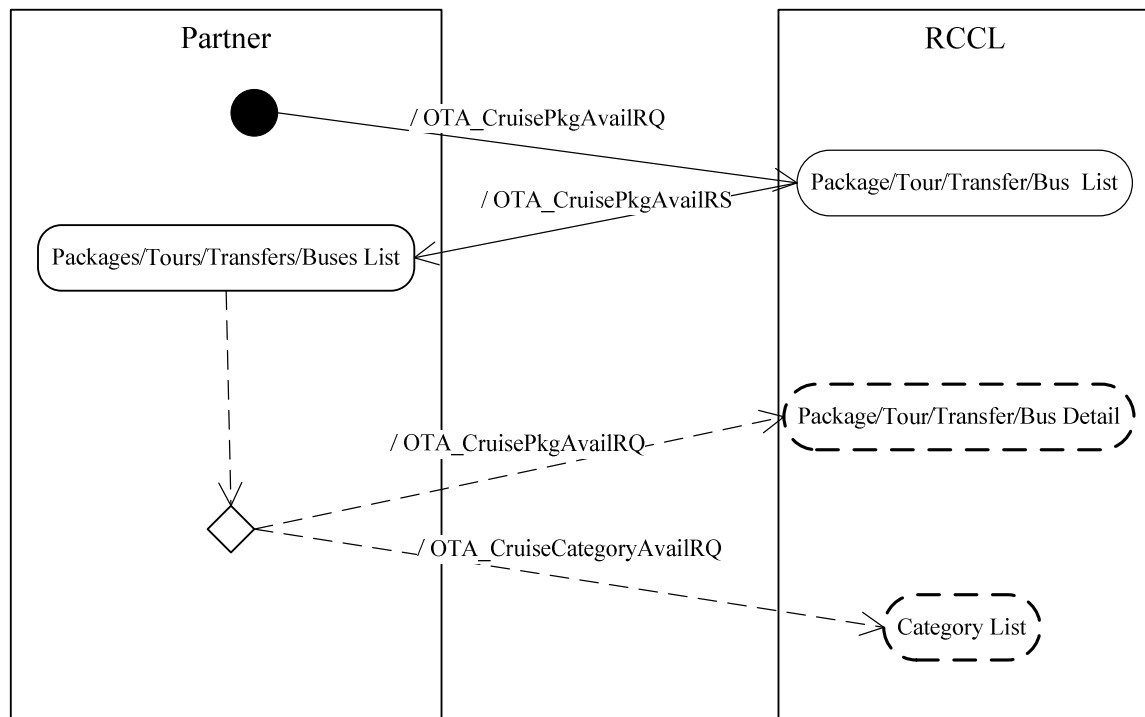
### 10.1 Functional Overview

The Cruise Bus Detail message is used to request information about the bus legs along with the route timings for a particular bus.

#### 10.1.1 Transaction Services

- This transaction retrieves a list of bus legs (bus stops) for a given bus route.

### 10.2 Typical Process Flow



### 10.3 Schema Specification

The schemas for Cruise Bus Detail request and response are `OTA_CruisePkgAvailRQ` and `OTA_CruisePkgAvailRS`. Our implementation is based on the `OTA_2007A` schema specification.

### 10.3.1 Cruise Bus Detail Request

#### 10.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS(Point of Sale)	POS_Type
SailingInfo	SailingCategoryInfoType
Package Option	CruisePackageType

#### 10.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 10.3.1.3 Extensions

None

### 10.3.2 Cruise Bus Detail Response

#### 10.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingCategoryInfoType
CruisePackages/CruisePackage	CruisePackageType (Extends)
Errors	ErrorsType

#### 10.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 10.3.2.3 Extensions

- N/A

## 10.4 Message User Guide

### 10.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruisePkgAvailRQ/PackageOption/@CruisePackageCode	String	6	Y

## 10.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePkgAvailRS/@MaxResponses	Integer	3	Y
/OTA_CruisePkgAvailRS/@MoreIndicator	Boolean		Y
/OTA_CruisePkgAvailRS/@MoreDataEchoToken	String	128	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruisePkgAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruisePkgAvailRS/Success	Node		N
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1]/@End	Time		Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1]/@PackageTypeCode	Integer	2	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1]/@Start	Time		Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1]/@Description	String	40	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1]/Location/@End	Time		Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1]/Location/@LocationCode	String	3	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1]/Location/@LocationName	String	50	Y
/OTA_CruisePkgAvailRS/CruisePackages/CruisePackage[1]/Location/@Start	Time		Y

## 10.4.3 Use Case

John and a guest are interested in knowing more details about the BUSB bus package including the locations and times for the various stops .

### 10.4.3.1 Sample Message Request – OTA\_CruisePkgAvailRQ

```
<bus:getBusDetail>
  <OTA_CruisePkgAvailRQ TimeStamp="2008-10-28T17:23:19.014-04:00" Target="Test" Version="1.0"
TransactionIdentifier="1" SequenceNmbr="1" RetransmissionIndicator="false"
xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
  <POS>
    ...
  </POS>
  <SailingInfo>
    <SelectedSailing Start="2009-06-22">
      <CruiseLine ShipCode="MJ"/>
    </SelectedSailing>
  </SailingInfo>
  <PackageOption PackageTypeCode="0" CruisePackageCode="BUSB"/>
</OTA_CruisePkgAvailRQ>
</bus:getBusDetail>
```

### 10.4.3.2 Sample Message Response – OTA\_CruisePkgAvailRS

The response message contains the bus details including stops and times.

```
<detail:getBusDetailResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:detail="http://services.rccl.com/Interfaces/BusDetail">
  <alpha:OTA_CruisePkgAvailRS MaxResponses="5" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:CruisePackages>
      <alpha:CruisePackage End="11:30:00" PackageTypeCode="16" Start="10:00:00" Description="BUSB -
DTN,MLB,VRB,STU,WPB">
        <alpha:Location End="17:30:00" LocationCode="DTN" LocationName="DAYTONA-MCDONALD'S 2994
INTL. SPEEDWAY BLVD. EX261" Start="06:30:00"/>
      </alpha:CruisePackage>
    </alpha:CruisePackages>
  </alpha:OTA_CruisePkgAvailRS>
</detail:getBusDetailResponse>
```



```
<alpha:Location End="16:00:00" LocationCode="MLB" LocationName="MELBOURNE-WAFFLE HOUSE
4660 W NEW HAVEN AVE EX180" Start="08:00:00"/>
<alpha:Location End="15:15:00" LocationCode="VRB" LocationName="VERO BEACH-CRACKER BARREL
9380 19TH LANE EXIT 147" Start="08:30:00"/>
<alpha:Location End="14:00:00" LocationCode="STU" LocationName="STUART - MCDONALD'S 2900 SW
MARTIN DOWNS BLVD." Start="10:15:00"/>
<alpha:Location End="13:00:00" LocationCode="WPB" LocationName="WEST PALM BEACH -
MCDONALD'S 6858 OKEECHOBEE BLVD." Start="10:45:00"/>
</alpha:CruisePackage>
</alpha:CruisePackages>
</alpha:OTA_CruisePkgAvailRS>
</detail:getBusDetailResponse>
```

## 10.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 10.6 Special Design Considerations

- Cruise package code is an OTA\_CodeType (Code List Name = Package type code). Refer to OTA\_CodeTypes appendix for more information.

## 11. Cruise Package Detail Message

### 11.1 Functional Overview

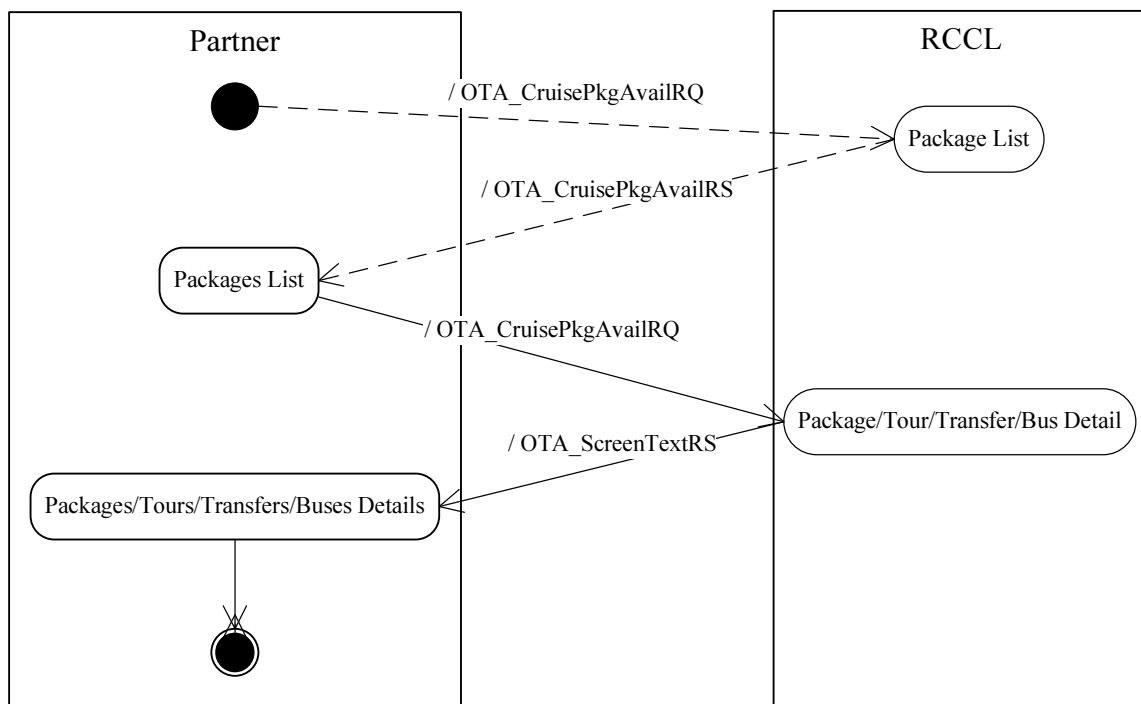
The Cruise Package Detail message is used to request detailed information about the pre-cruise, post-cruise, or the inclusive-cruise packages associated with a sailing. The response message contains the details of the requested package along with the associated pricing for these packages.

The package code should be provided in the request to retrieve the associated details.

#### 11.1.1 Transaction Services

- Retrieves the detailed information pertaining to the package for which the package code is provided.

### 11.2 Typical Process Flow



### 11.3 Schema Specification

The schemas for Cruise Package Detail request and response are OTA\_CruisePkgAvailRQ and OTA\_ScreenTextRS. Our implementation is based on the OTA\_2007A schema specification.

### 11.3.1 Cruise Package Detail Request

#### 11.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS(Point of Sale)	POS_Type
SailingInfo	SailingCategoryInfoType
Package Option	CruisePackageType

#### 11.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 11.3.1.3 Extensions

None

### 11.3.2 Cruise Package Detail Response

#### 11.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

#### 11.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 11.3.2.3 Extensions

- None.

## 11.4 Message User Guide

### 11.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePkgAvailRQ/@MaxResponses	Integer	3	Y
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruisePkgAvailRQ/PackageOption/@CruisePackageCode	String	8	Y

## 11.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_ScreenTextRS /Warnings/Warning[1-3]	String	80	N
/OTA_ScreenTextRS /Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_ScreenTextRS /Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_ScreenTextRS /Success	Node		N
/OTA_ScreenTextRS/TextScreens/@MoreIndicator	Boolean		N
/OTA_ScreenTextRS/TextScreens/@ScreenRowsNum	Integer	3	N
/OTA_ScreenTextRS/TextScreens/TextScreen/TextData[1-50]	String	64	N

## 11.4.3 Use Case

John wants to find details of a package that he has selected. The code of the package is “BR16E91A” for the Brilliance of the Seas sailing on 2008-02-12.

### 11.4.3.1 Sample Message Request – OTA\_CruisePkgAvailRQ

```
<m:getPackageDetail xmlns:m="http://services.rccl.com/Interfaces/PackageDetail">
  <OTA_CruisePkgAvailRQ MaxResponses="150" RetransmissionIndicator="false" SequenceNmbr="1"
  TimeStamp="2008-12-15T16:22:55.899-05:00" TransactionIdentifier="106597" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <SailingInfo>
      <SelectedSailing Start="2009-06-11">
        <CruiseLine ShipCode="BR"/>
      </SelectedSailing>
    </SailingInfo>
    <PackageOption CruisePackageCode="BR16E91A" PackageTypeCode="0"/>
  </OTA_CruisePkgAvailRQ>
</m:getPackageDetail>
```

### 11.4.3.2 Sample Message Response – OTA\_ScreenTextRS

The response contains the details of the selected package.

```
<detail:getPackageDetailResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:detail="http://services.rccl.com/Interfaces/PackageDetail">
  <alpha:OTA_ScreenTextRS Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:TextScreens MoreIndicator="false" ScreenRowsNum="48">
      <alpha:TextScreen>
        <alpha:TextData>DAY 1 ARRIVAL MADRID AIRPORT</alpha:TextData>
        <alpha:TextData>TRANSFER TO MADRID HOTEL</alpha:TextData>
        <alpha:TextData>REMAINDER OF DAY IS FREE FOR INDEPENDENT</alpha:TextData>
        <alpha:TextData>SIGHTSEEING/SHOPPING</alpha:TextData>
        <alpha:TextData>OVERNIGHT MADRID</alpha:TextData>
        <alpha:TextData>DAY 2 INCLUSIVE BREAKFAST AT HOTEL</alpha:TextData>
        <alpha:TextData>HALF DAY PANORAMIC MADRID CITY TOUR OF</alpha:TextData>
        <alpha:TextData>PLAZA MAYOR, PLAZA DE ESPANA, ROYAL PALACE</alpha:TextData>
        <alpha:TextData>TRANSFER BACK TO HOTEL.</alpha:TextData>
        <alpha:TextData>REMAINDER OF DAY/EVENING IN MADRID FREE</alpha:TextData>
        <alpha:TextData>FOR INDEPENDENT SIGHTSEEING/SHOPPING</alpha:TextData>
        <alpha:TextData>OVERNIGHT IN MADRID</alpha:TextData>
      </alpha:TextScreen>
    </alpha:TextScreens>
  </alpha:OTA_ScreenTextRS>
</detail:getPackageDetailResponse>
```

```

<alpha:TextData>DAY 3 MADRID/BARCELONA</alpha:TextData>
<alpha:TextData>INCLUSIVE BREAKFAST AT HOTEL</alpha:TextData>
<alpha:TextData>HALF DAY TOUR OF TOLEDO - VISITT INCLUDES</alpha:TextData>
<alpha:TextData>THE CATHEDRAL AND THE CHURCH OF ST. THOMAS</alpha:TextData>
<alpha:TextData>TRANSFER TO MADRID TRAIN STATION FOR</alpha:TextData>
<alpha:TextData>TOURIST CLASS MADRID - BARCELONA TRAIN</alpha:TextData>
<alpha:TextData>PACKED LUNCH PROVIDED BY LOCAL RESTAURANT</alpha:TextData>
<alpha:TextData>ARRIVE IN BARCELONA - TRANSFER TO HOTEL</alpha:TextData>
<alpha:TextData>REMAINDER OF DAY IS FREE FOR INDEPENDENT</alpha:TextData>
<alpha:TextData>DINING AND SIGHTSEEING</alpha:TextData>
<alpha:TextData>OVERNIGHT IN BACELONA</alpha:TextData>
<alpha:TextData>DAY 4 INCLUSIVE BREAKFAST AT HOTEL</alpha:TextData>
<alpha:TextData>HALF DAY BARCELONA CITY TOUR OF GOTHIC</alpha:TextData>
<alpha:TextData>QUARTER, GOTHIC CATHEDRAL (INTERIOR), AND</alpha:TextData>
<alpha:TextData>SAGRADA FAMILIA (INTERIOR)</alpha:TextData>
<alpha:TextData>REMAINDER OF DAY/EVENING IN BARCELONA FREE</alpha:TextData>
<alpha:TextData>FOR INDEPENDENT SIGHTSEEING/SHOPPING</alpha:TextData>
<alpha:TextData>INCLUSIVE DINNER AT A BARCELONA RESTAURANT</alpha:TextData>
<alpha:TextData>OVERNIGHT IN BACELONA</alpha:TextData>
<alpha:TextData>DAY 5 BARCELONA DEPARTURE</alpha:TextData>
<alpha:TextData>INCLUSIVE BREAKFAST AT HOTEL</alpha:TextData>
<alpha:TextData>TRANSFER TO BARCELONA PORT FOR SHIP</alpha:TextData>
<alpha:TextData>BOARDING</alpha:TextData>
<alpha:TextData>MADRID ARRIVAL - GUESTS MAKING THEIR OWN AIR</alpha:TextData>
<alpha:TextData>ARRANGEMENTS MUST ARRIVE INTO MADRID BARAJAS</alpha:TextData>
<alpha:TextData>INTERNATIONAL AIRPORT BETWEEN 6:00 AM AND</alpha:TextData>
<alpha:TextData>3:00 PM ON THE TOUR START DATE IN ORDER TO</alpha:TextData>
<alpha:TextData>RECEIVE COMPLIMENTARY ARRIVAL TRANSFERS.</alpha:TextData>
<alpha:TextData>GUEST WILL BE MET BY A CRUISE LINE REP</alpha:TextData>
<alpha:TextData>OUTSIDE THE CUSTOMS AREA. GUESTS DEVIATING</alpha:TextData>
<alpha:TextData>FROM THESE FLIGHT ARRIVAL TIMES OR ARRIVING</alpha:TextData>
<alpha:TextData>ON A DAY OTHER THAN THE TOUR START DAY WILL</alpha:TextData>
<alpha:TextData>FORFEIT THEIR COMPLIMENTARY ARRIVAL TRANSFER</alpha:TextData>
<alpha:TextData>AND WILL NEED TO ARRANGE FOR THEIR OWN</alpha:TextData>
<alpha:TextData>TRANSFER TO THE FIRST HOTEL.</alpha:TextData>
<alpha:TextData>*PLEASE NOTE HOTEL CHECK IN TIME IS 2:00 P.M.</alpha:TextData>
<alpha:TextData/>
</alpha:TextScreen>
</alpha:TextScreens>
</alpha:OTA_ScreenTextRS>
</detail:getPackageDetailResponse>

```

## 11.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 11.6 Special Design Considerations

Cruise package code is an OTA\_CodeType (Code List Name = Package type code). Refer to OTA\_CodeTypes appendix for more information.

## 12. Cruise Tour Detail Message

### 12.1 Functional Overview

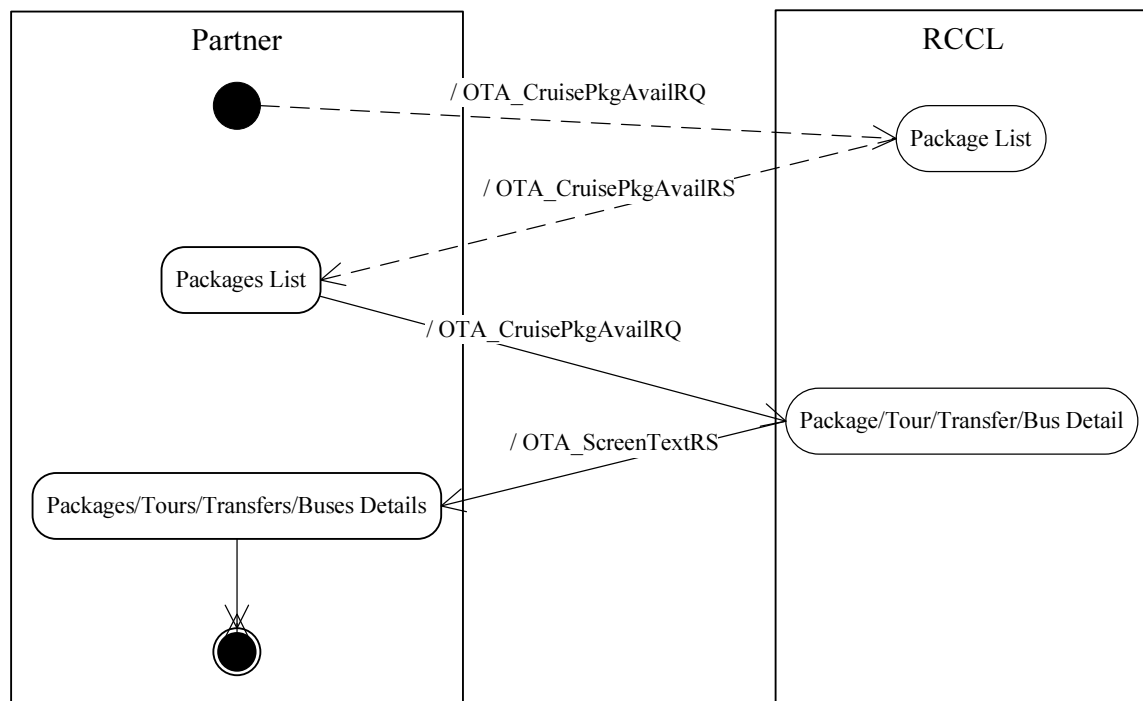
The Cruise Tour Detail message is very similar to the Cruise Package Detail message and is used to request detailed information about the hotel tours associated with a sailing. A cruise package can be a stay in a hotel for one or more days at the beginning or end of a cruise. They are generally located near the port of embarkation or debarkation. The response message contains the details of the requested tour packages along with their associated pricing.

The package code is mandatory as part of this request.

#### 12.1.1 Transaction Services

- Retrieves the detailed information pertaining to the tour package for which the package code is provided.

### 12.2 Typical Process Flow



## 12.3 Schema Specification

The schemas for Cruise Tour Detail request and response are OTA\_CruisePkgAvailRQ and OTA\_ScreenTextRS. Our implementation is based on the OTA\_2007A schema specification.

### 12.3.1 Cruise Tour Detail Request

#### 12.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS(Point of Sale)	POS_Type
SailingInfo	SailingCategoryInfoType
Package Option	CruisePackageType

#### 12.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 12.3.1.3 Extensions

None

### 12.3.2 Cruise Tour Detail Response

#### 12.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

#### 12.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 12.3.2.3 Extensions

- None.

## 12.4 Message User Guide

### 12.4.1 Request Parameters

Field	Data Type	Type Size	Required
-------	-----------	-----------	----------

/OTA_CruisePkgAvailRQ/@MaxResponses	Integer	3	Y
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruisePkgAvailRQ/PackageOption/@CruisePackageCode	String	6	Y

## 12.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_ScreenTextRS/Warnings/Warning[1-3]	String	80	N
/OTA_ScreenTextRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_ScreenTextRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_ScreenTextRS/Success	Node		N
/OTA_ScreenTextRS/TextScreens/@MoreIndicator	Boolean		N
/OTA_ScreenTextRS/TextScreens/@ScreenRowsNum	Integer	3	N
/OTA_ScreenTextRS/TextScreens/TextScreen/TextData[1-50]	String	64	N

## 12.4.3 Use Case

John wants to find additional details for a tour that he has selected. The code of the package is “QV1BX” for the Navigator of the Seas sailing on 2009-08-02.

### 12.4.3.1 Sample Message Request – OTA\_CruisePkgAvailRQ

```
<m:getTourDetail xmlns:m="http://services.rccl.com/Interfaces/TourDetail">
  <OTA_CruisePkgAvailRQ MaxResponses="150" RetransmissionIndicator="false" SequenceNbr="1"
  TimeStamp="2008-10-28T17:23:19.014-04:00" TransactionIdentifier="106597" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <SailingInfo>
      <SelectedSailing Start="2009-08-02">
        <CruiseLine ShipCode="NV"/>
      </SelectedSailing>
    </SailingInfo>
    <PackageOption CruisePackageCode="QV1BX" PackageTypeCode="0"/>
  </OTA_CruisePkgAvailRQ>
</m:getTourDetail>
```

### 12.4.3.2 Sample Message Response – OTA\_ScreenTextRS

The response with the tour details for the requested tour are returned.

```
<detail:getTourDetailResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:detail="http://services.rccl.com/Interfaces/TourDetail">
  <alpha:OTA_ScreenTextRS Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:TextScreens MoreIndicator="false" ScreenRowsNum="38">
      <alpha:TextScreen>
        <alpha:TextData>Single 00000000451.00</alpha:TextData>
        <alpha:TextData>Double 00000000332.00</alpha:TextData>
        <alpha:TextData>Triple 00000000303.00</alpha:TextData>
        <alpha:TextData>Quadruple 00000000000.00</alpha:TextData>
        <alpha:TextData>Child 00000000000.00</alpha:TextData>
        <alpha:TextData>Infant * Free *</alpha:TextData>
        <alpha:TextData>HOTEL CICERONE ****</alpha:TextData>
        <alpha:TextData>VIA CICERONE 55/C, ROMA - ITALIA I-00193</alpha:TextData>
      </alpha:TextScreen>
    </alpha:TextScreens>
  </alpha:OTA_ScreenTextRS>
</detail:getTourDetailResponse>
```



```

<alpha:TextData>PHONE: 011-39-06-3576 / FAX: 011-39-06-6880-1383</alpha:TextData>
<alpha:TextData>EMAIL: CICERONE*TRAVEL.IT</alpha:TextData>
<alpha:TextData>INCLUDES:</alpha:TextData>
<alpha:TextData>1 NIGHT ROOM / TAX / PORTERAGE / GRATUITIES</alpha:TextData>
<alpha:TextData>BREAKFAST</alpha:TextData>
<alpha:TextData>ALL TRANSFERS FOR AIR/SEA GUESTS. C/O GUESTS</alpha:TextData>
<alpha:TextData>HOTEL/PIER TSF ONLY.</alpha:TextData>
<alpha:TextData>HOTEL INFO: MODERATE FIRST CLASS HOTEL PROPERTY W/239
ROOMS</alpha:TextData>
<alpha:TextData>CONTEMPORARY 7-STORY HOTEL (1974) SET IN CENTRAL</alpha:TextData>
<alpha:TextData>LOCATION NEAR</alpha:TextData>
<alpha:TextData>CASTEL SANT*ANGELO * VATICAN, ACROSS THE RIVER FROM</alpha:TextData>
<alpha:TextData>PIAZZA DEL</alpha:TextData>
<alpha:TextData>POPOLO - 6KM FROM TRAIN STATION * 30KM FROM LEONARDO</alpha:TextData>
<alpha:TextData>DA VINCI</alpha:TextData>
<alpha:TextData>AIRPORT OF FIUMICINO - ROOMS W/PRIVATE BATH, AIR</alpha:TextData>
<alpha:TextData>CONDITIONING</alpha:TextData>
<alpha:TextData>PHONE, RADIO, SATELLITE TV * FRIGOBAR. WHEELCHAIR</alpha:TextData>
<alpha:TextData>ACCESS -</alpha:TextData>
<alpha:TextData>RESTAURANT * COFFEE SHOP - AMERICAN BAR - (RENOVATED</alpha:TextData>
<alpha:TextData>IN 1986).</alpha:TextData>
<alpha:TextData>TRANSPORTATION:</alpha:TextData>
<alpha:TextData>DISTANCE TO PIER: 55 MILES</alpha:TextData>
<alpha:TextData>TIME TO PIER: 75 MINUTES</alpha:TextData>
<alpha:TextData>DISTANCE TO AIRPORT: 45 MILES</alpha:TextData>
<alpha:TextData>TIME TO AIRPORT: 45 MINUTES</alpha:TextData>
<alpha:TextData>HOTEL WEBSITE: WWW.TRAVEL.IT/ROMA/CICERONE</alpha:TextData>
<alpha:TextData>GENERAL LOCATIONS:</alpha:TextData>
<alpha:TextData>NEAR THE CITY CENTER</alpha:TextData>
<alpha:TextData>WITHIN WALKING DISTANCE - ABOUT 5 TO 10 MINUTES FROM</alpha:TextData>
<alpha:TextData>SPANISH STEPS</alpha:TextData>
</alpha:TextData>
</alpha:TextScreen>
</alpha:TextScreens>
</alpha:OTA_ScreenTextRS>
</detail:getTourDetailResponse>

```

## 12.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 12.6 Special Design Considerations

Cruise package code is an OTA\_CodeType (Code List Name = Package type code). Refer to OTA\_CodeTypes appendix for more information.

## 13. Cruise Transfer Detail Message

### 13.1 Functional Overview

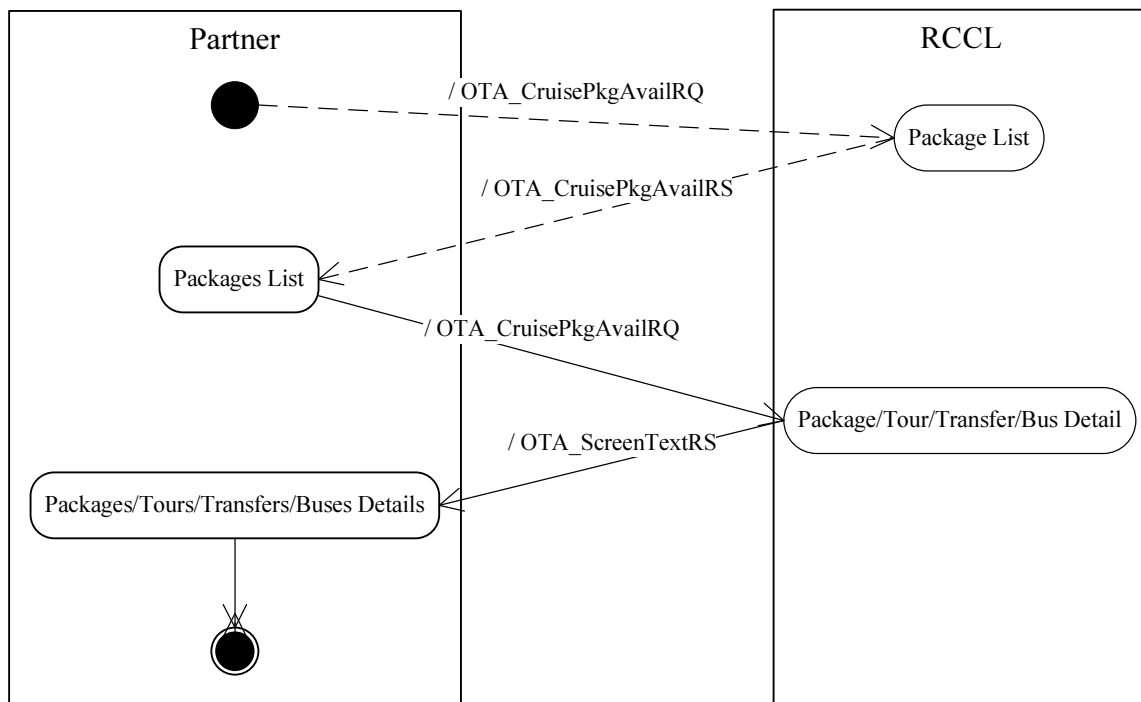
The Cruise Transfer Detail message is very similar to the Cruise Package Detail message and is used to request detailed information about the cruise transfers associated with a sailing. Cruise transfers are used to transport guests between the ship and the airport. The response message contains the details of the requested transfers in textual free form.

The package code should be provided in the request to retrieve the associated details.

#### 13.1.1 Transaction Services

- Displays the detailed information of the cruise transfer associated with the sailing.

### 13.2 Typical Process Flow



### 13.3 Schema Specification

The schemas for Cruise Transfer Detail request and response are `OTA_CruisePkgAvailRQ` and `OTA_ScreenTextRS`. Our implementation is based on the `OTA_2007A` schema specification.

### 13.3.1 Cruise Transfer Detail Request

#### 13.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS(Point of Sale)	POS_Type
SailingInfo	SailingCategoryInfoType
Package Option	CruisePackageType

#### 13.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- RCL only supports one occurrence of SelectedFareCode even though schema supports up to two.
- Regarding the two occurrences of GuestTransportationType, only the confirmed status occurrence will be used.

#### 13.3.1.3 Extensions

None

### 13.3.2 Cruise Transfer Detail Response

#### 13.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

#### 13.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 13.3.2.3 Extensions

- None.

## 13.4 Message User Guide

### 13.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePkgAvailRQ/@MaxResponses	Integer	3	Y
/OTA_CruisePkgAvailRQ/@MoreDateEchoToken	Integer	2	Y
/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y

/OTA_CruisePkgAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruisePkgAvailRQ/PackageOption/@CruisePackageCode	String	6	Y

### 13.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_ScreenTextRS /Warnings/Warning[1-3]	String	80	N
/OTA_ScreenTextRS /Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_ScreenTextRS /Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_ScreenTextRS /Success	Node		N
/OTA_ScreenTextRS/TextScreens/@MoreIndicator	Boolean		N
/OTA_ScreenTextRS/TextScreens/@ScreenRowsNum	Integer	3	N
/OTA_ScreenTextRS/TextScreens/TextScreen/TextData[1-30]	String	64	N

### 13.4.3 Use Case

John wants to find the transfer details of a bus that he has selected. The code of the package is “TCMOA” for the Freedom of the Seas sailing on 2009-08-02.

#### 13.4.3.1 Sample Message Request – OTA\_CruisePkgAvailRQ

```
<m:getTransferDetail xmlns:m="http://services.rccl.com/Interfaces/TransferDetail">
  <OTA_CruisePkgAvailRQ MaxResponses="150" MoreDataEchoToken="01" RetransmissionIndicator="false"
  SequenceNmbr="1" TimeStamp="2008-10-28T17:23:19.014-04:00" TransactionIdentifier="106597" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <SailingInfo>
      <SelectedSailing Start="2009-08-02">
        <CruiseLine ShipCode="FR"/>
      </SelectedSailing>
    </SailingInfo>
    <PackageOption CruisePackageCode="TCMOA" PackageTypeCode="0"/>
  </OTA_CruisePkgAvailRQ>
</m:getTransferDetail>
```

#### 13.4.3.2 Sample Message Response – OTA\_ScreenTextRS

The Transfer Details are returned in the response:

```
<detail:getTransferDetailResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:detail="http://services.rccl.com/Interfaces/TransferDetail">
  <alpha:OTA_ScreenTextRS Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:TextScreens MoreIndicator="false" ScreenRowsNum="9">
      <alpha:TextScreen>
        <alpha:TextData>ARRIVAL - ORLANDO AIRPORT</alpha:TextData>
        <alpha:TextData>MCO- ORLANDO INTERNATIONAL AIRPORT</alpha:TextData>
        <alpha:TextData>* FLIGHT ENTRIES MUST BE CORRECT AND COMPLETE.</alpha:TextData>
        <alpha:TextData>*12:30PM IS THE LATEST FLIGHT ARRIVAL PERMITTED</alpha:TextData>
        <alpha:TextData>*CRUISE LINE REP WILL MET GUESTS AT BAGGAGE CLAIMS</alpha:TextData>
        <alpha:TextData>(LEVEL 2) NEAR ESCALATORS OR AFTER CUSTOMS AREA</alpha:TextData>
        <alpha:TextData>(FOR INTERNATIONAL GUESTS).**SHIP BAG TAGS SHOULD</alpha:TextData>
        <alpha:TextData>BE ATTACHED PRIOR TO LEAVING HOME. GUESTS MUST</alpha:TextData>
        <alpha:TextData>CLAIM OWN BAGS. **LATEST FLIGHT ARRIVAL12:30P.</alpha:TextData>
      </alpha:TextScreen>
    </alpha:TextScreens>
  </alpha:OTA_ScreenTextRS>
</detail:getTransferDetailResponse>
```

```
</alpha:TextScreen>  
</alpha:TextScreens>  
</alpha:OTA_ScreenTextRS>  
</detail:getTransferDetailResponse>
```

### **13.5 Error Handling**

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

### **13.6 Special Design Considerations**

Cruise package code is an OTA\_CodeType (Code List Name = Package type code). Refer to OTA\_CodeTypes appendix for more information.

## 14. Cruise Category List Message

### 14.1 Functional Overview

The Category List Request message requests a list of cabin rate categories for a specified sailing and fare code. The sailing information is indicated by the ship and sail date.

The response message returns a list of cabin rate categories that correspond to the requested sailing, fare code and Guest level promotional qualifiers in addition to their respective status by occupancy, the category location on the ship, priced and berthed codes, as well as category pricing.

#### 14.1.1 Transaction Services

- Validates the air status when gateway is provided
- Validates the promo code for each category/occupancy combination and returns the lowest available price for each combination
- ~~Returns a list of all cabin categories and 1/2/3/4 occupancy status and pricing information.~~ Returns a list of all cabin categories, status and pricing for the **requested occupancy**. Additionally, it includes
  - Location parameter – Inside, Outside, Balcony, and Deluxe
  - Promo code for best pricing for each category/occupancy combination for available categories
  - Cruise only amounts
  - Air add-on amounts when gateways provided in the request
- ~~Returns FIT pricing when categories are not available.~~ Prevailing base prices will be returned for Waitlisted categories.
- ~~The results are sent for all occupancy levels regardless of the number specified in the request.~~ The results are sent specific to the number of guests specified in the request.
- The Lowest Available Fare ‘LAF’ concept is now being referred as ‘Best Rate’.
- If the requested fare code is “LAF/BESTRATE”, then the response includes the Best rates for the given category/occupancy combination and the fare code used across all applicable fare codes.
- If the requested fare code is “BVL” (Best Value), then the response includes any applicable best offer. If Best offer is not available, Best Rate will be returned with an info message.

- The CategoryLocation attribute will not be returned for virtual categories or categories used for guarantee cabins.
- The response will include the highest configured category upgrade (berthed) for a given category (priced) when auto-upgrades are configured for a given category.
- For sailings with a requirement for mandatory pre-paid gratuities, an indicator (“A”) is sent back in the response to indicate gratuities are to be added to the booking and sent at confirmation time, unless the end customer has explicitly declined the gratuities later in the booking process.
- For sailings with a requirement for Automated Mandatory pre-paid gratuities, an indicator (“M”) is send back in the response to indicate gratuities will be added automatically to the booking at pricing and confirmation time. These gratuities are not declinable in the booking process.
- Accessible/Non-Accessible Stateroom qualifiers will be accepted in the request. Category availability reponse will be returned based on the accessible/non-accessible staterooms availability. API partners may choose to opt out for the qualifier and continue getting the availability for accessible and non-accessible staterooms.
- Accessible Stateroom availability indicator will be returned for every category in the response.
- Connecting Stateroom qualifier will be accepted in the request. Response will return the availability based on the connecting stateroom qualifier set in the request.
- Connecting Stateroom availability indicator will be returned for every category in the response.
- **Pricing and Promotions**
  - The service request will accept optional promotion eligibility qualifiers at the guest level. Based on the promotional qualifiers the system will return the best rate (LAF/BESTRATE) along with any applicable offers (BVL – Best Value).
  - If no promotional qualifiers are provided and BESTRATE is requested, only unrestricted fares will be part of the calculation.
  - Request for a specific promotion will return a price based on the selected promotion, the corresponding best rate and any other unrestricted, combinable promotions.

- Optional Guest level promotional qualifiers would include Age/AgeQualifyingcode, Gateway code, Resident qualifiers (state/province), Occupational qualifiers (Military, Law enforcement, Fire Department, or EMT), coupon codes and Loyalty numbers.
- Category Pricing for multiple combinable promotions can also be requested.
- Response is limited to occupancy requested.
- FIT pricing concept is now being replaced with the prevailing base fares.
- Non commissionable cruise Fare (NCCF/Port charges) will be added to the cruise Fare for certain markets and an indicator will be returned as well.
- **Non-Refundable Promotions**
  - Promotions can be classified as Refundable, Non-Refundable Deposit and Non-Refundable Full Fare types.
  - Every promotion returned in the response will have Refundability type indicator.
    - 1 - "No Restrictions - Refundable"
    - 2 - "Non-Refundable - Deposit"
    - 3 - "Non-Refundable - Full Fare"
  - Refundable and Non-Refundable types will be included in the response by default. Non-Refundable types can be excluded from the response by explicitly setting the "IncludeNonRefundablePromos" Indicator to "No" along with each Fare/promotion.
   
  

```
<SelectedFare FareCode="BESTRATE" IncludeNonRefundablePromos="No"/>
```
- Please see next subsection for category breakdown logic.

## 14.1.2 Category List Response Breakdown Logic

### 14.1.2.1 What are the status codes for each Category Code?

The availability status of a category is indicated by the BreakdownType as shown below.

### 14.1.2.2 How do I interpret the BreakdownTypes?

The BreakdownType in the CategoryList response should be interpreted as shown in the example below.

#### (a) Single Occupancy Scenario



<pre>&lt;alpha:PriceInfo Amount="10580.00" BreakdownType="0101C" NCCFAmount="400.00" PromotionAmount="200.00" PromotionClass="12" PromotionTypes="44" FareCode="FSTG01C" /&gt;</pre>	<p>Cost of the Cruise Cabin for the first guest assuming single occupancy is 10580.00 (cruise + NCCF) if TaxInclusive="true"</p> <p>Total applied promotion Amount will be returned in PromotionAmount.</p> <p>Promotion Class(s) and Type(s) will be returned for applied discount(s) with a blank space delimiter.</p> <p>The first two characters in the BreakdownType indicate the occupancy. In this case, since the BreakdownType value is "0101C", the first two characters "01" indicate single occupancy.</p> <p>The third and fourth characters indicate the specific guest's breakdown for the line item. In this case, since the BreakdownType value is "0101C", the third and fourth characters "01" indicate that the line item is for the first guest.</p> <p>The fifth character indicates the PriceType. If the value for the fifth character is "C", then the pricing is shown for Cabin. In situations, where the fifth character is "A", the pricing is for the Air Add on.</p>
<pre>&lt;alpha:PriceInfo Amount="0" BreakdownType="0101A" FareCode="FSTG01C" /&gt;</pre>	<p>Since the value of the fifth character in the BreakdownType is "A", it is an Air Add on amount. Cost of the Air Add on for the first guest is 0 since it is a Cruise only booking</p>
<pre>&lt;alpha:PriceInfo BreakdownType="01 A" FareCode="FSTG01C" /&gt;</pre>	<p>Since the availability is linked with the occupancy count, the third entry shows the availability and the occupancy. In this case, since the value of the BreakdownType is "01 A", it means that the category is available assuming single occupancy. A value of "W" indicates the status as Waitlisted while "C" means that the category is Closed.</p> <p>Also, notice that there is no Amount attribute included in this since this PriceInfo line item is used to indicate only the status and the occupancy associated with the status</p>
<pre>&lt;alpha:PriceInfo BreakdownType="01" FareCode="FSTG01C" /&gt;</pre>	<p>The fourth entry is a guarantee indicator</p>

#### **(b) Double Occupancy Scenario**

<code>&lt;alpha:PriceInfo Amount="5290.00" BreakdownType="0201C" NCCFAmount="200.00" PromotionAmount="200.00" PromotionClass="12" " PromotionTypes="44" FareCode="FSTG01C" /&gt;</code>	<p>Cost of the Cruise Cabin for the first guest assuming double occupancy is 5290.00 (cruise + NCCF) if TaxInclusive="true"</p> <p>Total applied promotion Amount will be returned in PromotionAmount.</p> <p>Promotion Class(s) and Type(s) will be returned for applied discount(s) with a blank space delimiter.</p> <p>The first two characters in the BreakdownType indicate the occupancy. In this case, since the BreakdownType value is "0201C", the first two characters "02" indicate double occupancy.</p> <p>The third and fourth characters indicate the specific guest's breakdown for the line item. In this case, since the BreakdownType value is "0201C", the third and fourth characters "01" indicate that the line item is for the first guest.</p> <p>The fifth character indicates the PriceType. If the value for the fifth character is "C", then the pricing is shown for Cabin. In situations, where the fifth character is "A", the pricing is for the Air Add on.</p>
<code>&lt;alpha:PriceInfo Amount="0" BreakdownType="0201A" FareCode="FSTG01C" /&gt;</code>	<p>Since the value of the fifth character in the BreakdownType is "A", it is an Air Add on amount. Cost of the Air Add on for the first guest is 0 since it is a Cruise only booking</p>
<code>&lt;alpha:PriceInfo Amount="5290.00" BreakdownType="0202C" FareCode="FSTG01C" /&gt;</code>	<p>Cost of the Cruise Cabin for the second guest assuming double occupancy is 5290.00</p> <p>The first two characters in the BreakdownType indicate the occupancy. In this case, since the BreakdownType value is "0202C", the first two characters "02" indicate double occupancy.</p> <p>The third and fourth characters indicate the specific guest's breakdown for the line item. In this case, since the BreakdownType value is "0202C", the third and fourth characters "02" indicate that the line item is for the second guest.</p> <p>The fifth character indicates the PriceType. If the value for the fifth character is "C", then the pricing is shown for Cabin. In situations, where the fifth character is "A", the pricing is for the Air Add on.</p>
<code>&lt;alpha:PriceInfo Amount="0" BreakdownType="0202A" FareCode="FSTG01C" /&gt;</code>	<p>Since the value of the fifth character in the BreakdownType is "A", it is an Air Add on amount. Cost of the Air Add on for the second guest is 0 since it is a Cruise only booking</p>

<code>&lt;alpha:PriceInfo BreakdownType="02 A" FareCode="FSTG01C" /&gt;</code>	<p>Since the availability is linked with the occupancy count, the third entry shows the availability and the occupancy. In this case, since the value of the BreakdownType is "02 A", it means that the category is available assuming double occupancy. A value of "W" indicates the status as Waitlisted while "C" means that the category is Closed.</p> <p>Also, notice that there is no Amount attribute included in this since this PriceInfo line item is used to indicate only the status and the occupancy associated with the status</p>
<code>&lt;alpha:PriceInfo BreakdownType="02" FareCode="FSTG01C" /&gt;</code>	<p>The fourth entry is a guarantee indicator</p>

### 14.1.2.3 Category location missing in some CategoryOptions?

The Category Location will not have a value for virtual categories normally named as "W", "X", "Y" and "Z". These virtual categories are used for guarantees and will include inventory from multiple physical categories. Due to this, it is not possible to provide a single value for the Category Location attribute. Due to this fact, the Category Location attribute will not be present for virtual categories.

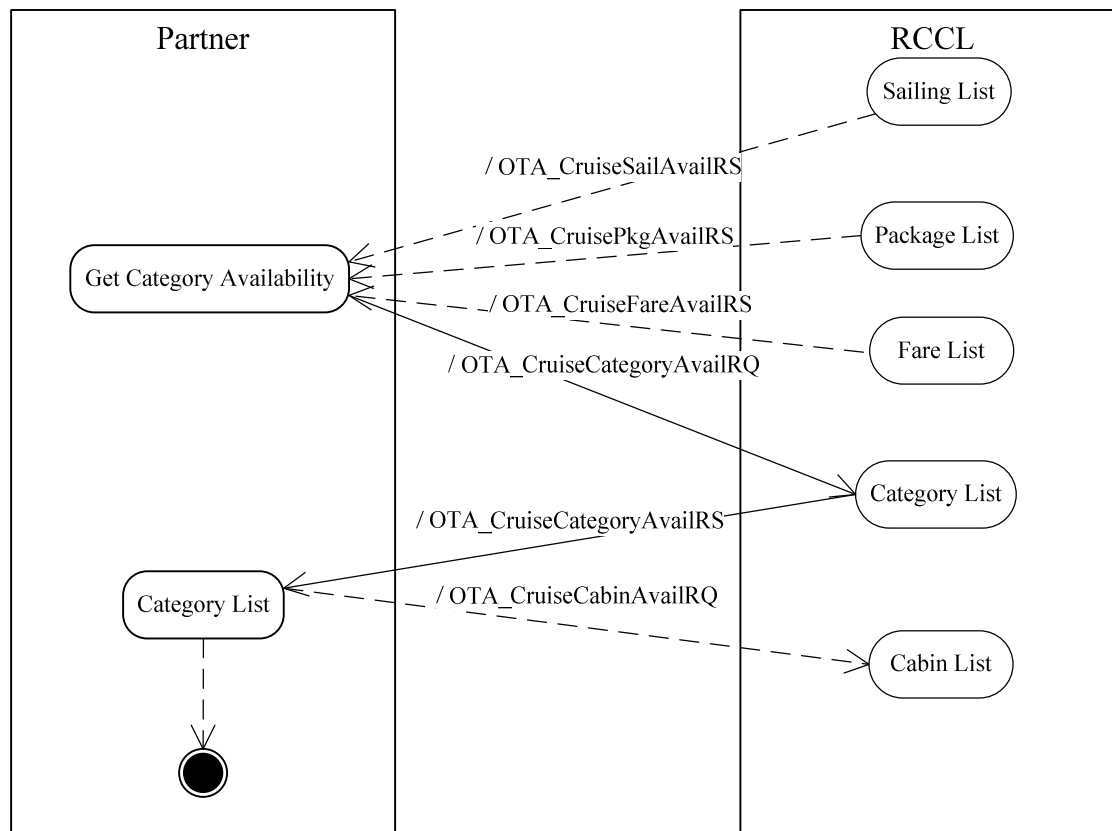
### 14.1.2.4 Why do I get category/occupancy entries with FIT fare code when I specified fare code XXX?

When using a particular fare code other than LAF (default), there might be some categories where the given fare code does not apply. These are returned with the FIT fare code. FIT Pricing concept is no longer applicable after Pricing and promotions enhancement. FIT pricing is now replaced by prevailing base fares.

### 14.1.2.5 Rates are zero for most Rate codes?

The Amounts shown in the response will always be zero for Air Add on line items for a cruise only booking. The Amounts shown will also be zero when a category is unavailable for booking. Also, keep in mind that not all categories apply for a given promo code. Therefore, if a promo code is provided as part of the request, this behavior will also be seen when a category does not participate in the promotion.

## 14.2 Typical Process Flow



## 14.3 Schema Specification

The schemas for Cruise Category List request and response are OTA\_CruiseCategoryAvailRQ and OTA\_CruiseCategoryAvailRS. Our implementation is based on the OTA\_2007A schema specification.

### 14.3.1 Cruise Category List Request

#### 14.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS (Point of Sale)	POS_Type
Guest	GuestType
SailingInfo	SailingInfoType
SearchQualifiers	SearchQualifierType(Extends)

#### 14.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Only one SelectedFare element is supported
- SearchQualifierTypes are ignored except ReservationID

### 14.3.1.3 Extensions

- Added 'Balcony' and 'Deluxe' to the OTA CategoryLocationType enumeration.

## 14.3.2 Cruise Category List Response

### 14.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingInfoType
Taxes	TaxesType
Fee	FeeType
Information	ParagraphType
Errors	ErrorsType

### 14.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

### 14.3.2.3 Extensions

None

## 14.4 Message User Guide

### 14.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseCategoryAvailRQ/@MaxResponses	Integer	2	N
/OTA_CruiseCategoryAvailRQ/@MoreDataEchoToken	String	8	N
/OTA_CruiseCategoryAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseCategoryAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruiseCategoryAvailRQ/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	2	Y
/OTA_CruiseCategoryAvailRQ/SearchQualifiers/ReservationID/@ID	Integer	7	N
/OTA_CruiseCategoryAvailRQ/SearchQualifiers/@CategoryLocation	String	8	N
/OTA_CruiseCategoryAvailRQ/SearchQualifiers/CabinAttributes/CabinAttribute/@CabinAttributeCode	String	2	N
/OTA_CruiseCategoryAvailRQ/Guest[1-4]/@Age	Integer	2	N
/OTA_CruiseCategoryAvailRQ/Guest[1-4]/@Code	String	2	N
/OTA_CruiseCategoryAvailRQ/Guest[1-4]/@LoyaltyMembershipID	String	9	N
/OTA_CruiseCategoryAvailRQ/Guest[1]/GuestTransportation[1]/@Mode	Integer	2	Y
/OTA_CruiseCategoryAvailRQ/Guest[1]/GuestTransportation[2]/@Mode	Integer	2	N
/OTA_CruiseCategoryAvailRQ/Guest[2-4]/GuestTransportation[1-2]/@Mode	Integer	2	N
/OTA_CruiseCategoryAvailRQ/Guest[2-4]/GuestTransportation[1-2]/@Status	Integer	2	N
/OTA_CruiseCategoryAvailRQ/Guest[1]/GuestTransportation[1]/GatewayCity/@LocationCode	String	3	Y
/OTA_CruiseCategoryAvailRQ/Guest[1]/GuestTransportation[2]/GatewayCity/@LocationCode	String	3	N
/OTA_CruiseCategoryAvailRQ/Guest[2-4]/GuestTransportation[1-2]/GatewayCity/@LocationCode	String	3	N

/OTA_CruiseCategoryAvailRQ/Guest[1-4]/Address/StateProv/@StateCode	String	2	N
/OTA_CruiseCategoryAvailRQ/Guest[1-4]/FareQualifiers[0-5]/@FareRestriction	String	1	N
/OTA_CruiseCategoryAvailRQ/Guest[1-4]/SelectedOffers[0-1]/@PromotionCode	String	20	N
/OTA_CruiseCategoryAvailRQ/Guest[1-2]/@GuestCount	Integer	1	Y
/OTA_CruiseCategoryAvailRQ/Guest[3-4]/@GuestCount	Integer	1	N
/OTA_CruiseCategoryAvailRQ/SelectedFare[1-2]/@FareCode	String	8	N
/OTA_CruiseCategoryAvailRQ/SelectedFare[1-2]/@IncludeNonRefundablePromos	YesNoType		N
/OTA_CruiseCategoryAvailRQ/SelectedPromotions[0-20]/@PromotionCode	String	16	N

## 14.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseCategoryAvailRS/@MaxResponses	Integer	3	Y
/OTA_CruiseCategoryAvailRS/@MoreIndicator	Boolean		Y
/OTA_CruiseCategoryAvailRS/@MoreDatasEchoToken	String	128	N
/OTA_CruiseCategoryAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseCategoryAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseCategoryAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseCategoryAvailRS/Success	Node		N
/OTA_CruiseCategoryAvailRS/SailingInfo/SelectedSailing/@Duration	String	4	N
/OTA_CruiseCategoryAvailRS/SailingInfo/SelectedSailing/Region/@RegionCode	String	5	N
/OTA_CruiseCategoryAvailRS/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/@CategoryLocation	String	8	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/@ListOfCategoryQualifierCodes	String Array with one blank space delimiter	1	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/@PricedCategoryCode	String	2	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/@BerthedCategoryCode	String	2	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos/PriceInfo[1-28]/@Amount	String	14	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos/PriceInfo[1-28]/@BreakdownType	String	5	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos/PriceInfo[1-28]/@FareCode	String	8	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos/PriceInfo[1-28]/@NCCFAmount	String	14	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos/PriceInfo[1-28]/@NonRefundableType	OTA_CodeType		N
/OTA_CruiseCategoryAvailRS/Taxes/Tax[1-4]/@Amount	String	14	N
/OTA_CruiseCategoryAvailRS/Fee/Taxes/Tax[1-4]/@Amount	String	14	N
/OTA_CruiseCategoryAvailRS/Information/@Name	String	4	N
/OTA_CruiseCategoryAvailRS/Information/Text	String	1	N

## 14.4.3 Use Case`

John decided to sail on the Majesty of the Seas on August 2, 2009. Since no promo code is being provided, the category list response will return the lowest available fares for each category/occupancy combination.

### 14.4.3.1 Sample Message Request – OTA\_CruiseCategoryAvailRQ

```
<cat:getCategoryList xmlns:cat="http://services.rccl.com/Interfaces/CategoryList">
  <OTA_CruiseCategoryAvailRQ Version="1" SequenceNmbr="1" TimeStamp="2008-11-05T19:15:56.692+05:30"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
```

```

<POS>
...
</POS>
<Guest>
  <GuestTransportation Mode="14" Status="36">
    <GatewayCity LocationCode="C/O" CodeContext="IATA"/>
  </GuestTransportation>
</Guest>
<GuestCounts>
  <GuestCount Quantity="1"/>
  <GuestCount Quantity="1"/>
</GuestCounts>
<SailingInfo>
  <SelectedSailing Start="2009-08-02">
    <CruiseLine ShipCode="NV"/>
  </SelectedSailing>
</SailingInfo>
<SelectedFare/>
</OTA_CruiseCategoryAvailRQ>
</cat:getCategoryList>

```

### 14.4.3.2 Sample Message Response – OTACruiseCategoryAvailRS

A list of categories are returned for the specified sailing.

```

<list:getCategoryListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.rccl.com/Interfaces/CategoryList">
  <alpha:OTA_CruiseCategoryAvailRS MaxResponses="50" MoreDataEchoToken="0" MoreIndicator="false"
SequenceNmbr="0" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
      <alpha:Warning ShortText="CSE0567" Type="12">PREPAID SERVICE CHARGES MANDATORY
FOR THIS SAILING</alpha:Warning>
    </alpha:Warnings>
    <alpha:SailingInfo>
      <alpha:SelectedSailing Duration="P7N">
        <alpha:CruiseLine/>
        <alpha:Region RegionCode="EMW"/>
      </alpha:SelectedSailing>
      <alpha:InclusivePackageOption CruisePackageCode="NV07M031"/>
    </alpha:SailingInfo>
    <alpha:FareOption>
      <alpha:CategoryOptions>
        <alpha:CategoryOption CategoryLocation="Deluxe" PricedCategoryCode="RS">
          <alpha:PricelInfos>
            <alpha:PricelInfo Amount="199998.00" BreakdownType="0101C" FareCode="FIT"/>
            <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="FIT"/>
            <alpha:PricelInfo BreakdownType="01 W" FareCode="FIT"/>
            <alpha:PricelInfo BreakdownType="01 " FareCode="FIT"/>
          </alpha:PricelInfos>
        </alpha:CategoryOption>
        <alpha:CategoryOption CategoryLocation="Deluxe" PricedCategoryCode="OS">
          <alpha:PricelInfos>
            <alpha:PricelInfo Amount="7380.00" BreakdownType="0101C" FareCode="BRKA04"/>
            <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
            <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
            <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
          </alpha:PricelInfos>
        </alpha:CategoryOption>
        <alpha:CategoryOption CategoryLocation="Deluxe" PricedCategoryCode="FS">
          <alpha:PricelInfos>
            <alpha:PricelInfo Amount="199998.00" BreakdownType="0101C" FareCode="FIT"/>
            <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="FIT"/>

```

```
<alpha:PricelInfo BreakdownType="01 W" FareCode="FIT"/>
<alpha:PricelInfo BreakdownType="01 " FareCode="FIT"/>
</alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Deluxe" PricedCategoryCode="GS">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="5780.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Deluxe" PricedCategoryCode="JS">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="4380.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Deluxe" PricedCategoryCode="W">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="0" BreakdownType="0101C"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A"/>
    <alpha:PricelInfo BreakdownType="01 C"/>
    <alpha:PricelInfo BreakdownType="01 "/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Balcony" PricedCategoryCode="D1">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="3580.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Balcony" PricedCategoryCode="D2">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="3380.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Balcony" PricedCategoryCode="D3">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="3340.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Balcony" PricedCategoryCode="E1">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="3260.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Balcony" PricedCategoryCode="E2">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="3180.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
```



```
</alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Balcony" PricedCategoryCode="X">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="0" BreakdownType="0101C"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A"/>
    <alpha:PricelInfo BreakdownType="01 C"/>
    <alpha:PricelInfo BreakdownType="01 "/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Outside" PricedCategoryCode="FO">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="199998.00" BreakdownType="0101C" FareCode="FIT"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="FIT"/>
    <alpha:PricelInfo BreakdownType="01 W" FareCode="FIT"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="FIT"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Outside" PricedCategoryCode="F">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="2940.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Outside" PricedCategoryCode="H">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="2840.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Outside" PricedCategoryCode="I">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="2780.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Outside" PricedCategoryCode="Y">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="0" BreakdownType="0101C"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A"/>
    <alpha:PricelInfo BreakdownType="01 C"/>
    <alpha:PricelInfo BreakdownType="01 "/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Inside" PricedCategoryCode="PR">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="2140.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Inside" PricedCategoryCode="L">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="2060.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
```

```

<alpha:CategoryOption CategoryLocation="Inside" PricedCategoryCode="M">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="1980.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Inside" PricedCategoryCode="N">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="1920.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Inside" PricedCategoryCode="Q">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="1880.00" BreakdownType="0101C" FareCode="BRKA04"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 A" FareCode="BRKA04"/>
    <alpha:PricelInfo BreakdownType="01 " FareCode="BRKA04"/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
<alpha:CategoryOption CategoryLocation="Inside" PricedCategoryCode="Z">
  <alpha:PricelInfos>
    <alpha:PricelInfo Amount="0" BreakdownType="0101C"/>
    <alpha:PricelInfo Amount="0" BreakdownType="0101A"/>
    <alpha:PricelInfo BreakdownType="01 C"/>
    <alpha:PricelInfo BreakdownType="01 "/>
  </alpha:PricelInfos>
</alpha:CategoryOption>
</alpha:CategoryOptions>
</alpha:FareOption>
<alpha:Taxes>
  <alpha:Tax Amount="68.10"/>
  <alpha:Tax Amount="68.10"/>
  <alpha:Tax Amount="68.10"/>
  <alpha:Tax Amount="68.10"/>
</alpha:Taxes>
<alpha:Fee TaxInclusive="true">
  <alpha:Taxes>
    <alpha:Tax Amount="159.00"/>
    <alpha:Tax Amount="159.00"/>
    <alpha:Tax Amount="159.00"/>
    <alpha:Tax Amount="159.00"/>
  </alpha:Taxes>
</alpha:Fee>
<alpha:Information>
  <alpha:Text>P</alpha:Text>
</alpha:Information>
<alpha:Information Name="PPGR">
<alpha:Text>A</alpha:Text>
</alpha:Information>
</alpha:OTA_CruiseCategoryAvailRS>
</list:getCategoryListResponse>

```

#### 14.4.4 Use Case

John decided to sail on the Radiance of the Seas on June 17, 2011. He has selected a sailing that requires the payment of gratuities as a mandatory booking component. Because the advisory and the PPGR indicator is set to "A" the partner system will know to apply the gratuities to the booking for John, allowing him to get accurate pricing in the

booking process and allowing the booking to be created with the gratuities. Jonh's stateroom preference is accessible only. All promotional qualifiers are set for a double occupancy request.

#### 14.4.4.1 Sample Message Request – OTA\_CruiseCategoryAvailRQ

```
<OTA_CruiseCategoryAvailRQ TimeStamp="2010-10-05T08:03:04" Target="Test" Version="2.0"
SequenceNmbr="1" MaxResponses="50" xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
  <POS>
    .....
  </POS>
  <Guest Code="10" Age="35" LoyaltyMembershipID="729871052">
    <GuestTransportation Mode="29" Status="36">
      <GatewayCity LocationCode="C/O"/>
    </GuestTransportation>
    <Address>
      <StateProv StateCode="FL"/>
    </Address>
    <FareQualifiers FareRestriction="1"/>
    <FareQualifiers FareRestriction="5"/>
    <SelectedOffers PromotionCode="Coupon123"/>
  </Guest>
  <Guest Code="7" Age="1">
    <GuestTransportation Mode="29" Status="36">
      <GatewayCity LocationCode="C/O"/>
    </GuestTransportation>
  </Guest>
  <GuestCounts>
    <GuestCount Quantity="1"/>
    <GuestCount Quantity="1"/>
  </GuestCounts>
  <SailingInfo>
    <SelectedSailing Start="2011-06-17" Duration="P7N">
      <CruiseLine VendorCode="RCC" ShipCode="RD"/>
    </SelectedSailing>
  </SailingInfo>
  <SearchQualifiers>
    <CabinAttributes>
      <CabinAttribute CabinAttributeCode="82"/>
    </CabinAttributes>
  </SearchQualifiers>
  <SelectedFare FareCode="Promotion1"/>
  <SelectedPromotions PromotionCode="Promotion2"/>
  <SelectedPromotions PromotionCode="Promotion3"/>
</OTA_CruiseCategoryAvailRQ>
```

#### 14.4.4.2 Sample Message Response – OTA\_CruiseCategoryAvailRS

The response indicates that the gratuities are mandatory for this sailing.

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <list:getCategoryListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.rccl.com/Interfaces/CategoryList">
      <alpha:OTA_CruiseCategoryAvailRS MaxResponses="76" MoreDataEchoToken="0" MoreIndicator="false"
SequenceNmbr="0" Version="1.0">
        <alpha:Success/>
        <alpha:Warnings>
```

```

    <alpha:Warning Type="3"/>
  </alpha:Warnings>
  <alpha:SailingInfo>
    <alpha:SelectedSailing ListOfSailingDescriptionCode="6" Duration="P7N">
      <alpha:CruiseLine/>
      <alpha:Region RegionCode="EUN"/>
    </alpha:SelectedSailing>
    <alpha:InclusivePackageOption CruisePackageCode="LG07U039"/>
  </alpha:SailingInfo>
  <alpha:FareOption>
    <alpha:CategoryOptions>
      <alpha:CategoryOption CategoryLocation="Deluxe" PricedCategoryCode="RS">
        <alpha:PriceInfos>
          <alpha:PriceInfo Amount="1200.00" BreakdownType="0201C" NCCFAmount="200.00"
FareCode="01268269"/>
          <alpha:PriceInfo Amount="1200.00" BreakdownType="0201A" FareCode="01268269"/>
          <alpha:PriceInfo BreakdownType="01 W" FareCode="01268269"/>
          <alpha:PriceInfo BreakdownType="01 " FareCode="01268269"/>
          <alpha:PriceInfo Amount="1200.00" BreakdownType="0202C" NCCFAmount="200.00"
FareCode="01268269"/>
          <alpha:PriceInfo Amount="1200.00" BreakdownType="0202A" FareCode="01268269"/>
          <alpha:PriceInfo BreakdownType="02 W" FareCode="01268269"/>
          <alpha:PriceInfo BreakdownType="02 " FareCode="01268269"/>
        </alpha:PriceInfos>
      </alpha:CategoryOption>
      <alpha:CategoryOption CategoryLocation="Balcony" PricedCategoryCode="D2">
        <alpha:PriceInfos>
          <alpha:PriceInfo Amount="240.00" BreakdownType="0201C" NCCFAmount="200.00"
PromotionAmount="10.00" PromotionClass="12" PromotionTypes="44" FareCode="01327686"/>
          <alpha:PriceInfo Amount="1200.00" BreakdownType="0201A" FareCode="01327686"/>
          <alpha:PriceInfo BreakdownType="01 A" FareCode="01327686"/>
          <alpha:PriceInfo BreakdownType="01 " FareCode="01327686"/>
          <alpha:PriceInfo Amount="240.00" BreakdownType="0202C" NCCFAmount="200.00"
PromotionAmount="10.00" PromotionClass="12" PromotionTypes="44" FareCode="01327686"/>
          <alpha:PriceInfo Amount="1200.00" BreakdownType="0202A" FareCode="01327686"/>
          <alpha:PriceInfo BreakdownType="02 A" FareCode="01327686"/>
          <alpha:PriceInfo BreakdownType="02 " FareCode="01327686"/>
        </alpha:PriceInfos>
      </alpha:CategoryOption>
      .....
      <alpha:CategoryOption CategoryLocation="Inside" PricedCategoryCode="J">
        <alpha:PriceInfos>
          <alpha:PriceInfo Amount="1000.00" BreakdownType="0201C" NCCFAmount="200.00"
FareCode="01268269"/>
          <alpha:PriceInfo Amount="1200.00" BreakdownType="0201A" FareCode="01268269"/>
          <alpha:PriceInfo BreakdownType="01 W" FareCode="01268269"/>
          <alpha:PriceInfo BreakdownType="01 " FareCode="01268269"/>
          <alpha:PriceInfo Amount="1000.00" BreakdownType="0202C" NCCFAmount="200.00"
FareCode="01268269"/>
          <alpha:PriceInfo Amount="1200.00" BreakdownType="0202A" FareCode="01268269"/>
          <alpha:PriceInfo BreakdownType="02 W" FareCode="01268269"/>
          <alpha:PriceInfo BreakdownType="02 " FareCode="01268269"/>
        </alpha:PriceInfos>
      </alpha:CategoryOption>
    </alpha:CategoryOptions>
  </alpha:FareOption>
  <alpha:Taxes>
    <alpha:Tax Amount="250.31"/>
    <alpha:Tax Amount="250.31"/>
    <alpha:Tax Amount="108.18"/>
    <alpha:Tax Amount="108.18"/>
  </alpha:Taxes>
  <alpha:Fee TaxInclusive="true">
    <alpha:Taxes>
      <alpha:Tax Amount="200.00"/>
      <alpha:Tax Amount="200.00"/>
    </alpha:Taxes>
  </alpha:Fee>

```

```
<alpha:Tax Amount="200.00"/>
<alpha:Tax Amount="200.00"/>
</alpha:Taxes>
</alpha:Fee>
<alpha:Information Name="PPGR">
  <alpha:Text>M</alpha:Text>
</alpha:Information>
</alpha:OTA_CruiseCategoryAvailRS>
</list:getCategoryListResponse>
</soapenv:Body>
</soapenv:Envelope>
```

## 14.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 14.6 Special Design Considerations

- In the request, status code in GuestTransportation is an OTA\_CodeType (Code List Name = Status). Refer to OTA\_CodeTypes appendix for more information.
- In the request, mode code in GuestTransportation is an OTA\_CodeType (Code List Name = Transportation Code). Refer to OTA\_CodeTypes appendix for more information.
- In the response, status code in FareCodeOption/CategoryOptions/CategoryOption is an OTA\_CodeType (Code List Name = Status). Refer to OTA\_CodeTypes appendix for more information.

## 15. Cruise Category List Message Version 2.0

### 15.1 Functional Overview

This service is a new alternative to Cruise Category List. This enhanced version of Category availability service is introduced to better format the category level pricing information and avoids redundant information. This service provides the capability to request for Best Rate and Best Value and also allows price comparison. Price comparison can be requested by sending two rates in the request.

In order to get the new version, same CategoryList operation can be invoked with a different version number.

#### 15.1.1 Transaction Services

- All functional aspects supported in Version 1.0 will be available in this version.
- Additional Promotional Qualifiers will be supported in the request.
- In addition to the new qualifiers, message will now support pricing comparison between two price points.

- Best Rate can be obtained by sending 'BESTRATE' as the FareCode in SelectedFare.

`<SelectedFare FareCode="BESTRATE">`

- Best Value can be obtained by sending TBD as the FareCode in SelectedFare.

`<SelectedFare FareCode="BVL">`

- Top two Best Rate/Values can be obtained by sending two SelectedFares nodes.

`<SelectedFare FareCode="BESTRATE">`

`<SelectedFare FareCode="BESTRATE">`

`<or>`

`<SelectedFare FareCode="BVL">`

`<SelectedFare FareCode="BVL">`

- Specific prices can be obtained by sending the promotions returned as part of FareAvailability search.

`<SelectedFare FareCode="RESRT001">`

- Price comparison can be obtained by sending two Farecodes in the SearchQualifiers.

`<SelectedFare FareCode="Price1">`

`<SelectedFare FareCode="Price2">`

- Pricing for combinable promotions can also be requested.

`<SelectedFare>`

`<SelectedPromotions PromotionCode="Promotion1">`

<SelectedPromotions PromotionCode="Promotion2">  
</SelectedFare >

- Non Refundable Promotions can be excluded.

<SelectedFare FareCode="Promotion1" IncludeNonRefundablePromos="No">

- Only occupancy specific pricing will be returned.
- Multiple occupancy pricing requests can be accommodated by sending multiple occupancy specific category requests.
- Additional promotional attributes such as PriceId, PriceTypeId, PromotionClass, promotionType, PromotionDescription, PromotionAmount will be returned.
- Markets that require cruise fare and NCCF consolidation will receive the CruiseFare amount with NCCF included. An indicator will be returned at the sailing level as well.
- Applications that present a single NCCF rate for display will need to understand the NCCF can vary at guest/category level.
- Please see next subsection for category breakdown logic.

## 15.1.2 Category List Response Breakdown Logic

### 15.1.2.1 What are the status codes for each Category Code?

The availability status of a category is indicated by the BreakdownType as shown below.

### 15.1.2.2 How do I interpret the BreakdownTypes?

The BreakdownType in the CategoryList response should be interpreted as shown in the example below.

#### (a) Single Occupancy Scenario (Base Fare)

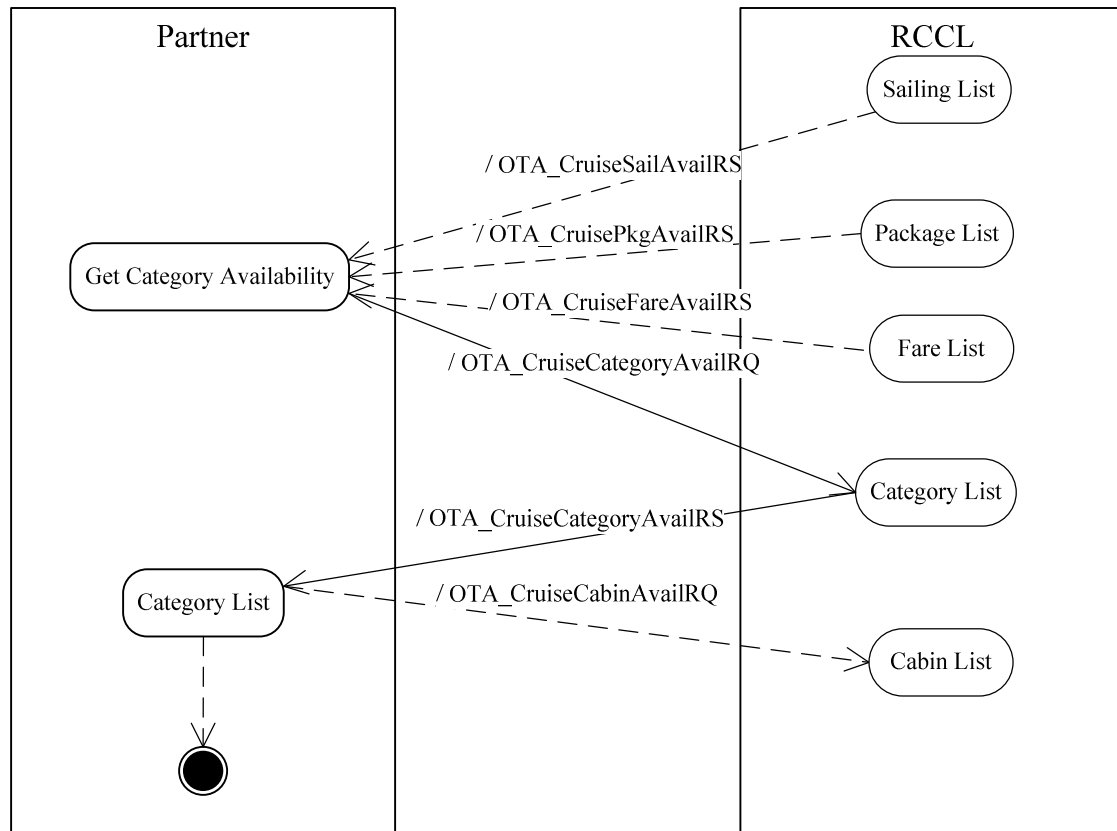
<code>&lt;alpha:FareOption&gt;              &lt;alpha:CategoryOptions&gt;                  &lt;alpha:CategoryOption          CategoryLocation="Deluxe" PricedCategoryCode="PS"          Status="36"&gt;</code>	<ul style="list-style-type: none"> <li>Category Location and availability status will be returned.</li> </ul>
<code>&lt;alpha:PriceInfo Amount="15998.00"              NetAmount="15998.00" PricId="A0803501"              PricIdType="1" PromotionDescription="STANDARD"              FareCode="A0803501"&gt;</code>	<p>Cabin Level pricing is returned here.</p> <ul style="list-style-type: none"> <li>Amount is Cruise Fare + NCCF for markets that requires NCCF consolidation.</li> <li>Net Amount is Amount + NCCF</li> <li>PricId returns the base Fare.</li> <li>PricIdType indicates if the pricing returned is a BESTRATE/BestValue/Selected rate.</li> <li>PromotionDescription returns the short description of the baseFare/Promotion.</li> <li>Fare Code will have the BaseFare Id.</li> </ul>
<code>&lt;alpha:PriceDescription&gt;Standard&lt;/alpha:PriceDescription&gt;</code>	<ul style="list-style-type: none"> <li>Price Definition description is returned here.</li> </ul>
<code>&lt;alpha:PriceBreakDowns Occupancy="1"              Status="36"&gt;</code>	<ul style="list-style-type: none"> <li>Requested occupancy is returned.</li> <li>Status returned here indicates the availability of category status for the requested pricing.</li> </ul>
<code>&lt;alpha:PriceBreakDown AgeQualifyingCode="10"              Amount="15998.00" NCCFAmount="350.00"              NetAmount="15998.00" RPH="1"/&gt;</code>	<ul style="list-style-type: none"> <li>AgeQualifyingCode returns the pricing type (Adult/Child/Infant)</li> <li>Amount will return the cabin Fare+NCCF for markets that requires consolidation.</li> <li>NCCFAmount will return the guest level NCCF Amount.</li> <li>NetAmount is Amount + NCCF.</li> <li>RPH returns the guest sequence number.</li> </ul>

**(b) Double Occupancy Scenario (Promotion)**



<code>&lt;alpha:CategoryOption CategoryLocation="Balcony" PricedCategoryCode="E1" Status="36"&gt;</code>	<ul style="list-style-type: none"> <li>Category Location and availability status will be returned.</li> </ul>
<code>&lt;alpha:PriceInfo Amount="1100.00" AppliedPromotionsQuantity="1" NetAmount="1000.00" Priced="00343294" PricedType="1" PromotionAmount="100.00" PromotionClass="18" PromotionDescription="UKPROM14" PromotionTypes="58" FareCode="01148035"&gt;</code>	<p>Cabin Level pricing is returned here.</p> <ul style="list-style-type: none"> <li>Amount is Cruise Fare + NCCF for markets that requires NCCF consolidation.</li> <li>Net Amount is Amount + NCCF - PromotionAmount</li> <li>Priced returns the base Fare associated with the promotion.</li> <li>PricedType indicates if the pricing returned is a BESTRATE/BestValue/Selected rate.</li> <li>PromotionAmount returns the total promotion Amount.</li> <li>PromotionDescription returns the short description of the Promotion.</li> <li>PromotionClass returns the Concatenated string of Promotion Type(s) with a space delimiter.</li> <li>PromotionType returns the concatenated string of promotion subtype(s) with a space delimiter.</li> <li>Fare Code will have the Promotion/Lead Promotion Id.</li> </ul>
<code>&lt;alpha:PriceBreakDowns Occupancy="2" GuaranteeStatus="36" Status="36"&gt;</code>	<ul style="list-style-type: none"> <li>Requested occupancy is returned.</li> <li>GuaranteeStatus of the category is returned.</li> <li>Status returned here indicates the availability of category status for the requested pricing.</li> </ul>
<code>&lt;alpha:PriceBreakDown AgeQualifyingCode="10" Amount="550.00" DiscountTypes="2" NCCFAmount="130.00" NetAmount="500.00" PromotionAmount="50.00" RPH="1"/&gt; &lt;alpha:PriceBreakDown AgeQualifyingCode="10" Amount="550.00" DiscountTypes="2" NCCFAmount="130.00" NetAmount="500.00" PromotionAmount="50.00" RPH="2"/&gt;</code>	<ul style="list-style-type: none"> <li>AgeQualifyingCode returns the pricing type (Adult/Child/Infant)</li> <li>Amount will return the cabin Fare+NCCF for markets that requires consolidation.</li> <li>DiscountTypes will return the type of discount (Amount/Percentage/OBC).</li> <li>NCCFAmount will return the guest level NCCF Amount.</li> <li>NetAmount is Amount + NCCF - PromotionAmount.</li> <li>PromotionAmount indicates the Total guest level promotion.</li> <li>RPH returns the guest sequence number.</li> </ul>

## 15.2 Typical Process Flow



## 15.3 Schema Specification

The schemas for Cruise Category List request and response are OTA\_CruiseCategoryAvailRQ and OTA\_CruiseCategoryAvailRS. Our implementation is based on the OTA\_2007A schema specification.

### 15.3.1 Cruise Category List Request

#### 15.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS (Point of Sale)	POS_Type
Guest	GuestType
SailingInfo	SailingInfoType
SearchQualifiers	SearchQualifierType(Extends)

#### 15.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- SearchQualifierTypes are ignored except ReservationID

### 15.3.1.3 Extensions

- Added 'Balcony' and 'Deluxe' to the OTA CategoryLocationType enumeration.

## 15.3.2 Cruise Category List Response

### 15.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingInfoType
Taxes	TaxesType
Fee	FeeType
Information	ParagraphType
Errors	ErrorsType

### 15.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

### 15.3.2.3 Extensions

None

## 15.4 Message User Guide

### 15.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseCategoryAvailRQ/@MaxResponses	Integer	2	N
/OTA_CruiseCategoryAvailRQ/@MoreDataEchoToken	String	8	N
/OTA_CruiseCategoryAvailRQ/@Version	String	1	Y
/OTA_CruiseCategoryAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseCategoryAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruiseCategoryAvailRQ/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	2	Y
/OTA_CruiseCategoryAvailRQ/SearchQualifiers/ReservationID/@ID	Integer	7	N
/OTA_CruiseCategoryAvailRQ/SearchQualifiers/@CategoryLocation	String	8	N
/OTA_CruiseCategoryAvailRQ/SearchQualifiers/CabinAttributes/CabinAttribute/@CabinAttributeCode	String	2	N
/OTA_CruiseCategoryAvailRQ/Guest[1-4]/@Age	Integer	2	N
/OTA_CruiseCategoryAvailRQ/Guest[1-4]/@Code	String	2	N
/OTA_CruiseCategoryAvailRQ/Guest[1-4]/@LoyaltyMembershipID	String	9	N
/OTA_CruiseCategoryAvailRQ/Guest[1]/GuestTransportation[1]/@Mode	Integer	2	Y
/OTA_CruiseCategoryAvailRQ/Guest[1]/GuestTransportation[2]/@Mode	Integer	2	N
/OTA_CruiseCategoryAvailRQ/Guest[2-4]/GuestTransportation[1-2]/@Mode	Integer	2	N
/OTA_CruiseCategoryAvailRQ/Guest[2-4]/GuestTransportation[1-2]/@Status	Integer	2	N
/OTA_CruiseCategoryAvailRQ/Guest[1]/GuestTransportation[1]/GatewayCity/@LocationCode	String	3	Y
/OTA_CruiseCategoryAvailRQ/Guest[1]/GuestTransportation[2]/GatewayCity/@LocationCode	String	3	N
/OTA_CruiseCategoryAvailRQ/Guest[2-4]/GuestTransportation[1-	String	3	N

2]/GatewayCity/@LocationCode			
/OTA_CruiseCategoryAvailRQ/Guest[1-4]/Address/StateProv/@StateCode	String	2	N
/OTA_CruiseCategoryAvailRQ/Guest[1-4]/FareQualifiers[0-5]/@FareRestriction	String	1	N
/OTA_CruiseCategoryAvailRQ/Guest[1-4]/SelectedOffers[0-1]/@PromotionCode	String	20	N
/OTA_CruiseCategoryAvailRQ/Guest[1-2]/@GuestCount	Integer	1	Y
/OTA_CruiseCategoryAvailRQ/Guest[3-4]/@GuestCount	Integer	1	N
/OTA_CruiseCategoryAvailRQ/SelectedFare[1-2]/@FareCode	String	8	N
/OTA_CruiseCategoryAvailRQ/SelectedFare[1-2]/@IncludeNonRefundablePromos	YesNoType	3	N
/OTA_CruiseCategoryAvailRQ/SelectedPromotions[0-20]/@PromotionCode	String	16	N

## 15.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseCategoryAvailRS/@MaxResponses	Integer	3	Y
/OTA_CruiseCategoryAvailRS/@MoreIndicator	Boolean		Y
/OTA_CruiseCategoryAvailRS/@MoreDatasEchoToken	String	128	N
/OTA_CruiseCategoryAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseCategoryAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseCategoryAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseCategoryAvailRS/Success	Node		N
/OTA_CruiseCategoryAvailRS/SailingInfo/SelectedSailing/@Duration	String	4	N
/OTA_CruiseCategoryAvailRS/SailingInfo/SelectedSailing/Region/@RegionCode	String	5	N
/OTA_CruiseCategoryAvailRS/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruiseCategoryAvailRS/FareOption/CategoryOptions/CategoryOption[1-50]/@CategoryLocation	String	8	N
/OTA_CruiseCategoryAvailRS/FareOption/CategoryOptions/CategoryOption[1-50]/@ListOfCategoryQualifierCodes	String Array with one blank space delimiter	1	N
/OTA_CruiseCategoryAvailRS/FareOption/CategoryOptions/CategoryOption[1-50]/@PricedCategoryCode	String	2	N
/OTA_CruiseCategoryAvailRS/FareOption/CategoryOptions/CategoryOption[1-50]/@Status	String	2	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/@Amount	String	14	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/@NetAmount	String	14	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/@Priced	String	16	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/@PricedType	String	1	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/@PromotionDescription	String	15	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/@PromotionAmount	String	14	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/@PromotionClass	String	2	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/@PromotionTypes	String	2	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/@AppliedValueAddPromotionsQuantity	String	1	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/@ValueAddAmount	String	14	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/@NonRefundableType	OTA_CodeType		N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/PriceDescription@Text	String	15	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/PriceBreakDowns/@GuaranteeStatus	String	2	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/PriceBreakDowns/@GuaranteeStatus	String	1	N

50]/PriceInfos[1-2]/PriceInfo/PriceBreakDowns/@Occupancy			
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/PriceBreakDowns/@Status	String	2	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/PriceBreakDowns/PriceBreakDown[1-4]/@AgeQualifyingCode	String	2	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/PriceBreakDowns/PriceBreakDown[1-4]/@Amount	String	14	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/PriceBreakDowns/PriceBreakDown[1-4]/@DiscountTypes	String	1	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/PriceBreakDowns/PriceBreakDown[1-4]/@NCCFAmount	String	14	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/PriceBreakDowns/PriceBreakDown[1-4]/@NetAmount	String	14	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/PriceBreakDowns/PriceBreakDown[1-4]/@RPH	String	1	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/PriceBreakDowns/PriceBreakDown[1-4]/@PromotionAmount	String	14	N
/OTA_CruiseCategoryAvailRS/FareOptions/CategoryOptions/CategoryOption[1-50]/PriceInfos[1-2]/PriceInfo/PriceBreakDowns/PriceBreakDown[1-4]/@ValueAddAmount	String	14	N
/OTA_CruiseCategoryAvailRS/Taxes/Tax[1-4]/@Amount	String	14	N
/OTA_CruiseCategoryAvailRS/Fee/Taxes/Tax[1-4]/@Amount	String	14	N
/OTA_CruiseCategoryAvailRS/Information/@Name	String	4	N
/OTA_CruiseCategoryAvailRS/Information/Text	String	1	N

### 15.4.3 Use Case

John decided to sail on the Allure of the Seas on December 29, 2013. He is giving all the guest level promotions and requesting for BESTRATE and BestValue. Also the request is get availability for connecting and accessible staterooms.

#### 15.4.3.1 Sample Message Request – OTA\_CruiseCategoryAvailRQ

```
<cat:getCategoryList xmlns:cat="http://services.rccl.com/Interfaces/CategoryList">
  <alp:OTA_CruiseCategoryAvailRQ Version="1" SequenceNmbr="1" TimeStamp="2008-11-05T19:15:56.692+05:30"
    xmlns:alp="http://www.opentravel.org/OTA/2003/05/alpha">
    <alp:POS>
      .....
    </alp:POS>
    <alp:Guest>
      <alp:GuestTransportation Mode="29" Status="36">
        <alp:GatewayCity LocationCode="C/O"/>
      </alp:GuestTransportation>
      <alp:Address>
        <alp:StateProv StateCode="FL"/>
      </alp:Address>
      <alp:FareQualifiers FareRestriction="2"/>
      <alp:SelectedOffers PromotionCode="COUPON"/>
    </alp:Guest>
    <alp:Guest>
      <alp:GuestTransportation Mode="29" Status="36">
        <alp:GatewayCity LocationCode="C/O"/>
      </alp:GuestTransportation>
    </alp:Guest>
    <alp:GuestCounts>
      <alp:GuestCount Quantity="2"/>
    </alp:GuestCounts>
    <alp:SailingInfo>
      <alp:SelectedSailing Start="2010-11-29+05:30">
        <alp:CruiseLine ShipCode="ID"/>
      </alp:SelectedSailing>
      <alp:InclusivePackageOption CruisePackageCode="CN07A074"/>
    </alp:SailingInfo>
  </alp:OTA_CruiseCategoryAvailRQ>
</cat:getCategoryList>
```

```

    <alp:SearchQualifiers>
      <alp:CabinAttributes>
        <alp:CabinAttribute CabinAttributeCode="4"/>
        <alp:CabinAttribute CabinAttributeCode="82"/>
      </alp:CabinAttributes>
    </alp:SearchQualifiers>
    <alp:SelectedFare FareCode="BESTRATE"/>
    <alp:SelectedFare FareCode="BVL"/>
  </alp:OTA_CruiseCategoryAvailRQ>
</cat:getCategoryList>
</soapenv:Body>
</soapenv:Envelope>

```

### 15.4.3.2 Sample Message Response – OTACruiseCategoryAvailRS

A list of categories are returned for the specified sailing.

```

<alpha:OTA_CruiseCategoryAvailRS MaxResponses="96" MoreDataEchoToken="0" MoreIndicator="false" SequenceNmbr="0"
Version="1.0">
  <alpha:Success/>
  <alpha:Warnings>
    <alpha:Warning ShortText="CSW0660" Type="12">PRICE IS BEST RATE BASED ON QUALIFIERS
    PROVIDED</alpha:Warning>
    <alpha:Warning Type="3"/>
  </alpha:Warnings>
  <alpha:SailingInfo>
    <alpha:SelectedSailing ListOfSailingDescriptionCode="6" Duration="P7N">
      <alpha:CruiseLine/>
      <alpha:Region RegionCode="CAE"/>
    </alpha:SelectedSailing>
    <alpha:InclusivePackageOption CruisePackageCode="AL07E161"/>
  </alpha:SailingInfo>
  <alpha:FareOption>
    <alpha:CategoryOptions>
      <alpha:CategoryOption CategoryLocation="Deluxe" PricedCategoryCode="RL" Status="36">
        <alpha:PriceInfos>
          <alpha:PriceInfo Amount="28720.00" NetAmount="28720.00"
NonRefundableType="1" PriceId="C0722532" PriceIdType="1" PromotionDescription="STANDARD" FareCode="C0722532">
            <alpha:PriceDescription>Standard</alpha:PriceDescription>
            <alpha:PriceBreakDowns Occupancy="2" Status="46">
              <alpha:PriceBreakDown AgeQualifyingCode="10"
Amount="14360.00" NCCFAmount="225.00" NetAmount="14360.00" RPH="1"/>
              <alpha:PriceBreakDown AgeQualifyingCode="10"
Amount="14360.00" NCCFAmount="225.00" NetAmount="14360.00" RPH="2"/>
            </alpha:PriceBreakDowns>
          </alpha:PriceInfo>
        </alpha:PriceInfos>
      </alpha:CategoryOption>
      <alpha:CategoryOption CategoryLocation="Deluxe" PricedCategoryCode="OL" Status="36">
        <alpha:PriceInfos>
          <alpha:PriceInfo Amount="28720.00" NetAmount="28720.00"
NonRefundableType="1" PriceId="C0722532" PriceIdType="1" PromotionDescription="STANDARD" FareCode="C0722532">
            <alpha:PriceDescription>Standard</alpha:PriceDescription>
            <alpha:PriceBreakDowns Occupancy="2" Status="46">
              <alpha:PriceBreakDown AgeQualifyingCode="10"
Amount="14360.00" NCCFAmount="225.00" NetAmount="14360.00" RPH="1"/>
              <alpha:PriceBreakDown AgeQualifyingCode="10"
Amount="14360.00" NCCFAmount="225.00" NetAmount="14360.00" RPH="2"/>
            </alpha:PriceBreakDowns>
          </alpha:PriceInfo>
        </alpha:PriceInfos>
      </alpha:CategoryOption>
      <alpha:CategoryOption CategoryLocation="Deluxe" PricedCategoryCode="OL" Status="36">
        <alpha:PriceInfos>
          <alpha:PriceInfo Amount="21578.00" NetAmount="21578.00"
NonRefundableType="1" PriceId="C0722532" PriceIdType="1" PromotionDescription="STANDARD" FareCode="C0722532">
            <alpha:PriceDescription>Standard</alpha:PriceDescription>
            <alpha:PriceBreakDowns Occupancy="2" Status="46">

```

```

                                <alpha:PriceBreakDown AgeQualifyingCode="10"
Amount="10789.00" NCCFAmount="225.00" NetAmount="10789.00" RPH="1"/>
                                <alpha:PriceBreakDown AgeQualifyingCode="10"
Amount="10789.00" NCCFAmount="225.00" NetAmount="10789.00" RPH="2"/>
                                </alpha:PriceBreakDowns>
                                </alpha:PriceInfo>
                                </alpha:PriceInfos>
                                .....
                                <alpha:CategoryOption CategoryLocation="Inside" PricedCategoryCode="Q" Status="36">
                                <alpha:PriceInfos>
                                <alpha:PriceInfo Amount="2196.00" NetAmount="2196.00"
NonRefundableType="1" PriceId="C0722532" PriceIdType="1" PromotionDescription="STANDARD" FareCode="C0722532">
                                <alpha:PriceDescription>Standard</alpha:PriceDescription>
                                <alpha:PriceBreakDowns Occupancy="2" Status="46">
                                <alpha:PriceBreakDown AgeQualifyingCode="10"
Amount="1098.00" NCCFAmount="225.00" NetAmount="1098.00" RPH="1"/>
                                <alpha:PriceBreakDown AgeQualifyingCode="10"
Amount="1098.00" NCCFAmount="225.00" NetAmount="1098.00" RPH="2"/>
                                </alpha:PriceBreakDowns>
                                </alpha:PriceInfo>
                                </alpha:PriceInfos>
                                <alpha:PriceInfos>
                                <alpha:PriceInfo Amount="2196.00" NetAmount="2196.00"
NonRefundableType="1" PriceId="C0722532" PriceIdType="1" PromotionDescription="STANDARD" FareCode="C0722532">
                                <alpha:PriceDescription>Standard</alpha:PriceDescription>
                                <alpha:PriceBreakDowns Occupancy="2" Status="46">
                                <alpha:PriceBreakDown AgeQualifyingCode="10"
Amount="1098.00" NCCFAmount="225.00" NetAmount="1098.00" RPH="1"/>
                                <alpha:PriceBreakDown AgeQualifyingCode="10"
Amount="1098.00" NCCFAmount="225.00" NetAmount="1098.00" RPH="2"/>
                                </alpha:PriceBreakDowns>
                                </alpha:PriceInfo>
                                </alpha:PriceInfos>
                                </alpha:CategoryOption>
                                </alpha:CategoryOptions>
                                </alpha:FareOption>
                                <alpha:Taxes>
                                <alpha:Tax Amount="110.66"/>
                                <alpha:Tax Amount="110.66"/>
                                <alpha:Tax Amount="110.66"/>
                                <alpha:Tax Amount="110.66"/>
                                </alpha:Taxes>
                                <alpha:Fee TaxInclusive="true">
                                <alpha:Taxes>
                                <alpha:Tax Amount="225.00"/>
                                <alpha:Tax Amount="225.00"/>
                                <alpha:Tax Amount="225.00"/>
                                <alpha:Tax Amount="225.00"/>
                                </alpha:Taxes>
                                </alpha:Fee>
                                </alpha:OTA_CruiseCategoryAvailRS>

```

## 15.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 15.6 Special Design Considerations

- In the request, status code in GuestTransportation is an OTA\_CodeType (Code List Name = Status). Refer to OTA\_CodeTypes appendix for more information.
- In the request, mode code in GuestTransportation is an OTA\_CodeType (Code List Name = Transportation Code). Refer to OTA\_CodeTypes appendix for more information.

- In the request, Guest Code is an OTA\_CodeType (Code List Name = TPA\_AQC). Refer to OTA\_CodeTypes appendix for more information.
- In the request, FareRestrictions is an OTA\_CodeType (Code List Name = TPA\_FAQ). Refer to OTA\_CodeTypes appendix for more information.
- In the response, status code in FareCodeOption/CategoryOptions/CategoryOption is an OTA\_CodeType (Code List Name = Status). Refer to OTA\_CodeTypes appendix for more information.
- In the response, priceTypeID is an OTA\_CodeType (Code List Name = Rate\_Type). Refer to OTA\_CodeTypes appendix for more information.
- In the response, DiscountType, PromotionClass, PromotionType is an OTA\_CodeType (Code List Name = Promotion\_Class and Promotion\_Type). Refer to OTA\_CodeTypes appendix for more information.

## 16. Cruise Cabin List Message

### 16.1 Functional Overview

The Cabin List Request message requests a list of available cabins for a selected category on a sailing. The sailing information is defined by the departure date and ship. The fare code and the berthed and priced category codes should be retained from the respective list message and provided as part of the Cabin List request.

It is also possible to retrieve only those cabins that are connected to another cabin or request availability status for a specific cabin.

The response message returns a list of cabins matching the specified criteria, and will provide the location, features and measurement information about the cabins. It will also provide information pertaining to connecting cabins and their availability.

#### 16.1.1 Additional Services

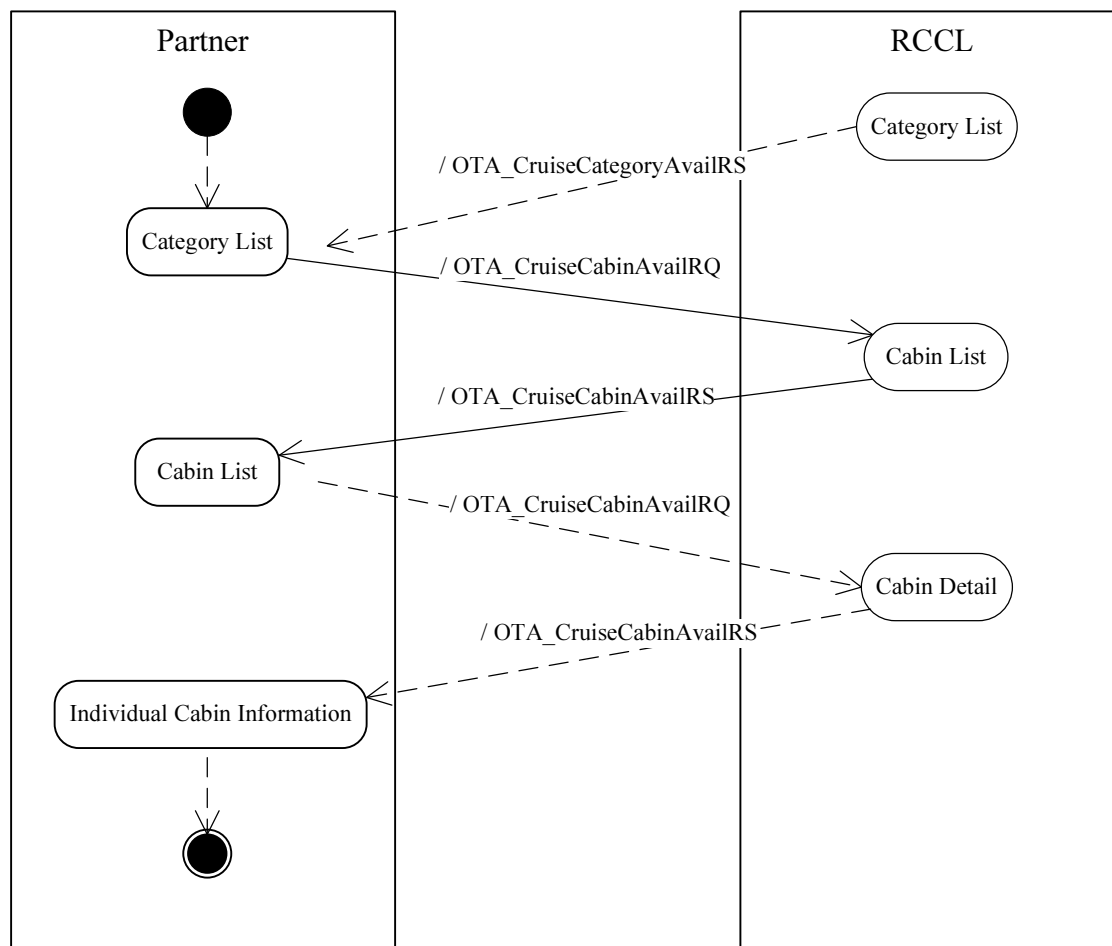
- Determines if the sailing is eligible for auto upgrades
- Validates the following:
  - Ship departure date
  - Fare category code
  - Currency code
  - Price program/promo code
  - Cabin number if supplied
- Checks air availability for the requested gateways
- Default system behavior is to automatically return cabins for auto-upgrades



- In case where an application does not want upgrades to be returned, it should pass the following as part of the request:  
/OTA\_CruiseCabinAvailRQ/SearchQualifiers/Status/[ @Status= 19]
- If auto upgrade is not in effect:
  - Validate the category / price code combination
  - Retrieves the cabin numbers
    - If the category is only waitlisted, it returns the OTA\_CodeType equivalent for waitlist
    - If the category is only guaranteed, it returns the Cabin number as “GTY”
    - If the category is available, it returns a list of the best available cabins based on:
      - Required cabin capacity for the number of guests in the booking,
      - Requested cabin attribute, if any,
      - Deck preference, if any.
  - Validate the waitlisted gateways
- If auto upgrade is in effect:
  - Determine which categories are available
  - Calculates how many cabins of each available category to return.  
The distribution is based on the maximum number of cabins that can be displayed divided by the number of categories that are available.
    - If their results are evenly divided, then an equivalent number of cabins are calculated for each category.
    - If the remainder is greater than the quotient, then the number of cabins calculated for the highest category is maximized and an equivalent number of cabins equal to the quotient are calculated for the remaining categories.
    - If the remainder is less or equal to the quotient, then the number of cabins calculated for the lowest category is minimized and an equivalent number of cabins equal to the quotient are calculated for the remaining categories.
    - If the number of cabins that can be returned is less than the number of available categories, then one cabin will be returned for each of the highest categories until the list is filled.
  - It retrieves the cabins for each category starting from the highest category to the lowest category.
  - In order to retrieve a list of connected cabins, the CabinAttributeCode should be provided in the request with a value of “4”.

- If any category does not have enough available cabins, the carry-over is added to the next lower category
- If no cabins are found (including guarantees) or the category is not available, the response contains an error message.
- Cabin availability will be returned based on the accessible stateroom qualifiers in the request. Partners may choose to opt out for the stateroom qualifiers. A mix of Accessible and non-accessible staterooms (top 3 accessible staterooms followed by non- accessible staterooms) will be returned in opt out scenario.
- Fire Zone Limit: Cabin Availability will be managed by limiting the berth capacity under the SOLAS (Safety Of Life At Sea) limits for a given ship.

## 16.2 Typical Process Flow



### 16.3 Schema Specification

The schemas for Cabin List request and response are OTA\_CruiseCabinAvailRQ and OTA\_CruiseCabinAvailRS. Our implementation is based on the OTA\_2007A schema specification.

#### 16.3.1 Cabin List Request

##### 16.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS (Point Of Sale)	POS_Type
Guest	GuestType
SailingInfo	SailingCategoryInfoType
SelectedFare	FareGroup (Uses)
SearchQualifiers	SearchQualifierType (Extends)

##### 16.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- SelectedCabin element inside SailingCategoryInfoType is ignored.
- DeckNumber is the only supported attribute in the SearchQualifierTypes.
- Cabin detailed description information is provided through a second request with cabin number populated.
- Package Code and Fare Code need to be provided when checking Cabin Availability

##### 16.3.1.3 Extensions

None

#### 16.3.2 Cabin List Response

##### 16.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingCategoryInfoType
SelectedFare	FareGroup (Uses)
CabinOptions	
CabinOptions/CabinOption	CabinOptionType
Information	ParagraphType
Errors	ErrorsType

### 16.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- ShipName attribute will not be provided in the SailingInfo/ SelectedSailing/ CruiseLine element
- The maximum number of cabins returned will be determined by business rules even though the schema allows the retrieval of up to 99 cabins.

### 16.3.2.3 Extensions

None

## 16.4 Message User Guide

### 16.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseCabinAvailRQ/@MaxResponses	Integer	2	Y
/OTA_CruiseCabinAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	8	Y
/OTA_CruiseCabinAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseCabinAvailRQ/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruiseCabinAvailRQ/SailingInfo/SelectedCategory[1]/CabinAttributes/CabinAttribute[1]/@CabinAttributeCode	String	2	N
count(/OTA_CruiseCabinAvailRQ/Guest)	Integer	7	N
/OTA_CruiseCabinAvailRQ/Guest[1-4]/@Age	Integer	2	N
/OTA_CruiseCabinAvailRQ/Guest[1]/GuestTransportation[1]/@Mode	Integer	2	Y
/OTA_CruiseCabinAvailRQ/Guest[1]/GuestTransportation[2]/@Mode	Integer	2	N
/OTA_CruiseCabinAvailRQ/Guest[2-4]/GuestTransportation[1-2]/@Mode	Integer	2	N
/OTA_CruiseCabinAvailRQ/Guest[1]/GuestTransportation[1]/@Status	Integer	2	Y
/OTA_CruiseCabinAvailRQ/Guest[1]/GuestTransportation[2]/@Status	Integer	2	N
/OTA_CruiseCabinAvailRQ/Guest[2-4]/GuestTransportation[1-2]/@Status	Integer	2	N
/OTA_CruiseCabinAvailRQ/Guest[1]/GuestTransportation[1-2]/GatewayCity/@LocationCode	String	3	Y
/OTA_CruiseCabinAvailRQ/Guest[2-4]/GuestTransportation[1-2]/GatewayCity/@LocationCode	String	3	N
/OTA_CruiseCabinAvailRQ/SearchQualifiers/@BerthedCategoryCode	String	2	Y
/OTA_CruiseCabinAvailRQ/SearchQualifiers/@FareCode	String	8	Y
/OTA_CruiseCabinAvailRQ/SearchQualifiers/@CabinNumber	String	5	N
/OTA_CruiseCabinAvailRQ/SearchQualifiers/@DeckNumber	String	2	N
/OTA_CruiseCabinAvailRQ/SearchQualifiers/ReservationID/@ID	Integer	7	N
/OTA_CruiseCabinAvailRQ/SearchQualifiers/Status/[@Status= 19    @Status=61]	Integer	2	N

### 16.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseCabinAvailRS/@MaxResponses	Integer	3	Y
/OTA_CruiseCabinAvailRS/@MoreIndicator	Boolean		Y
/OTA_CruiseCabinAvailRS/@MoreDatasEchoToken	String	128	N
/OTA_CruiseCabinAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseCabinAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseCabinAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseCabinAvailRS/Success	Node		N
/OTA_CruiseCabinAvailRS/SailingInfo/SelectedSailing/@Duration	String	4	N
/OTA_CruiseCabinAvailRS/SailingInfo/SelectedSailing/@Start	Date		N
/OTA_CruiseCabinAvailRS/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	N

/OTA_CruiseCabinAvailRS/SailingInfo/SelectedSailing/Region/@RegionCode	String	5	N
/OTA_CruiseCabinAvailRS/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruiseCabinAvailRS/SelectedFare/@FareCode	String	8	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/@CabinCategoryCode	String	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/@CabinNumber	String	5	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/@CabinRanking	Integer	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/@ConnectingCabinIndicator	Boolean		N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/@ConnectingCabinNumber	String	5	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/@DeckName	String	20	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/@DeckNumber	Integer	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/@MaxOccupancy	Integer	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/@PositionInShip	String	8	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/@Status	Integer	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/TPA_Extensions@ConnectingCabinStatusCode	Integer	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/CabinConfiguration[1-3]/@BedConfigurationCode	String	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/CabinConfiguration[1-3]/@TPA_ViewObstruction	String	5	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/MeasurementInfo/@Name	String	30	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/MeasurementInfo/@UnitOfMeasure	String	6	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/MeasurementInfo/@UnitOfMeasureQuantity	Integer	1	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/Remark	String	32	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption[1-50]/CabinFilters/CabinFilter[1-7]/@CabinFilterCode	Integer	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/TPA_Extensions/ConnectingCabinStatusCode	Integer	2	N

### 16.4.3 Use Case 1

John has decided to sail the Navigator of the Seas on August 2, 2009. He is requesting a list of available cabins in berthed category “L” and priced category “LAF”.

#### 16.4.3.1 Cabin List Request - OTA\_CruiseCabinAvailRQ.xml

```
<m:getCabinList xmlns:m="http://services.rccl.com/Interfaces/CabinList">
  <OTA_CruiseCabinAvailRQ MaxResponses="50" MoreDataEchoToken="01" RetransmissionIndicator="false"
    SequenceNmbr="1" TimeStamp="2008-11-25T10:08:12.204-05:00" TransactionIdentifier="106597" Version="1.0"
    xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
    ...
    </POS>
    <Guest Age="35">
      <GuestTransportation Mode="29" Status="36">
        <GatewayCity CodeContext="IATA" LocationCode="C/O"/>
      </GuestTransportation>
    </Guest>
    <Guest Age="32">
      <GuestTransportation Mode="29" Status="36">
        <GatewayCity CodeContext="IATA" LocationCode="C/O"/>
      </GuestTransportation>
    </Guest>
    <GuestCounts>
      <GuestCount Quantity="1"/>
      <GuestCount Quantity="1"/>
    </GuestCounts>
    <SailingInfo>
      <SelectedSailing Start="2009-08-02">
        <CruiseLine ShipCode="NV"/>
      </SelectedSailing>
    </SailingInfo>
    <SearchQualifiers BerthedCategoryCode="L" FareCode="LAF"/>
  </OTA_CruiseCabinAvailRQ>
</m:getCabinList>
```

```

    <SelectedFare/>
  </OTA_CruiseCabinAvailRQ>
</m:getCabinList>

```

### 16.4.3.2 Cabin List Response - OTA\_CruiseCabinAvailRS.xml

The response returns a list of available cabins that matched the input criteria.

```

<list:getCabinListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.rccl.com/Interfaces/CabinList">
  <alpha:OTA_CruiseCabinAvailRS MaxResponses="15" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:SailingInfo>
      <alpha:SelectedSailing Duration="P7N" Start="2009-08-02">
        <alpha:CruiseLine ShipCode="NV"/>
        <alpha:Region RegionCode="EMW"/>
      </alpha:SelectedSailing>
      <alpha:InclusivePackageOption CruisePackageCode="NV07M031"/>
    </alpha:SailingInfo>
    <alpha:SelectedFare FareCode="BRKA04"/>
    <alpha:CabinOptions>
      <alpha:CabinOption CabinCategoryCode="L" CabinNumber="1605" CabinRanking="5"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
        <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
        <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
        <alpha:Remark>SIINSIDE</alpha:Remark>
        <alpha:CabinFilters>
          <alpha:CabinFilter CabinFilterCode="86"/>
          <alpha:CabinFilter CabinFilterCode="7"/>
        </alpha:CabinFilters>
        <alpha:TPA_Extensions>
          <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
        </alpha:TPA_Extensions>
      </alpha:CabinOption>
      <alpha:CabinOption CabinCategoryCode="L" CabinNumber="1589" CabinRanking="6"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
        <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
        <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
        <alpha:Remark>SIINSIDE</alpha:Remark>
        <alpha:CabinFilters>
          <alpha:CabinFilter CabinFilterCode="86"/>
          <alpha:CabinFilter CabinFilterCode="7"/>
        </alpha:CabinFilters>
        <alpha:TPA_Extensions>
          <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
        </alpha:TPA_Extensions>
      </alpha:CabinOption>
      <alpha:CabinOption CabinCategoryCode="L" CabinNumber="1289" CabinRanking="7"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
        <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
        <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
        <alpha:Remark>SIINSIDE</alpha:Remark>
        <alpha:CabinFilters>
          <alpha:CabinFilter CabinFilterCode="86"/>

```

```
<alpha:CabinFilter CabinFilterCode="7"/>
</alpha:CabinFilter/>
</alpha:CabinFilters>
<alpha:TPA_Extensions>
  <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
</alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="L" CabinNumber="1587" CabinRanking="8"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
  <alpha:Remark>SIINSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="L" CabinNumber="1287" CabinRanking="9"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
  <alpha:Remark>SIINSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="L" CabinNumber="1585" CabinRanking="10"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
  <alpha:Remark>SIINSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="L" CabinNumber="1285" CabinRanking="11"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
  <alpha:Remark>SIINSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
```

```
</alpha:CabinFilters>
<alpha:TPA_Extensions>
  <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
</alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="L" CabinNumber="1583" CabinRanking="12"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
  <alpha:Remark>SIINSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="L" CabinNumber="1283" CabinRanking="13"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
  <alpha:Remark>SIINSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="L" CabinNumber="1581" CabinRanking="14"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
  <alpha:Remark>SIINSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="L" CabinNumber="1281" CabinRanking="15"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
  <alpha:Remark>SIINSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
```



```
<alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
</alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="L" CabinNumber="1579" CabinRanking="16"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
  <alpha:Remark>SIINSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
    </alpha:TPA_Extensions>
  </alpha:CabinOption>
  <alpha:CabinOption CabinCategoryCode="L" CabinNumber="1279" CabinRanking="17"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
  <alpha:Remark>SIINSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
    </alpha:TPA_Extensions>
  </alpha:CabinOption>
  <alpha:CabinOption CabinCategoryCode="L" CabinNumber="1577" CabinRanking="18"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
  <alpha:Remark>SIINSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
    </alpha:TPA_Extensions>
  </alpha:CabinOption>
  <alpha:CabinOption CabinCategoryCode="L" CabinNumber="1277" CabinRanking="19"
ConnectingCabinIndicator="false" DeckName="DECK TEN" DeckNumber="10" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="2"/>
  <alpha:Remark>SIINSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
    </alpha:TPA_Extensions>
  </alpha:CabinOption>
```

```

    </alpha:TPA_Extensions>
  </alpha:CabinOption>
</alpha:CabinOptions>
</alpha:OTA_CruiseCabinAvailRS>
</list:getCabinListResponse>

```

#### 16.4.4 Use Case 2

Jennifer is interested in finding out a list of connected cabins and accessible staterooms on the Rhapsody of the Seas for 13 Jan 2011 and sends the following request.

##### 16.4.4.1 Cabin List Request - OTA\_CruiseCabinAvailRQ.xml

```

<ns2:getCabinList xmlns:ns2="http://services.rccl.com/Interfaces/CabinList"
xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
  <OTA_CruiseCabinAvailRQ SequenceNmbr="1" Version="1.0" TimeStamp="2009-12-18T20:30:31.173-
06:00" MaxResponses="100">
    <POS>
      .....
    </POS>
    <Guest Age="35">
      <GuestTransportation Status="36" Mode="29">
        <GuestCity CodeContext="IATA" LocationCode="IAH"/>
        <GatewayCity CodeContext="IATA" LocationCode="C/O"/>
      </GuestTransportation>
    </Guest>
    <Guest Age="32">
      <GuestTransportation Status="36" Mode="29">
        <GuestCity CodeContext="IATA" LocationCode="IAH"/>
        <GatewayCity CodeContext="IATA" LocationCode="C/O"/>
      </GuestTransportation>
    </Guest>
    <GuestCounts>
      <GuestCount Quantity="2"/>
    </GuestCounts>
    <SailingInfo>
      <SelectedSailing Start="2011-01-13">
        <CruiseLine ShipCode="RH" VendorCode="RCC"/>
      </SelectedSailing>
      <InclusivePackageOption CruisePackageCode="RH14U12A"/>
      <SelectedCategory BerthedCategoryCode="H" FareCode="LAF" PricedCategoryCode="H"
WaitlistIndicator="false">
        <CabinAttributes>
          <CabinAttribute CabinAttributeCode="4"/>
          <CabinAttribute CabinAttributeCode="82"/>
        </CabinAttributes>
      </SelectedCategory>
    </SailingInfo>
    <SearchQualifiers BerthedCategoryCode="H" FareCode="TR2BA01"/>
    <SelectedFare/>
  </OTA_CruiseCabinAvailRQ>
</ns2:getCabinList>

```

##### 16.4.4.2 Cabin List Response - OTA\_CruiseCabinAvailRS.xml

The response returns a list of connected cabins.

```

<list:getCabinListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.rccl.com/Interfaces/CabinList">
  <alpha:OTA_CruiseCabinAvailRS MaxResponses="15" MoreIndicator="false" Version="1.0">

```

```

<alpha:Success/>
<alpha:Warnings>
  <alpha:Warning Type="3"/>
</alpha:Warnings>
<alpha:SailingInfo>
  <alpha:SelectedSailing Duration="P9N" Start="2011-01-13">
    <alpha:CruiseLine ShipCode="RH"/>
    <alpha:Region RegionCode=" AUS"/>
  </alpha:SelectedSailing>
  <alpha:InclusivePackageOption CruisePackageCode="RH14U12A"/>
</alpha:SailingInfo>
<alpha:SelectedFare FareCode="TR2BA01"/>
<alpha:CabinOptions>
  <alpha:CabinOption CabinCategoryCode="H" CabinNumber="3062" CabinRanking="62"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3064" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Midship" Status="36">
    <alpha:CabinConfiguration BedConfigurationCode="2C"/>
    <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
    <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
    <alpha:MeasurementInfo/>
    <alpha:Remark>LOOOUTSIDE</alpha:Remark>
    <alpha:CabinFilters>
      <alpha:CabinFilter CabinFilterCode="86"/>
      <alpha:CabinFilter CabinFilterCode="7"/>
      <alpha:CabinFilter CabinFilterCode="82"/>
      <alpha:CabinFilter/>
    </alpha:CabinFilters>
    <alpha:TPA_Extensions>
      <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
    </alpha:TPA_Extensions>
  </alpha:CabinOption>
  <alpha:CabinOption CabinCategoryCode="H" CabinNumber="3064" CabinRanking="63"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3062" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Midship" Status="36">
    <alpha:CabinConfiguration BedConfigurationCode="2C"/>
    <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
    <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
    <alpha:MeasurementInfo/>
    <alpha:Remark>LOOOUTSIDE</alpha:Remark>
    <alpha:CabinFilters>
      <alpha:CabinFilter CabinFilterCode="86"/>
      <alpha:CabinFilter CabinFilterCode="7"/>
      <alpha:CabinFilter CabinFilterCode="82"/>
      <alpha:CabinFilter/>
    </alpha:CabinFilters>
    <alpha:TPA_Extensions>
      <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
    </alpha:TPA_Extensions>
</alpha:CabinOption>
  <alpha:CabinOption CabinCategoryCode="H" CabinNumber="3562" CabinRanking="68"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3564" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Midship" Status="36">
    <alpha:CabinConfiguration BedConfigurationCode="2C"/>
    <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
    <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
    <alpha:MeasurementInfo/>
    <alpha:Remark>LOOOUTSIDE</alpha:Remark>
    <alpha:CabinFilters>
      <alpha:CabinFilter CabinFilterCode="86"/>
      <alpha:CabinFilter CabinFilterCode="7"/>
      <alpha:CabinFilter CabinFilterCode="82"/>
      <alpha:CabinFilter/>
    </alpha:CabinFilters>

```

```
<alpha:TPA_Extensions>
  <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
</alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="H" CabinNumber="3564" CabinRanking="69"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3562" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Midship" Status="36">
  <alpha:CabinConfiguration BedConfigurationCode="2C"/>
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
  <alpha:MeasurementInfo/>
  <alpha:Remark>LOOOUTSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="H" CabinNumber="3016" CabinRanking="657"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3018" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Forward" Status="36">
  <alpha:CabinConfiguration BedConfigurationCode="2C"/>
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
  <alpha:MeasurementInfo/>
  <alpha:Remark>LOOOUTSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter CabinFilterCode="82"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="H" CabinNumber="3018" CabinRanking="658"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3016" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Forward" Status="36">
  <alpha:CabinConfiguration BedConfigurationCode="2C"/>
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
  <alpha:MeasurementInfo/>
  <alpha:Remark>LOOOUTSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter CabinFilterCode="82"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="H" CabinNumber="3130" CabinRanking="669"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3132" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Aft" Status="36">
  <alpha:CabinConfiguration BedConfigurationCode="2C"/>
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
```

```
<alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
<alpha:MeasurementInfo/>
<alpha:Remark>LOOOUTSIDE</alpha:Remark>
<alpha:CabinFilters>
  <alpha:CabinFilter CabinFilterCode="86"/>
  <alpha:CabinFilter CabinFilterCode="7"/>
  <alpha:CabinFilter CabinFilterCode="82"/>
  <alpha:CabinFilter/>
</alpha:CabinFilters>
<alpha:TPA_Extensions>
  <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
</alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="H" CabinNumber="3132" CabinRanking="670"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3130" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Aft" Status="36">
  <alpha:CabinConfiguration BedConfigurationCode="2C"/>
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
  <alpha:MeasurementInfo/>
  <alpha:Remark>LOOOUTSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter CabinFilterCode="82"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="H" CabinNumber="3154" CabinRanking="671"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3156" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Aft" Status="36">
  <alpha:CabinConfiguration BedConfigurationCode="2C"/>
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
  <alpha:MeasurementInfo/>
  <alpha:Remark>LOOOUTSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter CabinFilterCode="82"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="H" CabinNumber="3156" CabinRanking="672"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3154" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Aft" Status="36">
  <alpha:CabinConfiguration BedConfigurationCode="2C"/>
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
  <alpha:MeasurementInfo/>
  <alpha:Remark>LOOOUTSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter CabinFilterCode="82"/>
    <alpha:CabinFilter/>
  </alpha:CabinFilters>
```

```
</alpha:CabinFilters>
<alpha:TPA_Extensions>
  <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
</alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="H" CabinNumber="3516" CabinRanking="673"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3518" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Forward" Status="36">
  <alpha:CabinConfiguration BedConfigurationCode="2C"/>
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
  <alpha:MeasurementInfo/>
  <alpha:Remark>LOOOUTSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter CabinFilterCode="82"/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="H" CabinNumber="3518" CabinRanking="674"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3516" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Forward" Status="36">
  <alpha:CabinConfiguration BedConfigurationCode="2C"/>
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
  <alpha:MeasurementInfo/>
  <alpha:Remark>LOOOUTSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter CabinFilterCode="82"/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="H" CabinNumber="3630" CabinRanking="685"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3632" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Aft" Status="36">
  <alpha:CabinConfiguration BedConfigurationCode="2C"/>
  <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
  <alpha:MeasurementInfo/>
  <alpha:Remark>LOOOUTSIDE</alpha:Remark>
  <alpha:CabinFilters>
    <alpha:CabinFilter CabinFilterCode="86"/>
    <alpha:CabinFilter CabinFilterCode="7"/>
    <alpha:CabinFilter CabinFilterCode="82"/>
  </alpha:CabinFilters>
  <alpha:TPA_Extensions>
    <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
  </alpha:TPA_Extensions>
</alpha:CabinOption>
<alpha:CabinOption CabinCategoryCode="H" CabinNumber="3632" CabinRanking="686"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3630" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Aft" Status="36">
  <alpha:CabinConfiguration BedConfigurationCode="2C"/>
```



```

    <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
    <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
    <alpha:MeasurementInfo/>
    <alpha:Remark>LOOOUTSIDE</alpha:Remark>
    <alpha:CabinFilters>
      <alpha:CabinFilter CabinFilterCode="86"/>
      <alpha:CabinFilter CabinFilterCode="7"/>
      <alpha:CabinFilter CabinFilterCode="82"/>
    </alpha:CabinFilter/>
    </alpha:CabinFilters>
    <alpha:TPA_Extensions>
      <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
    </alpha:TPA_Extensions>
  </alpha:CabinOption>
  <alpha:CabinOption CabinCategoryCode="H" CabinNumber="3654" CabinRanking="687"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3656" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Aft" Status="36">
    <alpha:CabinConfiguration BedConfigurationCode="2C"/>
    <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
    <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
    <alpha:MeasurementInfo/>
    <alpha:Remark>LOOOUTSIDE</alpha:Remark>
    <alpha:CabinFilters>
      <alpha:CabinFilter CabinFilterCode="86"/>
      <alpha:CabinFilter CabinFilterCode="7"/>
      <alpha:CabinFilter CabinFilterCode="82"/>
    </alpha:CabinFilter/>
    </alpha:CabinFilters>
    <alpha:TPA_Extensions>
      <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
    </alpha:TPA_Extensions>
  </alpha:CabinOption>
</alpha:CabinOptions>
</alpha:OTA_CruiseCabinAvailRS>
</list:getCabinListResponse>

```

### 16.4.5 Use Case 3

Jennifer is interested in cabin 3654 on the Rhapsody of the Seas for 13 Jan 2011 and wants to ensure availability and sends the following request.

#### 16.4.5.1 Cabin List Request - OTA\_CruiseCabinAvailRQ.xml

```

<ns2:getCabinList xmlns:ns2="http://services.rccl.com/Interfaces/CabinList"
xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
  <OTA_CruiseCabinAvailRQ SequenceNmbr="1" Version="1.0" TimeStamp="2009-12-18T20:30:31.173-
06:00" MaxResponses="100">
    <POS>
      .....
    </POS>
    <Guest Age="35">
      <GuestTransportation Status="36" Mode="29">
        <GuestCity CodeContext="IATA" LocationCode="IAH"/>
        <GatewayCity CodeContext="IATA" LocationCode="C/O"/>
      </GuestTransportation>
    </Guest>
    <Guest Age="32">
      <GuestTransportation Status="36" Mode="29">
        <GuestCity CodeContext="IATA" LocationCode="IAH"/>
        <GatewayCity CodeContext="IATA" LocationCode="C/O"/>
      </GuestTransportation>
    </Guest>
  </OTA_CruiseCabinAvailRQ>
</ns2:getCabinList>

```

```

</Guest>
<GuestCounts>
  <GuestCount Quantity="2"/>
</GuestCounts>
<SailingInfo>
  <SelectedSailing Start="2011-01-13">
    <CruiseLine ShipCode="RH" VendorCode="RCC"/>
  </SelectedSailing>
  <InclusivePackageOption CruisePackageCode="RH14U12A"/>
  <SelectedCategory BerthedCategoryCode="H" FareCode="LAF" PricedCategoryCode="H"
WaitlistIndicator="false">

    </SelectedCategory>
  </SailingInfo>
  <SearchQualifiers CabinNumber="3654" BerthedCategoryCode="H" FareCode="TR2BA01"/>
  <SelectedFare/>
</OTA_CruiseCabinAvailRQ>
</ns2:getCabinList>

```

### 16.4.5.2 Cabin List Response - OTA\_CruiseCabinAvailRS.xml

```

<list:getCabinListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.rccl.com/Interfaces/CabinList">
  <alpha:OTA_CruiseCabinAvailRS MaxResponses="1" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:SailingInfo>
      <alpha:SelectedSailing Duration="P9N" Start="2011-01-13">
        <alpha:CruiseLine ShipCode="RH"/>
        <alpha:Region RegionCode=" AUS"/>
      </alpha:SelectedSailing>
      <alpha:InclusivePackageOption CruisePackageCode="RH14U12A"/>
    </alpha:SailingInfo>
    <alpha:SelectedFare FareCode="TR2BA01"/>
    <alpha:CabinOptions>
      <alpha:CabinOption CabinCategoryCode="H" CabinNumber="3654" CabinRanking="687"
ConnectingCabinIndicator="true" ConnectingCabinNumber="3656" DeckName="DECK THREE"
DeckNumber="AD" MaxOccupancy="2" PositionInShip="Aft" Status="36">
        <alpha:CabinConfiguration BedConfigurationCode="2C"/>
        <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
        <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
        <alpha:MeasurementInfo/>
        <alpha:Remark>LOOUTSIDE</alpha:Remark>
        <alpha:CabinFilters>
          <alpha:CabinFilter CabinFilterCode="86"/>
          <alpha:CabinFilter CabinFilterCode="7"/>
          <alpha:CabinFilter/>
        </alpha:CabinFilters>
        <alpha:TPA_Extensions>
          <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode>
          </alpha:TPA_Extensions>
        </alpha:CabinOption>
      </alpha:CabinOptions>
    </alpha:OTA_CruiseCabinAvailRS>
  </list:getCabinListResponse>

```



## **16.5 Error Handling**

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## **16.6 Special Design Considerations**

- In the request schema, the search qualifier type is locally extended within this message schema to support filtering of cabin options by deck.
- Cabin status is an OTA\_CodeType. Refer to OTA\_CodeTypes appendix for more information.
- Cabin filter is an OTA\_CodeType. Refer to OTA\_CodeTypes appendix for more information.
- Bed type is an OTA\_CodeType. Refer to OTA\_CodeTypes appendix for more information.

## 17. Cabin Detail Message

### 17.1 Functional Overview

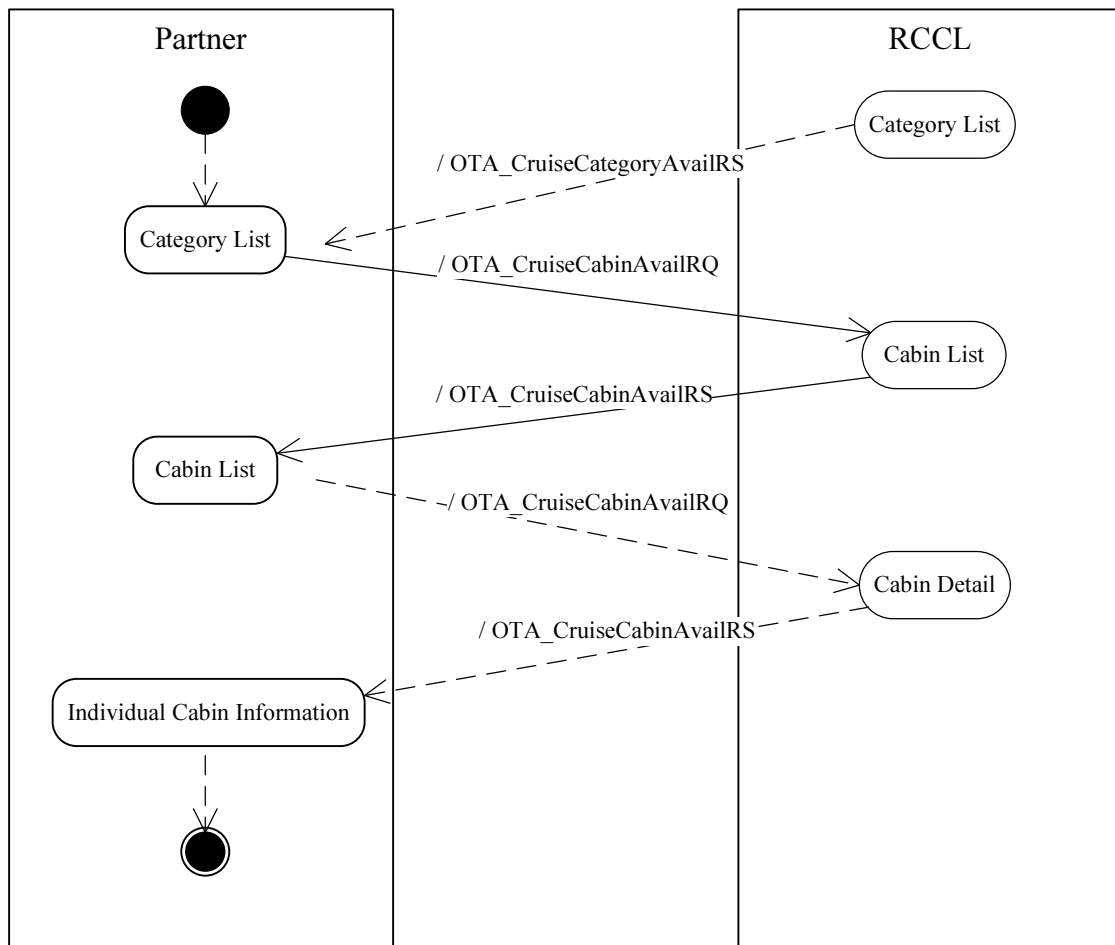
The Cabin Detail Request message requests the location, features and measurement information about a cabin.

This transaction returns detailed information about a selected cabin. Unlike other “detail” transaction responses, the information in this response is not returned in free form text but as specific values for an extensive list of cabin attributes (i.e. - Cabin Location In or Out, Bed Type, Cabin Capacity, etc.).

#### 17.1.1 Additional Services

None

### 17.2 Typical Process Flow



### 17.3 Schema Specification

The schemas for Cabin Detail request and response are OTA\_CruiseCabinAvailRQ and OTA\_CruiseCabinAvailRS. Our implementation is based on the OTA\_2007A schema specification.

#### 17.3.1 Cabin Detail Request

##### 17.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS (Point Of Sale)	POS_Type
Guest	GuestType
SailingInfo	SailingCategoryInfoType
SelectedFare	FareGroup (Uses)
SearchQualifiers	SearchQualifierType (Extends)

##### 17.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

##### 17.3.1.3 Extensions

None

#### 17.3.2 Cabin Detail Response

##### 17.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingCategoryInfoType
SelectedFare	FareGroup (Uses)
CabinOptions	
CabinOptions/CabinOption	CabinOptionType
Information	ParagraphType
Errors	ErrorsType

##### 17.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

##### 17.3.2.3 Extensions

- /OTA\_CruiseCabinAvailRS/CabinOptions/CabinOption/TPA\_Extensions/Cabin Type for category code

- /OTA\_CruiseCabinAvailRS/CabinOptions/CabinOption/TPA\_Extensions/CabinDescription for category name

## 17.4 Message User Guide

### 17.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseCabinAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseCabinAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruiseCabinAvailRQ/SailingInfo/SelectedCategory/SelectedCabin/@CabinNumber	Integer	5	Y

### 17.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseCabinAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseCabinAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseCabinAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseCabinAvailRS/Success	Node		N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/@CabinNumber	String	5	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/@CabinCategoryCode	String	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/@DeckName	String	20	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/@ConnectingCabinIndicator	Boolean		N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/@ConnectingCabinNumber	String	5	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/@DeckNumber	Integer	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/@MaxOccupancy	Integer	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/@PositionInShip	String	8	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/@Status	Integer	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/CabinConfiguration[1-2]/@BedConfigurationCode	String	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/MeasurementInfo[1-7]/@Name	String	30	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/MeasurementInfo[1-7]/@UnitOfMeasure	String	6	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/MeasurementInfo[1-7]/@UnitOfMeasureQuantity	Integer	1	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/MeasurementInfo[1-7]/@DimensionInfo	String	12	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/Remark	String	400	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/CabinFilters/CabinFilter[1-14]/@CabinFilterCode	Integer	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/TPA_Extensions/CabinType	String	2	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/TPA_Extensions/CabinDescription	String	30	N
/OTA_CruiseCabinAvailRS/CabinOptions/CabinOption/TPA_Extensions/ConnectingCabinStatusCode	Integer	2	N

### 17.4.3 Use Case

John wants to view the cabin details for Independence of the Seas cabin 9642 for his sailing on 2008-11-23.

### 17.4.4 Cabin Detail Request - OTA\_CruiseCabinAvailRQ.xml

```
<m:getCabinDetail xmlns:m="http://services.rccl.com/Interfaces/CabinDetail">
  <OTA_CruiseCabinAvailRQ RetransmissionIndicator="false" SequenceNmbr="1" TimeStamp="2008-05-
23T13:45:23.361-04:00" TransactionIdentifier="123456" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
```

```

<GuestCounts>
  <GuestCount/>
</GuestCounts>
<SailingInfo>
  <SelectedSailing Start="2008-11-23">
    <CruiseLine ShipCode="ID"/>
  </SelectedSailing>
  <SelectedCategory>
    <SelectedCabin CabinNumber="9642" Status="0"/>
  </SelectedCategory>
</SailingInfo>
<SelectedFare/>
</OTA_CruiseCabinAvailRQ>
</m:getCabinDetail>

```

## 17.4.5 Cabin Detail Response - OTA\_CruiseCabinAvailRS.xml

The response returns the details pertaining to the selected cabin.

```

<detail:getCabinDetailResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:detail="http://services.rccl.com/Interfaces/CabinDetail">
  <alpha:OTA_CruiseCabinAvailRS Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:SailingInfo/>
    <alpha:SelectedFare/>
    <alpha:CabinOptions>
      <alpha:CabinOption CabinCategoryCode="D2" CabinNumber="0" DeckName="DECK NINE"
DeckNumber="09" MaxOccupancy="2" PositionInShip="Midship" Status="41">
        <alpha:CabinConfiguration BedConfigurationCode="2C"/>
        <alpha:MeasurementInfo Name="Number of Berths in Cabin" UnitOfMeasureQuantity="2"/>
        <alpha:MeasurementInfo Name="Number of Berths in use" UnitOfMeasureQuantity="2"/>
        <alpha:MeasurementInfo Name="Number of Upper Berths available" UnitOfMeasureQuantity="0"/>
        <alpha:MeasurementInfo Code="13" Name="Cabin Area" UnitOfMeasure="Square feet"
UnitOfMeasureQuantity="214"/>
        <alpha:MeasurementInfo/>
        <alpha:MeasurementInfo Code="7" DimensionInfo="20'0" X 7'5"" Name="Cabin Dimensions"
UnitOfMeasure="Feet"/>
        <alpha:MeasurementInfo Code="13" DimensionInfo="6X6FT" Name="Cabin Window Size"
UnitOfMeasure="Feet"/>
        <alpha:Remark>The color scheme for the cabin is: NUTRL. The cabin contains following furniture items:
TWO TWIN BEDS (CONVERTS TO QUEEN), PRIVATE BATHROOM W/SHOWER, SITTING AREA, BLOW
DRYER, SOFA, VANITY, PRIVATE BALCONY, , REFRIGERATOR, , DRY MINI BAR,</alpha:Remark>
        <alpha:CabinFilters>
          <alpha:CabinFilter CabinFilterCode="13"/>
          <alpha:CabinFilter CabinFilterCode="18"/>
          <alpha:CabinFilter CabinFilterCode="1"/>
          <alpha:CabinFilter CabinFilterCode="20"/>
          <alpha:CabinFilter CabinFilterCode="67"/>
          <alpha:CabinFilter CabinFilterCode="66"/>
          <alpha:CabinFilter CabinFilterCode="68"/>
          <alpha:CabinFilter CabinFilterCode="7"/>
          <alpha:CabinFilter CabinFilterCode="101"/>
        </alpha:CabinFilters>
        <alpha:TPA_Extensions>
          <alpha:CabinType>OS</alpha:CabinType>
          <alpha:CabinDescription>Superior Oceanview Stateroom</alpha:CabinDescription>
          <alpha:ConnectingCabinStatusCode>42</alpha:ConnectingCabinStatusCode> <!-- refer to "STS" OTA
Code for status values -->
        </alpha:TPA_Extensions>
      </alpha:CabinOption>
    </alpha:CabinOptions>
  </alpha:OTA_CruiseCabinAvailRS>
</detail:getCabinDetailResponse>

```

```
</alpha:CabinOption>  
</alpha:CabinOptions>  
</alpha:OTA_CruiseCabinAvailRS>  
</detail:getCabinDetailResponse>
```

## **17.5 Error Handling**

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## **17.6 Special Design Considerations**

- In the request schema, the search qualifier type is locally extended within this message schema to support filtering of cabin options by deck.
- Cabin status is an OTA\_CodeType. Refer to OTA\_CodeTypes appendix for more information.
- Cabin filter is an OTA\_CodeType. Refer to OTA\_CodeTypes appendix for more information.
- Bed type is an OTA\_CodeType. Refer to OTA\_CodeTypes appendix for more information.

## 18. Cruise Cabin Hold Message

### 18.1 Functional Overview

The Cruise Cabin Hold request message instructs the RCL reservations system to put a temporary hold on selected cabin(s) for a short time interval. Interval is currently set for fifteen minutes. This allows the user time to gather additional information which is required to complete the booking without concern for losing the cabin. The sailing is identified by the ship and departure date. RCL currently allows up to four cabins to be held at a time.

The response message indicates the status of each cabin for which a hold is requested and RCL trip protection recommendation. It is conceivable in the case of a request containing multiple cabins, that the status might be different for one or more cabins. If the cabin hold request was successful, the response will indicate the time when the cabin will be automatically released back into inventory as well as which data elements are required to complete the booking.

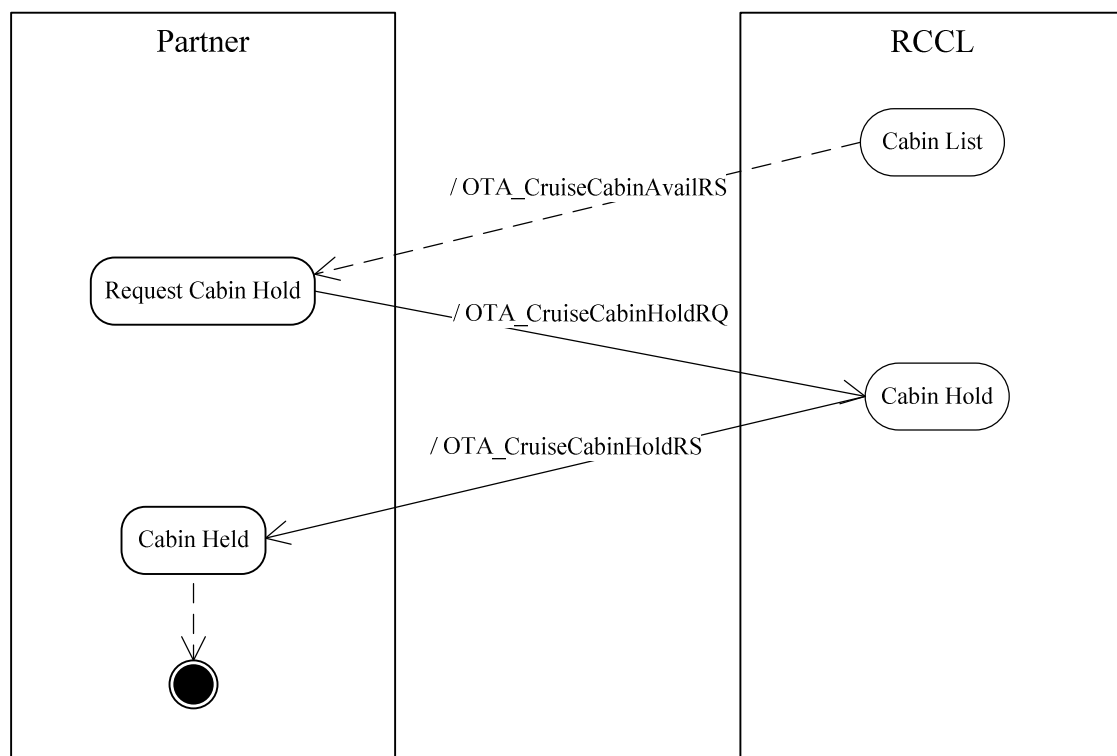
RCL strongly recommends the use of the Cabin Release message when the agent no longer requires a previously held set of cabins and before attempting to hold a new set of cabins with the Cabin Hold message.

#### 18.1.1 Transaction Services

- Checks to make sure that the sailing exists.
- Checks to make sure that the category is still available.
- Checks the availability of Guaranteed cabins.
- Checks if cabin requested when only guarantees are allowed.
- Checks availability of triple and quad bookings for the category.
- Checks if booking a single or double into a triple or quad cabin is allowed.
- Checks to see if number of guest in booking exceeds the cabin capacity.
- Checks for valid upgrades.
- Can hold up to 4 cabins in the same berthed category.
- On a hold
  - Is it a valid cabin
  - Is cabin still available
  - Holds cabin for 15 minutes (current setting for RCL)

- Note: This message no longer returns dining seating status
- Returns information on whether the addition of pre-paid gratuities needs to be enforced by API Partners.
- Mandatory Prepaid Gratuities indicator will be returned in the response for sailings and market. The two possible values are “A” – Automated and “M”- Mandatory.
- Accessible stateroom qualifiers will be accepted in the request to identify the customer request for accessible/non-accessible staterooms. Cabins requested will be validated against the qualifier received. Partners may choose to opt out for this qualifier.
- Cabins can be held for group booking process.
  - Can hold cabins from general inventory when creating/amending Groups and Group Bookings.
  - Can hold cabins from Groups allocated inventory when creating/amending Group bookings.

## 18.2 Typical Process Flow





### 18.3 Schema Specification

The schemas for Cruise Cabin Hold request and response are OTA\_CruiseCabinHoldRQ and OTA\_CruiseCabinHoldRS. Our implementation is based on the OTA\_2007A schema specification.

#### 18.3.1 Cruise Cabin Hold Request

##### 18.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS (Point Of Sale)	POS_Type
Guest	GuestType
SearchQualifiers	SearchQualifierType ( Extends)

##### 18.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- RCL allows up to four cabins from a single sailing even though the schema allows cabins from up to three sailings to be held simultaneously. All four cabins must be of the same cabin category for the same sailing.
- RCL allows a maximum of four guests for which a cabin can be held for a single request even though the schema allows up to nine guests
- RCL will ignore both currency parameters, both the currency OTA\_CruiseCabinHoldRQ/Currency element and the ISOCurrency element in the POS structure.

##### 18.3.1.3 Extensions

- None

#### 18.3.2 Cruise Cabin Hold Response

##### 18.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

### 18.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

### 18.3.2.3 Extensions

- None

## 18.4 Message User Guide

### 18.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseCabinHoldRQ/GuestCounts/GuestCount[1-4]/@Quantity	Integer	1	Y
/OTA_CruiseCabinHoldRQ/Guest[1-4]/@Age	Integer	2	N
/OTA_CruiseCabinHoldRQ/SelectedSailing[1]/@Start	Date		Y
/OTA_CruiseCabinHoldRQ/SelectedSailing[1]/@ShipCode	String	2	Y
/OTA_CruiseCabinHoldRQ/SelectedSailing[1]/SelectedCategory/@PricedCategoryCode	String	2	Y
/OTA_CruiseCabinHoldRQ/SelectedSailing[1]/SelectedFare/@FareCode	String	8	Y
/OTA_CruiseCabinHoldRQ/SelectedSailing[1]/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruiseCabinHoldRQ/SelectedSailing[1]/SelectedCategory/@BerthedCategoryCode	String	2	N
/OTA_CruiseCabinHoldRQ/SelectedSailing[1]/SelectedCategory/CabinAttributes/CabinAttribute/@CabinAttributeCode	String	2	N
/OTA_CruiseCabinHoldRQ/SelectedSailing[1]/SelectedCategory/SelectedCabin[1]/@CabinNumber	Integer	5	Y
/OTA_CruiseCabinHoldRQ/SelectedSailing[1]/SelectedCategory/SelectedCabin[2-4]/@CabinNumber	Integer	5	N
/OTA_CruiseCabinHoldRQ/SearchQualifiers/ReservationID/@ID	Integer	7	N
/OTA_CruiseCabinHoldRQ/SearchQualifiers/ReservationID/@Type	Integer	2	N

### 18.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseCabinHoldRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseCabinHoldRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseCabinHoldRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseCabinHoldRS/Success	Node		N
/OTA_CruiseCabinHoldRS/SelectedSailing/SelectedCabin[1-4]/@CabinNumber	String	5	N
/OTA_CruiseCabinHoldRS/SelectedSailing/SelectedCabin[1-4]/@HeldIndicator	Boolean		N
/OTA_CruiseCabinHoldRS/SelectedSailing/SelectedCabin[1-4]/@ReleaseDateTime	Datetime		N
/OTA_CruiseCabinHoldRS/SelectedSailing/SelectedCabin[1-4]/CabinFilters/CabinFilter/@CabinFilterCode	String	2	N
/OTA_CruiseCabinHoldRS/SelectedSailing/Insurance/@InsuranceCode	String	5	N
/OTA_CruiseCabinHoldRS/SelectedSailing/Insurance/@Status	Integer	2	N
/OTA_CruiseCabinHoldRS/SelectedSailing/Information/@Name	String	4	N
/OTA_CruiseCabinHoldRS/SelectedSailing/Information/Text	String	1	N

### 18.4.3 Use Case

John wants to hold cabin 1589 on the Freedom of the Seas sailing on 2009-08-16. Cabin is in category L.

#### 18.4.3.1 Sample Message Request – OTA\_CruiseCabinHoldRQ

```
<hol:holdCabin xmlns:hol="http://services.rccl.com/Interfaces/HoldCabin">
```

```

<alp:OTA_CruiseCabinHoldRQ Version="1" SequenceNmbr="1" TimeStamp="2008-12-30T18:30:42.720+05:30"
xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
  <POS>
    ...
  </POS>
  <GuestCounts>
    <GuestCount Quantity="2"/>
  </GuestCounts>
  <SelectedSailing Start="2009-08-16" ShipCode="FR">
    <SelectedFare FareCode="FIT"/>
    <SelectedCategory PricedCategoryCode="L">
      <SelectedCabin CabinNumber="1589"/>
    </SelectedCategory>
    <InclusivePackageOption CruisePackageCode="FR07W032"/>
  </SelectedSailing>
  <SearchQualifiers/>
</OTA_CruiseCabinHoldRQ>
</hol:holdCabin>

```

### 18.4.3.2 Sample Message Response – OTA\_CruiseCabinHoldRS

The cabin is held and the response is returned with the status of the hold.  
The response also indicates that the addition of pre paid gratuities to the booking needs to be enforced by the API Partner.

```

<cabin:holdCabinResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:cabin="http://services.rccl.com/Interfaces/HoldCabin">
  <alpha:OTA_CruiseCabinHoldRS Version="1.0">
    <alpha:Success/>
    <alpha:SelectedSailing>
      <alpha:SelectedCabin CabinNumber="1589" HeldIndicator="true" ReleaseDateTime="2009-02-
25T13:32:28.0Z" Status="48">
        <alpha:CabinFilters>
          <alpha:CabinFilter CabinFilterCode="82">
          </alpha:CabinFilter>
        </alpha:CabinFilters>
      </alpha:SelectedCabin>
      <alpha:Insurance InsuranceCode="CRCR" Status="62"/>
      <alpha:Information Name="PPGR">
        <alpha:Text>A</alpha:Text>
      </alpha:Information>
    </alpha:SelectedSailing>
  </alpha:OTA_CruiseCabinHoldRS>
</cabin:holdCabinResponse>

```

In the case where the selected cabin was not available for hold, this would be the corresponding response:

```

<cabin:holdCabinResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:cabin="http://services.rccl.com/Interfaces/HoldCabin">
  <alpha:OTA_CruiseCabinHoldRS Version="1.0">
    <alpha:Success/>
    <alpha:SelectedSailing>
      <alpha:SelectedCabin CabinNumber="1589" Status="51"/>
      <alpha:Insurance InsuranceCode="CRCR" Status="62"/>
    </alpha:SelectedSailing>
  </alpha:OTA_CruiseCabinHoldRS>
</cabin:holdCabinResponse>

```

#### 18.4.4 Use Case 2

John is in the process creating a group booking reservation within the group ID 23066. He is selecting the cabin 1589 from category L and issuing a cabin hold.

##### 18.4.4.1 Sample Message Request – OTA\_CruiseCabinHoldRQ

```
<hol:holdCabin xmlns:hol="http://services.rccl.com/Interfaces/HoldCabin">
  <alp:OTA_CruiseCabinHoldRQ Version="1" SequenceNmbr="1" TimeStamp="2008-12-30T18:30:42.720+05:30"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <GuestCounts>
      <GuestCount Quantity="2"/>
    </GuestCounts>
    <SelectedSailing Start="2009-08-16" ShipCode="FR">
      <SelectedFare FareCode="FIT"/>
      <SelectedCategory PricedCategoryCode="L">
        <SelectedCabin CabinNumber="1589"/>
      </SelectedCategory>
      <InclusivePackageOption CruisePackageCode="FR07W032"/>
    </SelectedSailing>
    <SearchQualifiers>
      <ReservationID Type = "9" ID = "23066"/>
    </SearchQualifiers>
  </OTA_CruiseCabinHoldRQ>
</hol:holdCabin>
```

#### 18.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

#### 18.6 Special Design Considerations

- Cabin status is an OTA\_CodeType (Code List Name = Status). Refer to OTA\_CodeTypes appendix for more information.

## 19. Cruise Cabin Release Message

### 19.1 Functional Overview

The Cruise Cabin Release request message is used to release a hold that was previously placed on a cabin or cabins and send back into the available inventory.

The response message indicates the status for the cabin in the request. If unsuccessful, a warning or advisory message is returned.

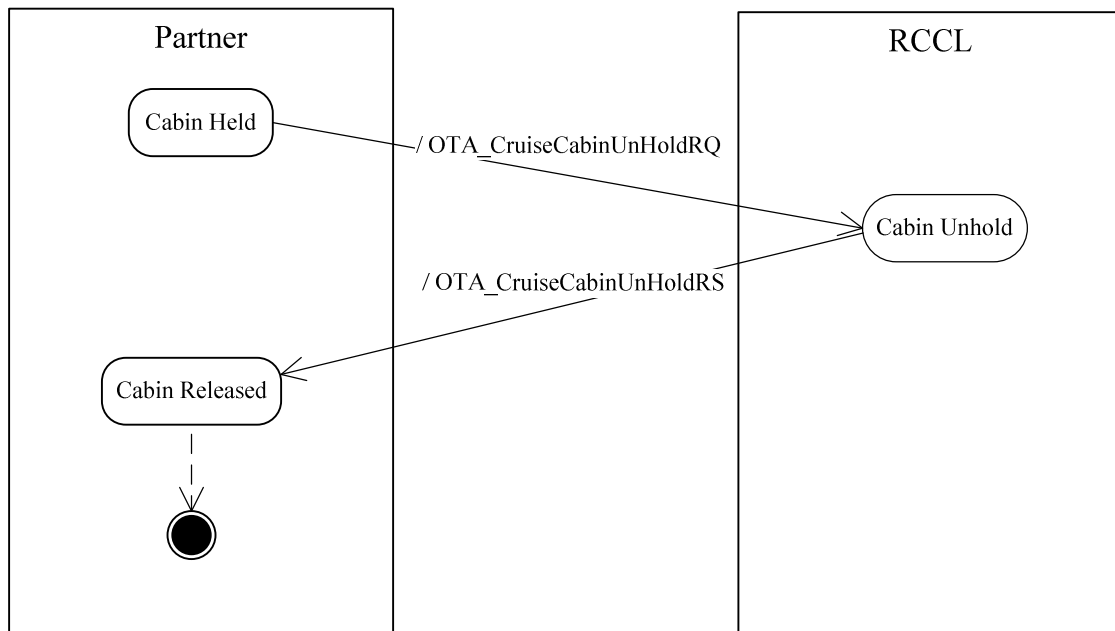
*Group Reservations:*

- Cabin(s) held from general inventory will be released back to the available inventory.
- Cabin(s) held from groups pre-allocated inventory will be released back to group inventory allocation.

#### 19.1.1 Transaction Services

- Immediately releases cabin held via a previous OTA\_CruiseCabinHold message.

### 19.2 Typical Process Flow



### 19.3 Schema Specification

The schemas for Cruise Cabin Release request and response are OTA\_CruiseCabinUnholdRQ and OTA\_CruiseCabinUnholdRS. Our implementation is based on the OTA\_2007A schema specification.

#### 19.3.1 Cruise Cabin Release Request

##### 19.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS (Point Of Sale)	POS_Type

##### 19.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- RCL allows only one occurrence of SelectedSailing even though the schema supports up to three

##### 19.3.1.3 Extensions

None

#### 19.3.2 Cruise Cabin Release Response

##### 19.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

##### 19.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Only the status is sent in the response. Nothing is sent in the SelectedSailing element

##### 19.3.2.3 Extensions

None

### 19.4 Message User Guide

#### 19.4.1 Request Parameters

Field	Data Type	Type Size	Required
-------	-----------	-----------	----------

/OTA_CruiseCabinUnholdRQ/SelectedSailing/@Start	Date		Y
/OTA_CruiseCabinUnholdRQ/SelectedSailing/@ShipCode	String	2	Y
/OTA_CruiseCabinUnholdRQ/SelectedSailing/SelectedCabin[1]/@CabinNumber	Integer	5	Y
/OTA_CruiseCabinUnholdRQ/SelectedSailing/SelectedCabin[2-4]/@CabinNumber	Integer	5	N

## 19.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseCabinUnholdRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseCabinUnholdRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseCabinUnholdRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseCabinUnholdRS/Success	Node		N
/OTA_CruiseCabinUnholdRS/SelectedSailing/SelectedCabin[1-4]/@CabinNumber	String	5	N
/OTA_CruiseCabinUnholdRS/SelectedSailing/SelectedCabin[1-4]/@Status	Integer	2	N

## 19.4.3 Use Case

John changes his mind about cabin 1589 and decides to release it back to the available inventory.

### 19.4.3.1 Sample Message Request – OTA\_CruiseCabinUnholdRQ

```
<hol:releaseCabin xmlns:hol="http://services.rccl.com/Interfaces/ReleaseCabin">
  <OTA_CruiseCabinUnholdRQ Version="1" SequenceNmbr="1" TimeStamp="2008-12-30T18:30:42.720+05:30"
    xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <SelectedSailing Start="2009-08-16" ShipCode="FR">
      <SelectedCabin CabinNumber="1589"/>
    </SelectedSailing>
  </OTA_CruiseCabinUnholdRQ>
</hol:releaseCabin>
```

### 19.4.3.2 Sample Message Response – OTA\_CruiseCabinUnholdRS

The cabin is released and a response below is returned:

```
<cabin:releaseCabinResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
  xmlns:cabin="http://services.rccl.com/Interfaces/ReleaseCabin">
  <alpha:OTA_CruiseCabinUnholdRS Version="1.0">
    <alpha:Success/>
    <alpha:SelectedSailing>
      <alpha:SelectedCabin CabinNumber="1589" Status="48"/>
    </alpha:SelectedSailing>
  </alpha:OTA_CruiseCabinUnholdRS>
</cabin:releaseCabinResponse>
```

## 19.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 19.6 Special Design Considerations

None

## 20. Cruise Fare List Message

### 20.1 Functional Overview

This transaction returns a list of the promotional programs that are applicable to a selected ship, sail date, and other guest requirements.

The Fare List Request message requests a listing of available fares for a selected RCL sailing. The ship and departure date identifies the sailing. The guest count structure is used to communicate the number of guests that will be sailing. Although Guest Transportation information is optional, in normal practice it is advisable to enter the mode of transportation and gateway city because some fares have restrictions based on transportation.

The response message returns a list of all fares and promotions, including agency specific restricted fares, for which the traveler qualifies based upon the criteria provided. Additionally, it returns the taxes and fees applicable for the given sailing.

#### 20.1.1 Transaction Services

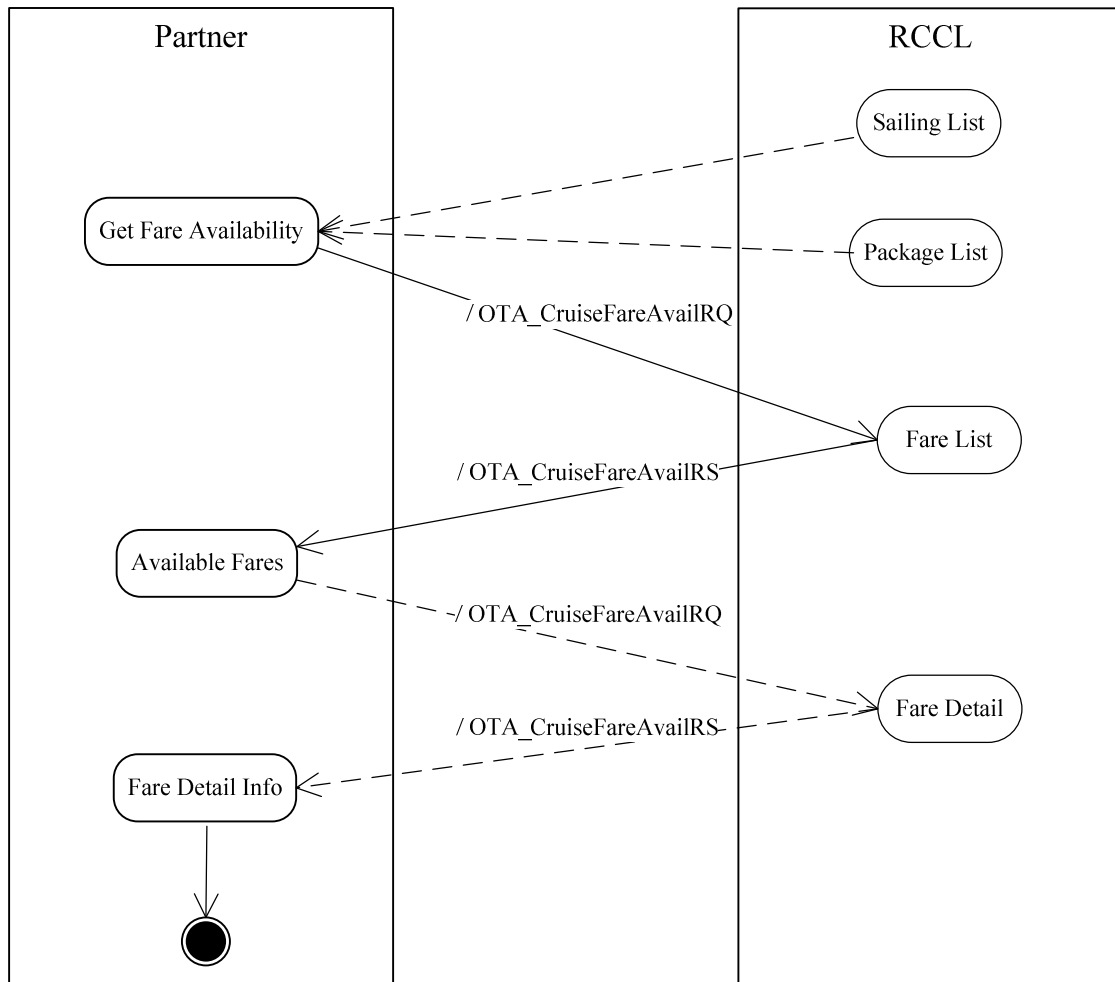
- Only returns promos that are compatible with each guests' air city when provided
- Only returns promos that are compatible with the selected package when provided
- When a package is associated with a promotional program, it checks the availability of the components of that package.
- If package ID is not included in the request, the "Just a Cruise" (JAC) default package ID for the ship and departure date will be used to retrieve the details.
- Number of occurrences of guest node is used as the occupancy
- GuestTransportation/@Mode needs to be set to 29 for C/O bookings. It needs to be set to 14 for Air. If set to 14, then GatewayCity is required
- Even though CruisePackageCode is optional for JAC packages, it is required for cruisetours/ non-JAC packages
- Returns only effective fare codes when the /OTA\_CruiseFareAvailRQ/SearchQualifiers/Status/@Status attribute is provided. Response will include closed fare codes when Status node not included as part of the request.



- Returns Prices and promotions specific to Groups and Group Reservations as well.
- **Pricing and Promotions**
  - Additional Guest Level promotional qualifiers will be accepted. Based on the input qualifiers the system will return the eligible list of promotion codes.
  - The list of promotion codes would include the literal 'BESTRATE', 'BVL'-BestValue, base price definitions, and promotions.
  - Lowest Available Fare (LAF) is now referred as BESTRATE.
  - Promotion combinability information can be requested by setting "IncludeCombinability" flag in the request.
  - All promotions will be returned in the response with the flag indicating the eligibility based on the input promotional qualifiers.
  - Loyalty and Coupon code based promotions will be returned only when valid Guest level qualifiers are set.
- **Non-Refundable Promotions**
  - Promotions can be classified as Refundable, Non-Refundable Deposit and Non-Refundable Full Fare types.
  - Every promotion returned in the response will have Refundability type indicator.
    - 1 - "No Restrictions - Refundable"
    - 2 - "Non-Refundable - Deposit"
    - 3 - "Non-Refundable - Full Fare"
  - Refundable and Non-Refundable types will be included in the response by default. Non-Refundable types can be excluded from the response by explicitly setting the "IncludeNonRefundablePromos" Indicator to "No".

<TPA\_FareType IncludeNonRefundablePromos="No"/>

## 20.2 Typical Process Flow



## 20.3 Schema Specification

The schemas for Cruise Fare List request and response are OTA\_CruiseFareAvailRQ and OTA\_CruiseFareAvailRS. Our implementation is based on the OTA\_2007A schema specification.

### 20.3.1 Cruise Fare List Request

#### 20.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS (Point of Sale)	POS_Type
Guest	GuestType
SailingInfo	SailingInfoType
SearchQualifiers	SailingSearchQualifierType

### 20.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

### 20.3.1.3 Extensions

None

## 20.3.2 Cruise Fare List Response

### 20.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingType
FareCodeOptions/FareCodeOption	FareCodeOptionType
Errors	ErrorsType

### 20.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

### 20.3.2.3 Extensions

- Added /OTA\_CruiseFareAvailRS/TPA\_Extensions/Taxes/Tax and /OTA\_CruiseFareAvailRS/TPA\_Extensions/Taxes/Fee/Taxes/Tax for taxes and fees applicable for the given sailing

## 20.4 Message User Guide

### 20.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseFareAvailRQ/@MoreDataEchoToken	String	27	N
/OTA_CruiseFareAvailRQ/@MaxResponses	Integer	3	Y
/OTA_CruiseFareAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruiseFareAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseFareAvailRQ/Guest[1-4]/@Code	String	2	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/@Age	String	3	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/@LoyaltyMembershipID	String	9	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/GuestTransportation[1-2]/@Mode	Integer	2	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/GuestTransportation[1-2]/@Status	Integer	2	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/GuestTransportation[1-2]/GatewayCity/@LocationCode	String	3	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/Address/StateProv/@StateCode	String	2	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/FareQualifiers[0-5]/@FareRestriction	String	1	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/SelectedOffers[0-1]/@PromotionCode	String	16	N
/OTA_CruiseFareAvailRQ/SearchQualifiers/ReservationID/@ID	Integer	7	N
/OTA_CruiseFareAvailRQ/SearchQualifiers/ReservationID/@ID_Context	Integer	7	N
/OTA_CruiseFareAvailRQ/SearchQualifiers/ReservationID/@Type	Integer	2	N
/OTA_CruiseFareAvailRQ/SearchQualifiers/Status/@Status	Integer	2	N

/OTA_CruiseFareAvailRQ/TPA_Extensions/TPA_FareQualifiers/TPA_FareType/@IncludeCombinability	YesNoType		N
/OTA_CruiseFareAvailRQ/TPA_Extensions/TPA_FareQualifiers/TPA_FareType/@IncludeNonRefundablePromos	YesNoType		N

## 20.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseFareAvailRS/@MaxResponses	Integer	3	Y
/OTA_CruisePkgAvailRS/@MoreIndicator	Boolean		Y
/OTA_CruisePkgAvailRS/@MoreDatasEchoToken	String	128	N
/OTA_CruiseFareAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseFareAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseFareAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseFareAvailRS/Success	Node		N
/OTA_CruiseFareAvailRS/SailingInfo/SelectedSailing/@Start	Date		N
/OTA_CruiseFareAvailRS/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	N
/OTA_CruiseFareAvailRS/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@FareCode	String	8	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@FareDescription	String	45	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@Status	Integer	2	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@ListOffFareQualifierCode	String	1	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@DiscountTypes	String	1	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@PromoPercentage	String	14	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@PromotionClass	String	2	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@PromotionTypes	String	2	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@PromotionEligibility	String	3	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@FaceCurrency	String	3	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@FaceValueType	String	1	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@ValueAddAmount	String	14	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@NonRefundableType	OTA_CodeType		N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/FareRemark	String	40	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/FareBreakDowns/FareBreakDown[0-10]/@PromotionCode	String	16	N
/OTA_CruiseFareAvailRS/TPA_Extensions/Taxes/Tax[1-4]/@Amount	String	14	N
/OTA_CruiseFareAvailRS/TPA_Extensions/Fee/Taxes/Tax[1-4]/@Amount	String	14	N

## 20.4.3 Use Case 1

John and a guest decided to sail on the Allure of the Seas on 2014-01-12, package AL07W114. One guest will be coming from New York and the other from Los Angeles. Since the request includes the //SearchQualifiers/Status/@Status structure, only active fare codes will be returned.

### 20.4.3.1 Sample Message Request – OTA\_CruiseFareAvailRQ

```
<m:getFareList xmlns:m="http://services.rccl.com/Interfaces/FareList">
  <OTA_CruiseFareAvailRQ MaxResponses="150" RetransmissionIndicator="false" SequenceNmbr="1"
  TimeStamp="2008-12-18T12:46:25.861-05:00" TransactionIdentifier="106597" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <Guest>
      <GuestTransportation Mode="14" Status="36">
        <GatewayCity LocationCode="JFK"/>
      </GuestTransportation>
    </Guest>
  </OTA_CruiseFareAvailRQ>
</m:getFareList>
```

```

</GuestTransportation>
</Guest>
<Guest>
  <GuestTransportation Mode="14" Status="36">
    <GatewayCity LocationCode="LAX"/>
  </GuestTransportation>
</Guest>
<GuestCounts>
  <GuestCount Quantity="1"/>
  <GuestCount Quantity="1"/>
</GuestCounts>
<SailingInfo>
  <SelectedSailing Start="2014-01-12">
    <CruiseLine ShipCode="AL"/>
  </SelectedSailing>
  <InclusivePackageOption CruisePackageCode="AL07W114"/>
</SailingInfo>
<SearchQualifiers>
  <Status Status="36"/>
</SearchQualifiers>
</OTA_CruiseFareAvailRQ>
</m:getFareList>

```

### 20.4.3.2 Sample Message Response - OTACruiseFareAvailRS

The response message returns a list of fares (both available and not available) with the fare descriptions, remarks and eligibility indicator detailing possible restrictions on the fare code.

```

<list:getFareListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
  xmlns:list="http://services.rccl.com/Interfaces/FareList">
  <alpha:OTA_CruiseFareAvailRS MaxResponses="3" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:SailingInfo>
      <alpha:SelectedSailing Start="2014-01-12">
        <alpha:CruiseLine ShipCode="AL"/>
      </alpha:SelectedSailing>
      <alpha:InclusivePackageOption CruisePackageCode="AL07W114"/>
    </alpha:SailingInfo>
    <alpha:FareCodeOptions>
      <alpha:FareCodeOption FareCode="BESTRATE" FareDescription="Best Rate" Status="36"
        PromotionEligibility="Yes">
        <alpha:FareRemark>Restrictions May Apply</alpha:FareRemark>
      </alpha:FareCodeOption>
      <alpha:FareCodeOption FareCode=" 00184934" FareDescription=" BROCHURE RATE" Status="36"
        PromotionEligibility="Yes">
        <alpha:FareRemark> BROCHURE RATE FR 11214</alpha:FareRemark>
      </alpha:FareCodeOption>
      <alpha:FareCodeOption FareCode=" A1782819" FareDescription=" STANDARD" Status="36"
        PromotionEligibility="Yes">
        <alpha:FareRemark> STANDARD</alpha:FareRemark>
      </alpha:FareCodeOption>
      <alpha:FareCodeOption FareCode=" A0000185" FareDescription=" Resident Disc" Status="36"
        PromotionEligibility="No">
        <alpha:FareRemark> Resident Disc - FL</alpha:FareRemark>
      </alpha:FareCodeOption>
      <alpha:FareCodeOption FareCode=" A1874256" FareDescription=" WOW Sale" Status="36"
        PromotionEligibility="No">
        <alpha:FareRemark> December 2013 WOW Sale - 6-9 night sailings</alpha:FareRemark>
      </alpha:FareCodeOption>
    </alpha:FareCodeOptions>
  </alpha:OTA_CruiseFareAvailRS>
</list:getFareListResponse>

```

```

<alpha:TPA_Extensions>
  <alpha:Taxes>
    <alpha:Tax Amount="126.40"/>
    <alpha:Tax Amount="138.77"/>
  </alpha:Taxes>
  <alpha:Fee>
    <alpha:Taxes>
      <alpha:Tax Amount="159.00"/>
      <alpha:Tax Amount="159.00"/>
    </alpha:Taxes>
  </alpha:Fee>
</alpha:TPA_Extensions>
</alpha:OTA_CruiseFareAvailRS>
</list:getFareListResponse>

```

## 20.4.4 Use Case 2

John and a guest decided to sail on the Allure of the Seas on 2014-01-12, package AL07W114. Both guests are Cruise only and all possible promotional qualifiers are set in the request. Combinability information is also requested. Since the request includes the //SearchQualifiers/Status/@Status structure, only active fare codes/Promotions will be returned.

### 20.4.4.1 Sample Message Request – OTA\_CruiseFareAvailRQ

```

<m:getFareList xmlns:m="http://services.rccl.com/Interfaces/FareList">
  <OTA_CruiseFareAvailRQ MaxResponses="150" RetransmissionIndicator="false" SequenceNmbr="1"
  TimeStamp="2008-12-18T12:46:25.861-05:00" TransactionIdentifier="106597" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <Guest Code="10" Age="50" LoyaltyMembershipID="1234567" >
      <GuestTransportation Mode="29" Status="36">
        <GatewayCity LocationCode="C/O"/>
      </GuestTransportation>
      <Address>
        <StateProv StateCode="FL"/>
      </Address>
      <FareQualifiers FareRestriction="2"/>
      <SelectedOffers PromotionCode="Coupon123"/>
    </Guest>
    <Guest>
      <GuestTransportation Mode="29" Status="36">
        <GatewayCity LocationCode="C/O"/>
      </GuestTransportation>
    </Guest>
    <GuestCounts>
      <GuestCount Quantity="1"/>
      <GuestCount Quantity="1"/>
    </GuestCounts>
    <SailingInfo>
      <SelectedSailing Start="2018-01-02">
        <CruiseLine ShipCode="MA"/>
      </SelectedSailing>
      <InclusivePackageOption CruisePackageCode="MA03I093"/>
    </SailingInfo>
    <SearchQualifiers>
      <Status Status="36"/>
    </SearchQualifiers>
    <TPA_Extensions>

```

```

    <TPA_FareQualifiers>
      <TPA_FareType IncludeCombinability="Yes" IncludeNonRefundablePromos="Yes"/>
    </TPA_FareQualifiers>
  </TPA_Extensions>
</OTA_CruiseFareAvailRQ>
</m:getFareList>

```

#### 20.4.4.2 Sample Message Response - OTACruiseFareAvailRS

The response message returns a list of fares (both available and not available) with the fare descriptions, remarks and eligibility indicator detailing possible restrictions on the fare code.

```

<list:getFareListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
  xmlns:list="http://services.rccl.com/Interfaces/FareList">
  <alpha:OTA_CruiseFareAvailRS MaxResponses="34" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:SailingInfo>
      <alpha:SelectedSailing ListOfSailingDescriptionCode="6" Duration="P3N" Start="2018-01-02">
        <alpha:CruiseLine ShipCode="MA"/>
      </alpha:SelectedSailing>
      <alpha:InclusivePackageOption CruisePackageCode="MA03I093"/>
    </alpha:SailingInfo>
    <alpha:FareCodeOptions>
      <alpha:FareCodeOption FareCode="BESTRATE" FareDescription="Best Rate" Status="36"
        PromotionEligibility="Yes">
        <alpha:FareRemark>Restrictions May Apply</alpha:FareRemark>
      </alpha:FareCodeOption>
      <alpha:FareCodeOption FareCode="BVL" FareDescription="Best Value" Status="36" PromotionEligibility="Yes">
        <alpha:FareRemark>Restrictions May Apply</alpha:FareRemark>
      </alpha:FareCodeOption>
      <alpha:FareCodeOption FareCode="B5726899" FareDescription="STANDARD" Status="36"
        PromotionEligibility="Yes">
        <alpha:FareRemark>STANDARD</alpha:FareRemark>
      </alpha:FareCodeOption>
      <alpha:FareCodeOption FareCode="C4399955" FareDescription="WOW Sale" ListOfFareQualifierCode="4"
        Status="36" DiscountTypes="3" FaceCurrency="USD" FaceValueType="1" NonRefundableType="1" PromotionClass="1"
        PromotionEligibility="Yes" PromotionTypes="81" ValueAddAmount="25.00">
        <alpha:FareRemark>5 nights or less $50 obc per stateroom</alpha:FareRemark>
        <alpha:FareBreakDowns>
          <alpha:FareBreakDown PromotionCode="C4282240"/>
        </alpha:FareBreakDowns>
      </alpha:FareCodeOption>
      <alpha:FareCodeOption FareCode="C4282240" FareDescription="BOGO60" ListOfFareQualifierCode="4"
        Status="36" DiscountTypes="1" NonRefundableType="1" PromoPercentage="60.00" PromotionClass="1"
        PromotionEligibility="Yes" PromotionTypes="64">
        <alpha:FareRemark>BOGO60</alpha:FareRemark>
        <alpha:FareBreakDowns>
          <alpha:FareBreakDown PromotionCode="C4399955"/>
        </alpha:FareBreakDowns>
      </alpha:FareCodeOption>
    </alpha:TPA_Extensions>
    <alpha:Taxes>
      <alpha:Tax Amount="41.26"/>
    </alpha:Taxes>
    <alpha:Fee>
      <alpha:Taxes>
        <alpha:Tax Amount="80.00"/>
      </alpha:Taxes>
    </alpha:Fee>
  </alpha:TPA_Extensions>
</alpha:OTA_CruiseFareAvailRS>
</list:getFareListResponse>

```

## 20.4.5 Use Case 3

Fare list inquiry for group reservations.

### 20.4.5.1 Sample Message Request – OTA\_CruiseFareAvailRQ

```
<m:getFareList xmlns:m="http://services.rccl.com/Interfaces/FareList">
  <OTA_CruiseFareAvailRQ MaxResponses="150" RetransmissionIndicator="false" SequenceNmbr="1"
  TimeStamp="2008-12-18T12:46:25.861-05:00" TransactionIdentifier="106597" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <Guest Code="10" Age="50" LoyaltyMembershipID="1234567" >
      <GuestTransportation Mode="29" Status="36">
        <GatewayCity LocationCode="C/O"/>
      </GuestTransportation>
      <Address>
        <StateProv StateCode="FL"/>
      </Address>
      <FareQualifiers FareRestriction="2"/>
      <SelectedOffers PromotionCode="Coupon123"/>
    </Guest>
    <Guest>
      <GuestTransportation Mode="29" Status="36">
        <GatewayCity LocationCode="C/O"/>
      </GuestTransportation>
    </Guest>
    <GuestCounts>
      <GuestCount Quantity="1"/>
      <GuestCount Quantity="1"/>
    </GuestCounts>
    <SailingInfo>
      <SelectedSailing Start="2014-01-12">
        <CruiseLine ShipCode="AL"/>
      </SelectedSailing>
      <InclusivePackageOption CruisePackageCode="AL07W114"/>
    </SailingInfo>
    <SearchQualifiers>
      <ReservationID ID_Context="{GroupID}" ID="{GroupBookingID}" Type="9"/>
      <Status Status="36"/>
    </SearchQualifiers>
  </OTA_CruiseFareAvailRQ>
</m:getFareList>
```

## 20.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 20.6 Special Design Considerations

- Status code in FareCodeOption element is an OTA\_CodeType (Code List Name = Status). Refer to OTA\_CodeTypes appendix for more information.
- Discount types in FareCodeOption element is an OTA\_CodeType (Code List Name = Discount\_Type). Refer to OTA\_CodeTypes appendix for more information.



- Promotion Class in FareCodeOption element is an OTA\_CodeType (Code List Name = Promotion\_Class). Refer to OTA\_CodeTypes appendix for more information.
- Promotion Type in FareCodeOption element is an OTA\_CodeType (Code List Name = Promotion\_Type). Refer to OTA\_CodeTypes appendix for more information.
- ValueAddType in FareCodeOption element is an OTA\_CodeType (Code List Name = Offer\_Type). Refer to OTA\_CodeTypes appendix for more information.
- NonRefundableType in FareCodeOption element is an OTA\_CodeType (Code List Name = TPA\_NRP). Refer to OTA\_CodeTypes appendix for more information.

## 21. Cruise Fare Detail Message

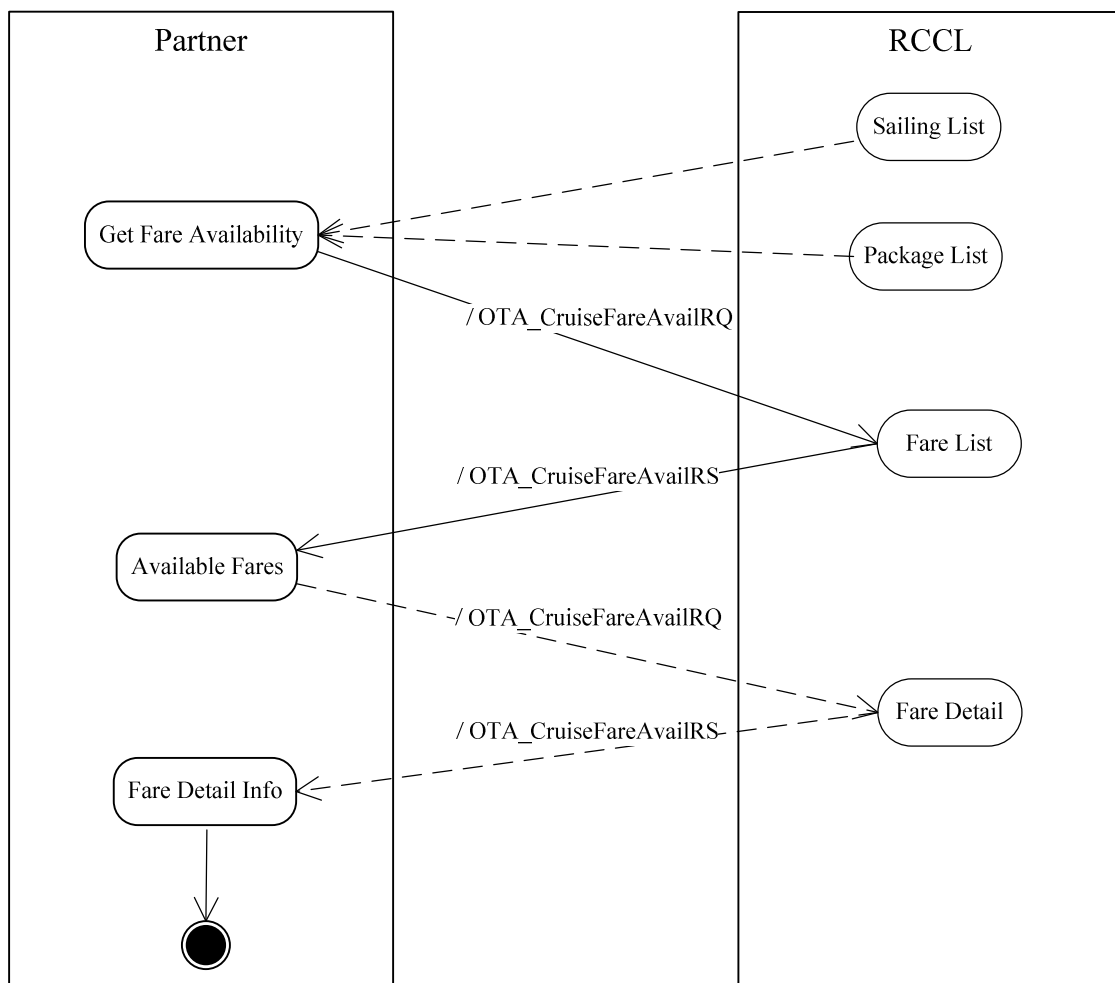
### 21.1 Functional Overview

This transaction returns the description, expiration date, rules, restrictions and other associated details of a selected price program in free form text format.

#### 21.1.1 Transaction Services

- Returns all details pertaining to a fare code including restrictions and fare rules.

### 21.2 Typical Process Flow



## 21.3 Schema Specification

The schemas for Cruise Fare Detail request and response are OTA\_CruiseFareAvailRQ and OTA\_CruiseFareAvailRS. Our implementation is based on the OTA\_2007A schema specification.

### 21.3.1 Cruise Fare Detail Request

#### 21.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS (Point of Sale)	POS_Type
Guest	GuestType
SailingInfo	SailingInfoType
SearchQualifiers	SailingSearchQualifierType

#### 21.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 21.3.1.3 Extensions

None

### 21.3.2 Cruise Fare Detail Response

#### 21.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingType
FareCodeOptions/FareCodeOption	FareCodeOptionType
Errors	ErrorsType

#### 21.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Response will not include the alternate currency list.
- Response will not include SailingInfo node.

#### 21.3.2.3 Extensions

None

## 21.4 Message User Guide

### 21.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseFareAvailRQ/@MoreDataEchoToken	Integer	2	N
/OTA_CruiseFareAvailRQ/@MaxResponses	Integer	3	Y
/OTA_CruiseFareAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruiseFareAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseFareAvailRQ/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruiseFareAvailRQ/SearchQualifiers/@FareCode	String	8	Y

### 21.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseFareAvailRS/@MaxResponses	Integer	3	Y
/OTA_CruiseFareAvailRS/@MoreIndicator	Boolean		Y
/OTA_CruiseFareAvailRS/@MoreDataEchoToken	String	128	N
/OTA_CruiseFareAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseFareAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseFareAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseFareAvailRS/Success	Node		N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-99]/@FareDescription	String	45	N

### 21.4.3 Use Case

John decided to sail on the Royal Caribbean International ship Liberty of the Seas for a sailing on 2008-07-05 and has chosen a fare. He wants to find out additional details pertaining to the fare code.

#### 21.4.3.1 Sample Message Request – OTA\_CruiseFareAvailRQ

```
<m:getFareDetail xmlns:m="http://services.rccl.com/Interfaces/FareDetail">
  <OTA_CruiseFareAvailRQ MaxResponses="150" RetransmissionIndicator="false" SequenceNmbr="1"
  TimeStamp="2008-12-18T12:46:25.861-05:00" TransactionIdentifier="106597" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <GuestCounts>
      <GuestCount Quantity="1"/>
    </GuestCounts>
    <SailingInfo>
      <SelectedSailing Start="2017-06-18">
        <CruiseLine ShipCode="OA"/>
      </SelectedSailing>
      </InclusivePackageOption CruisePackageCode="OA07E154" >
    </SailingInfo>
    <SearchQualifiers FareCode="B5956844"/>
  </OTA_CruiseFareAvailRQ>
</m:getFareDetail>
```

#### 21.4.3.2 Sample Message Response - OTACruiseFareAvailRS

The response message returns the list of eligibility rules and restrictions associated with the fare code.

```

<de:getFareDetailResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:de="http://services.rccl.com/Interfaces/FareDetail">
<alpha:OTA_CruiseFareAvailRS MaxResponses="34" MoreIndicator="false" Version="1.0">
  <alpha:Success/>
  <alpha:Warnings>
    <alpha:Warning Type="3"/>
  </alpha:Warnings>
  <alpha:FareCodeOptions>
    <alpha:FareCodeOption FareDescription="PRICE CODE - B5956844"/>
    <alpha:FareCodeOption FareDescription="PROMO ID - TA Fmly Friend"/>
    <alpha:FareCodeOption FareDescription="DESCRIPTION - TA Family Friend Discount"/>
    <alpha:FareCodeOption FareDescription="OFFERED FROM - 04/27/16"/>
    <alpha:FareCodeOption FareDescription="ELIGIBILITY - GUEST 1 Y 2 Y 3 N 4 N 5+ N Sgl N Child N Infant N"/>
    <alpha:FareCodeOption FareDescription="AGENCY RESTRICTION - NO"/>
    <alpha:FareCodeOption FareDescription="ALLOW BOOKINGS TO BE CONVERTED - NO"/>
    <alpha:FareCodeOption FareDescription="BASED ON PRICE TYPE - STANDARD"/>
    <alpha:FareCodeOption FareDescription="REFUNDABLE"/>
    <alpha:FareCodeOption FareDescription="BOOKING CHANNEL RESTRICTION - YES"/>
    <alpha:FareCodeOption FareDescription="BOOKING CHANNEL ID - GC GA AP TB CD RZ ES ER CM PI AI
AC"/>
    <alpha:FareCodeOption FareDescription="PROMOTION COMMISSIONABLE - YES"/>
    <alpha:FareCodeOption FareDescription="COUNTRY RESTRICTION - YES"/>
    <alpha:FareCodeOption FareDescription="COUNTRY CODE - USA CAN"/>
    <alpha:FareCodeOption FareDescription="BOOKING VALID FOR BOTH CRUISE AND AIR/SEA BOOKINGS"/>
    <alpha:FareCodeOption FareDescription="PROMOTION DEEP DISCOUNT - YES"/>
    <alpha:FareCodeOption FareDescription="ELIGIBLE FOR GAP - NO"/>
    <alpha:FareCodeOption FareDescription="ELIGIBLE FOR TC - NO"/>
    <alpha:FareCodeOption FareDescription="GATEWAY RESTRICTION - NO"/>
    <alpha:FareCodeOption FareDescription="GUEST AGE RESTRICTION - NO"/>
    <alpha:FareCodeOption FareDescription="INCLUDE IN BEST RATE - No"/>
    <alpha:FareCodeOption FareDescription="LOYALTY TIER RESTRICTION - NO"/>
    <alpha:FareCodeOption FareDescription="SINGLE SUPPLEMENT - 150.00%"/>
    <alpha:FareCodeOption FareDescription="SINGLE SUPPLEMENT NCCF - 150.00%"/>
    <alpha:FareCodeOption FareDescription="OFFICE RESTRICTION - NO"/>
    <alpha:FareCodeOption FareDescription="PACKAGE CODE RESTRICTION - NO"/>
    <alpha:FareCodeOption FareDescription="PUBLIC SERVICE CODE RESTRICTION - NO"/>
    <alpha:FareCodeOption FareDescription="RATE CATEGORY RESTRICTION - NO"/>
    <alpha:FareCodeOption FareDescription="RESIDENT STATE/PROVINCE RESTRICTION - NO"/>
    <alpha:FareCodeOption FareDescription="OCCUPANCY RESTRICTION - NO"/>
  </alpha:FareCodeOptions>
</alpha:OTA_CruiseFareAvailRS>
</de:getFareDetailResponse>

```

## 21.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 21.6 Special Design Considerations

- Status code in FareCodeOption element is an OTA\_CodeType (Code List Name = Status). Refer to OTA\_CodeTypes appendix for more information.

## 22. Cruise Booking Price Message

### 22.1 Functional Overview

The Cruise Booking Price request message requests the pricing for all components of a booking. All of the components to be purchased must be included in the Cruise Booking Price request. This includes the sailing by using either the booking id or the ship and sail date, the priced and berthed category, the fare code, the gateway, the pre and/or post land packages, special services, bus transfers, inclusive packages, insurance, and available dining sitting.

The response message returns the pricing breakdown by component for both the booking and each guest. In addition to this, this message returns an accurate and comprehensive breakdown of the prices, commission amounts and commission percentages by guest for each component in a booking.

In amend mode, the client must provide the existing passenger ids for the given booking so that the repricing can take place within the pricing rules at booking creation. Otherwise, RCL will price assuming new passengers. Please use `//ContactInfo/@GuestRefNumber` to provide the existing passenger ids.

When in amend mode, if the existing booking has air booked via Choice Air, the air amount will be returned at the passenger level. The amount will be qualified by a price type code of 7 – deviation charge. ( `//PriceInfo/@PriceTypeCode = “7”`). A passenger’s air provider information will determine whether the passenger has Choice Air. (`//ProviderInfo/Provider == ‘CHOICE AIR’`).

Also in amend mode, all guest details returned as a part of the booking retrieval response message should be sent in the request unless a booking change is desired. Any guests not included in the request message would be presumed to have been dropped from the booking. While providing the guest detail values in the request is optional, all available values should be supplied in the request in order to prevent business rule validation failures for some guest detail elements later on in the booking process.

**Note:** Cruise Booking Retrieval returns detailed pricing information only when explicitly requested. The partner can also call this message if they require detailed pricing information as part of their application flow.

Pricing will return a line item for all price type codes that are part of the booking. Partners should display all components that are relevant.

#### 22.1.1 Transaction Services

- All components are checked for validity and availability (when appropriate). These components include;
  - The agency
  - The desired currency
  - The ship
  - The departure date
  - The package code
  - The price program
  - The dining seating
  - The category of actual cabin being requested (Cabin category)
  - The category of cabin at which the pricing is being requested (Rate Category)
  - The cabin number
  - Trip Insurance
  - Guest Details
  - Air transportation gateways
  - Tours
  - Options such as Aqua spa with an associated price
  - Buses
  - Cruise Only Transfers
  - Dining
  - Guest Level Promotional qualifiers
- This transaction will completely re-price a booking. In amend mode, it will retrieve the previously assigned prices for booking components that have not changed and obtain new pricing for those components that have changed as long as the existing passenger ids are provided.
- The transaction calculates and returns summary amounts for:
  - Other charge items (this includes the options, tours, air deviations and cruise only transfers)
  - Tariff charges, which includes the cabin, air, NCCF (Non Commissionable Cruise Fare), and taxes.
  - Total commissions
- The transaction calculates and returns payment items including
  - The required deposit amount
  - Amount Received
  - Balance due
  - Payment Amount
- The SelectedDining/@Status attribute needs to be provided with either a Confirmed or Waitlisted value in order to process the pricing request successfully.

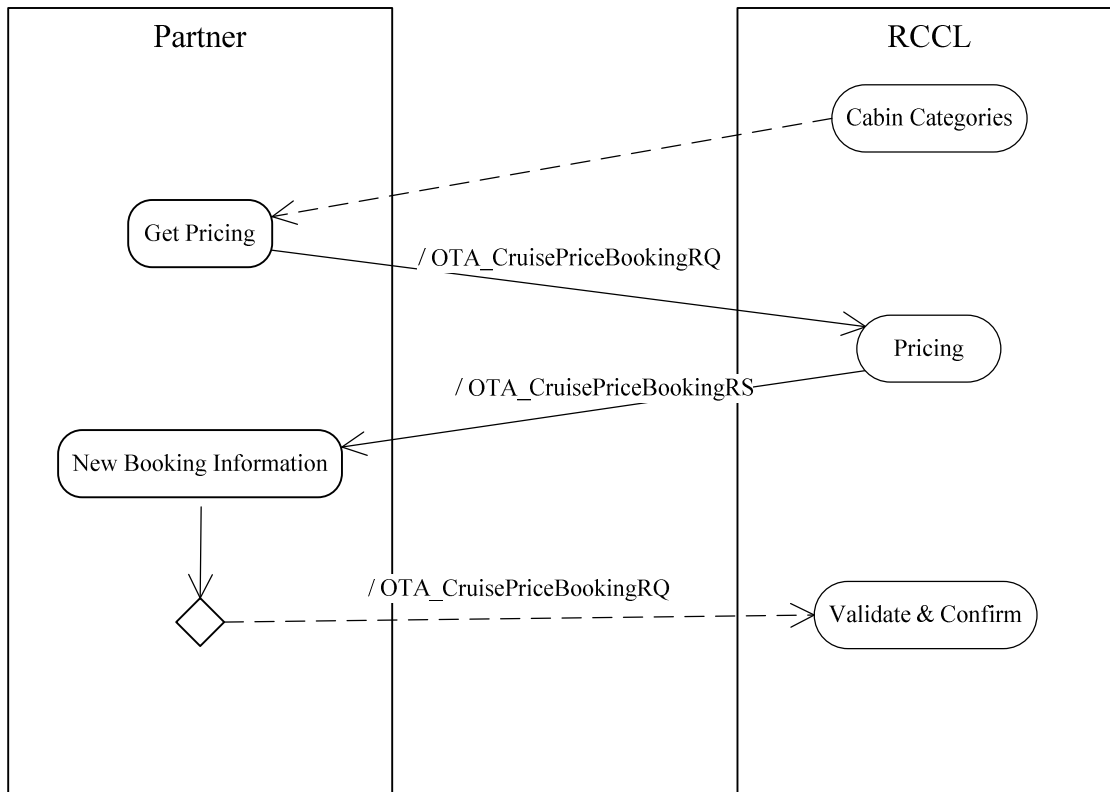
- FlightInformation although present and conformant with the XML schema is not validated or used as a part of this service. However including this information as-is from the booking retrieval response will not impact the pricing transaction.
- Components will not be priced when in waitlisted status. Cruise only transfers with required flight information will be priced when Air information is sent as part of the selectedPackages.
- Dining is not validated for accuracy. However if MyTime dining is selected as confirmed dining or as a waitlisted dining along with another confirmed dining for the same guest, pre paid gratuities will be automatically added in the pricing response.
- Element Profiles under GuestDetails will be ignored. However, sending this information from the prior booking retrieval will not impact the pricing transaction.
- Auto Add functionality will include automatically adding charges to the reservations. The evaluation and application of auto added charges will be based on the eligibility at the time of pricing in shopping, creation and amending the reservation. Removal of Nonmandatory auto add charge is also supported.
- User preference for Accessible/Non-Accessible stateroom will be accepted in the request. Stateroom in the request will be validated against the qualifier. Partners may choose to opt out for the qualifier.
- **Pricing and Promotions**
  - Retrieve Pricing - In Amend mode, booking *asis* pricing can be requested by passing the booking id and a “RetrievePrice” action code.
  - Sailing and guest level promotional qualifiers will derive the best available promotions.
  - In pricing amend mode, all promotional qualifiers are expected back in the request (unless explicitly changed by the agent) to retain any applied restricted promotional discounts.
  - Pricing can be requested with the following pricing options;
    - BESTRATE – Best rate will be applied based on the input promotional qualifiers.



- BVL – Best Value will be applied based on the input qualifiers. If Best Value is not applicable for the sailing, BESTRATE will be returned.
- Base Price Id/ Lead Promotion ID – returns pricing for base price id or Lead promotion id with any applicable combinable promotions.
- List of Promotions with or without Lead Promotion ID – returns pricing with the combination set requested based on the eligibility.
- **Non-Refundable Promotions**
  - Promotions can be classified as Refundable, Non-Refundable Deposit and Non-Refundable Full Fare types.
  - Every promotion returned in the response will have Refundability type indicator.
    - 1 - "No Restrictions - Refundable"
    - 2 - "Non-Refundable - Deposit"
    - 3 - "Non-Refundable - Full Fare"
  - Bookings will be marked as NonRefundable, if it had/has Non-Refundable promotions during the booking lifecycle. This indicator will be identified as Greatest Refundability type and will be returned as *BookingNonRefundableType* in booking retrieval, pricing and confirmation responses.
  - Refundable and Non-Refundable types will be included in the response by default. Non-Refundable types can be excluded from the response by explicitly setting the “IncludeNonRefundablePromos” Indicator to “No”.

<SelectedCategory PricedCategoryCode="Q" BerthedCategoryCode="Q" IncludeNonRefundablePromos="No" FareCode="B7227949">

## 22.2 Typical Process Flows



## 22.3 Schema Specification

The schemas for Cruise Booking Price request and response are `OTA_CruisePriceBookingRQ` and either `OTA_CruisePriceBookingRS` or `OTA_ResRetrieveRS` depending on the flows above. Our implementation is based on the `OTA_2007A` schema specification.

### 22.3.1 Cruise Booking Price Request

#### 22.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType
SailingInfo	SailingCategoryInfoType
ReservationInfo	CruiseGuestInfoType

#### 22.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

- In GuestDetail, one GuestTransportation needs to be in confirmed status. If the Guest Transportation(Air) has only one waitlisted gateway and no confirmed gateway, then the booking created will be Cruise Only (C/O) with waitlisted air.
- In GuestDetail, one SelectedDining needs to be in confirmed status.
- Only one occurrence of SelectedInsurance is supported per guest.

### 22.3.1.3 Extensions

None

## 22.3.2 Cruise Booking Price Response

### 22.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
ReservationID	UniqueID_Type (extends)
SailingInfo	SailingCategoryInfoType
BookingPayment	CruiseBookingInfoType(extends)
Errors	ErrorsType

### 22.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- ReservationID is intended to be used for RCL Reservation ID only. PNRs are not supported.

### 22.3.2.3 Extensions

None

## 22.4 Message User Guide

### 22.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePriceBookingRQ/@TransactionActionCode="RetrievePrice"	String	13	N
/OTA_CruisePriceBookingRQ/POS/Source[1]/@ISOCurrency	String	3	Y
/OTA_CruisePriceBookingRQ/ReservationInfo/ReservationID[1]/@ID	Integer	7	N
/OTA_CruisePriceBookingRQ/ReservationInfo/ReservationID[1]/@StatusCode	Integer	2	N
/OTA_CruisePriceBookingRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruisePriceBookingRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruisePriceBookingRQ/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruisePriceBookingRQ/SailingInfo/SelectedCategory/@FareCode	String	8	Y
/OTA_CruisePriceBookingRQ/SailingInfo/SelectedCategory/@IncludeNonRefundablePromos	YesNoType		N
/OTA_CruisePriceBookingRQ/SailingInfo/SelectedCategory/@BerthedCategoryCode	String	2	N

/OTA_CruisePriceBookingRQ/SailingInfo/SelectedCategory/@PricedCategoryCode	String	2	Y
/OTA_CruisePriceBookingRQ/SailingInfo/SelectedCategory/CabinAttributes/CabinAttribute/@CabinAttributeCode	String	2	N
/OTA_CruisePriceBookingRQ/SailingInfo/SelectedCategory[@WaitlistIndicator = 'false']/SelectedCabin[@Status=36    39]/@CabinNumber	String	5	Y
/OTA_CruisePriceBookingRQ/SailingInfo/SelectedCategory/SelectedPromotions[0-25]/@PromotionCode	String	16	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/@GuestRefNumber	Integer	9	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/@Nationality	String	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/@BirthDate	Date		N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/@Gender	String	8	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/@Age	Integer	3	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/PersonName/GivenName	String	14	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/PersonName/Surname	String	18	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/PersonName/NameTitle	String	4	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/Address/AddressLine	String	25	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/Address/CityName	String	15	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/Address/PostalCode	String	9	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/Address/StateProv/@StateCode	String	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/Address/StateProv	String	15	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/Address/CountryName/@CountryCode	String	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/Telephone/@PhoneNumber	String	25	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='CNT']/FareQualifiers[0-5]/@FareRestriction	String	1	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']			
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/PersonName/GivenName	String	14	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/PersonName/Surname	String	18	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/PersonName/NameTitle	String	4	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/Address/AddressLine[1-2]	String	25	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/Address/CityName	String	15	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/Address/PostalCode	String	9	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/Address/StateProv/@StateCode	String	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/Address/StateProv	String	15	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/Address/CountryName/@CountryCode	String	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/Telephone[1-3]/@PhoneNumber	String	25	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/Telephone[1-3]/@PhoneLocationType	Integer	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/Telephone[1-3]/@PhoneLocationType	Integer	2	N

ContactInfo/[@ContactType='ALT']/Telephone[1-3]/@PhoneTechType			
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/Email	String	60	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/PersonName/GivenName	String	14	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/PersonName/Surname	String	18	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/Address/AddressLine[1-2]	String	25	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/Address/CityName	String	15	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/Address/PostalCode	String	9	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/Address/StateProv/@StateCode	String	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/Address/StateProv	String	15	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/Address/CountryName/@CountryCode	String	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/Telephone/@PhoneNumber	String	25	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/GuestTransportation[1-2]/@Mode	Integer	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/GuestTransportation[1-2]/@Status	Integer	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/GuestTransportation[1-2]/GatewayCity/@LocationCode	String	3	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/GuestTransportation[1-2]/ProviderInfo/Provider/	String	10	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/GuestTransportation[1-2]/ProviderInfo/NonRefundableIndicator	Boolean		N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/LoyaltyInfo/@MembershipID	Integer	9	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/LinkedTraveler[1-2]/@LinkedTypeCode	Integer	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/LinkedTraveler[1-2]/@Relation	String	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument[@DocType='2']/@DocID	String	12	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument[@DocType='2']/@ExpireDate	Date		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument[@DocType='2']/@DocIssueCountry	String	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument/DocLimitations	String	1	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1-2]/@Status	Integer	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1-2] [@Status='46']/@Sitting	String	1	Y
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1-2] [@Status='46']/@SittingType	String	11	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1-2] [@Status='46']/@Sitting	String	1	Y
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1-2] [@Status='46']/@SittingType	String	11	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1-2]/@SittingInstance	String	8	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1]/@FamilyTimeIndicator	Boolean		N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1]/@SmokingCode	Integer	1	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1]/@TableSize	String	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/	String	2	N

SelectedDining[1]/@Language			
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1]/@AgeCode	Integer	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOffers[0-1]/@PromotionCode	String	16	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedInsurance/@InsuranceCode	String	4	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedInsurance/@SelectedOptionIndicator	Boolean		N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOptions[1-20]/[@OptionCode='PPGR']	String	4	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOptions[1-20]/@DeliveryLocation	String	10	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOptions[1-20]/@ModifiableIndicator	Boolean		N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOptions[1-20]/@TPA_OptionType	String	1	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOptions[1-20]/Message/Text	String	12	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOptions[1-20]/@SelectedOptionsIndicator	String	1	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5][@PackageTypeCode='5'    '6']/@CruisePackageCode	String	6	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/@PackageTypeCode	Integer	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5][@PackageTypeCode='5'    '6']/@Status	Integer	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/@InclusiveIndicator	Boolean		N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/@Duration	String	4	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5][@PackageTypeCode='5'    '6']/Location[1-2]/@LocationCode	String	13	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5][@PackageTypeCode='7' thru '11']/@CruisePackageCode	String	8	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5][@PackageTypeCode='7' thru '11']/@Status	Integer	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/Location[1]/@LocationName	String	50	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/Location[1]/Information/Text	String	40	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/AirInfo/Airline/@Code	String	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/Location[2]/@CodeContext	String	22	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/@Code	String	4	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/@Date	Date		N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/@NbrOfYears	Integer	2	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/@CodeDetail	String	15	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/Comment/Text	String	10	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/@AirAccommodationType	String	11	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/@Comment	String	1	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/@DepartureDateTime	DateTime		N

/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/@ArrivalDateTime	DateTime		N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/DepartureCity/@LocationCode	String	3	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/ArrivalCity/@LocationCode	String	3	
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/Airline/@Code	String	3	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/Airline/@FlightNumber	String	5	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/CruiseDocument/@DocumentLanguage ***	String	3	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/CruiseDocument/@DeliveryMethodCode	Integer	1	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/Profiles/@ProfileTypeIdIdentifier	String	10	N
/OTA_CruisePriceBookingRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/Profiles/CruiseProfile[1-2]/@Code	Integer	3	N

## 22.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePriceBookingRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruisePriceBookingRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruisePriceBookingRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruisePriceBookingRS/Success	Node		N
/OTA_CruisePriceBookingRS/ReservationID/@ID	Integer	7	N
/OTA_CruisePriceBookingRS/ReservationID/@Type	Integer	2	N
/OTA_CruisePriceBookingRS/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruisePriceBookingRS/SailingInfo/SelectedCategory/@FareCode	String	16	N
/OTA_CruisePriceBookingRS/SailingInfo/SelectedCategory/@NonRefundableType	OTA_CodeType		N
/OTA_CruisePriceBookingRS/SailingInfo/SelectedCategory/@BookingNonRefundableType	OTA_CodeType		N
/OTA_CruisePriceBookingRS/SailingInfo/SelectedCategory/@PromotionDescription	String	16	N
/OTA_CruisePriceBookingRS/BookingPayment/BookingPrices/BookingPrice[1-15]/@Amount	String	14	N
/OTA_CruisePriceBookingRS/BookingPayment/BookingPrices/BookingPrice[1-15]/@PriceTypeCode	Integer	3	N
/OTA_CruisePriceBookingRS/BookingPayment/BookingPrices/BookingPrice[1-15]/@RestrictedIndicator	Boolean		N
/OTA_CruisePriceBookingRS/BookingPayment/PaymentSchedule/Payment[1-2]/@Amount	String	14	N
/OTA_CruisePriceBookingRS/BookingPayment/PaymentSchedule/Payment[1-2]/@PaymentNumber	Integer	1	N
/OTA_CruisePriceBookingRS/BookingPayment/PaymentSchedule/Payment[1-2]/@DueDate	Date		N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@PricedComponentType	String	1	N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@Amount	String	14	N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@CodeDescription	String	16	N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@PriceTypeCode	Integer	3	N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@Percent	String	6	N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@PriceComponentCode	String	10	N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@CodeDetail	String	10	N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@ItemizableIndicator	Boolean		N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@MandatoryIndicator	Boolean		N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@MandatoryIndicator	Boolean		N

4]/PriceInfos/PriceInfo[1-65]/@AutoAddedIndicator			
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@OptionType	OTA_CodeType		N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@PricingLevel	OTA_CodeType		N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@PricingType	OTA_CodeType		N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@SelectedOptionsIndicator	Boolean		N
/OTA_CruisePriceBookingRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@NonRefundableType	OTA_CodeType		N

## 22.4.3 Use Case

### 22.4.3.1 Sample Message Request

John and a guest have decided to sail on the Freedom of the Seas on August 2, 2009 and wants to price cabin 1289 in category L using promo code BRK07. The booking will be cruise only, they have selected traveler coverage, and have selected the 'M' flexible dining sitting from the Cruise Dining List message response.

```
<m:getBookingPrice xmlns:m="http://services.rccl.com/Interfaces/BookingPrice">
  <OTA_CruisePriceBookingRQ RetransmissionIndicator="false" SequenceNbr="1" TimeStamp="2008-12-
11T09:21:54.792-05:00" TransactionIdentifier="106597" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <SailingInfo>
      <SelectedSailing Start="2009-08-02">
        <CruiseLine ShipCode="FR"/>
      </SelectedSailing>
      <InclusivePackageOption CruisePackageCode="FR07W032"/>
      <SelectedCategory BerthedCategoryCode="L" FareCode="01349036" PricedCategoryCode="L">
        <SelectedCabin CabinNumber="1289" Status="48"/>
      </SelectedCategory>
    </SailingInfo>
    <ReservationInfo>
      <GuestDetails>
        <GuestDetail>
          <ContactInfo Age="31"/>
          <GuestTransportation Mode="29" Status="36">
            <GatewayCity LocationCode="C/O"/>
          </GuestTransportation>
          <SelectedDining Sitting="M"/>
          <SelectedInsurance InsuranceCode="CRCR" SelectedOptionIndicator="true"/>
        </GuestDetail>
        <GuestDetail>
          <ContactInfo Age="25"/>
          <GuestTransportation Mode="29" Status="36">
            <GatewayCity LocationCode="C/O"/>
          </GuestTransportation>
          <SelectedDining Sitting="M"/>
          <SelectedInsurance InsuranceCode="CRCR"/>
        </GuestDetail>
      </GuestDetails>
    </ReservationInfo>
  </OTA_CruisePriceBookingRQ>
</m:getBookingPrice>
```



### 22.4.3.2 Sample Message Response

The response message returns the detailed pricing breakdown for the booking and for the individual travelers.

```
<price:getBookingPriceResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:price="http://services.rccl.com/Interfaces/BookingPrice">
  <alpha:OTA_CruisePriceBookingRS SequenceNmbr="0" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:ReservationID ID="0" Type="14"/>
    <alpha:SailingInfo>
      <alpha:InclusivePackageOption CruisePackageCode="FR07W032"/>
      <alpha:SelectedCategory FareCode="01349036" PromotionDescription="SINGLESPEC"/>
    </alpha:SailingInfo>
    <alpha:BookingPayment>
      <alpha:BookingPrices>
        <alpha:BookingPrice Amount="500.00" PriceTypeCode="6"/>
        <alpha:BookingPrice Amount="1498.70" PriceTypeCode="3"/>
        <alpha:BookingPrice Amount="1498.70" PriceTypeCode="100"/>
        <alpha:BookingPrice Amount="1498.70" PriceTypeCode="8"/>
        <alpha:BookingPrice Amount="1498.70" PriceTypeCode="42"/>
        <alpha:BookingPrice PriceTypeCode="98"/>
        <alpha:BookingPrice PriceTypeCode="73"/>
      </alpha:BookingPrices>
      <alpha:PaymentSchedule>
        <alpha:Payment Amount="500.00" DueDate="2009-02-27" PaymentNumber="1"/>
        <alpha:Payment Amount="2483.1" DueDate="2009-05-24" PaymentNumber="2"/>
      </alpha:PaymentSchedule>
      <alpha:GuestPrices>
        <alpha:GuestPrice>
          <alpha:PricelInfos>
            <alpha:PricelInfo Amount="480.00" PriceTypeCode="49"/>
            <alpha:PricelInfo Amount="-5.00" CodeDescription="01349036" CodeDetail="SINGLESPEC"
PricedComponentCode="49" PricedComponentType="2" PriceTypeCode="34" PricingLevel="24"
PricingType="1"/>
            <alpha:PricelInfo Amount="175.00" PriceTypeCode="60"/>
            <alpha:PricelInfo Amount="96.85" PriceTypeCode="18"/>
            <alpha:PricelInfo Amount="746.85" PriceTypeCode="8"/>
            <alpha:PricelInfo Amount="746.85" PriceTypeCode="42"/>
            <alpha:PricelInfo PriceTypeCode="156"/>
          </alpha:PricelInfos>
        </alpha:GuestPrice>
        <alpha:GuestPrice>
          <alpha:PricelInfos>
            <alpha:PricelInfo Amount="480.00" PriceTypeCode="49"/>
            <alpha:PricelInfo Amount="175.00" PriceTypeCode="60"/>
            <alpha:PricelInfo Amount="96.85" PriceTypeCode="18"/>
            <alpha:PricelInfo Amount="751.85" PriceTypeCode="8"/>
            <alpha:PricelInfo Amount="751.85" PriceTypeCode="42"/>
            <alpha:PricelInfo PriceTypeCode="156"/>
          </alpha:PricelInfos>
        </alpha:GuestPrice>
      </alpha:GuestPrices>
    </alpha:BookingPayment>
  </alpha:OTA_CruisePriceBookingRS>
</price:getBookingPriceResponse>
```

### 22.4.3.3 Sample Message Request

After creating the booking with id 15363, a few changes are made to the booking with

many different components in confirmed and waitlisted status. Most of the relevant information from GuestDetails Node can be returned as is from the booking retrieval response message if there are no changes to the information. Please note that information sent in the request is validated based on business rules defined for certain scenarios. Presence of data does not automatically ensure validation.

The booking re-price message is sent below with changes to booking 15363.

```
<OTA_CruisePriceBookingRQ RetransmissionIndicator="false" SequenceNmbr="1" TimeStamp="2009-12-14T15:11:20.407Z" Version="1.0" xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
```

```
  <POS>
    .....
  </POS>
  <SailingInfo>
    <SelectedSailing Duration="P7N" Start="2010-12-26">
      <CruiseLine ShipCode="LB" VendorCode="RCC"/>
    </SelectedSailing>
    <InclusivePackageOption CruisePackageCode="LB07E032"/>
    <Currency CurrencyCode="USD"/>
    <SelectedCategory BerthedCategoryCode="G" DeckName="03" FareCode="BRKA05"
    PricedCategoryCode="G" WaitlistIndicator="false">
      <SelectedCabin CabinNumber="3542" CategoryLocation="Outside" MaxOccupancy="4"
    PositionInShip="Forward" Status="39"/>
    </SelectedCategory>
  </SailingInfo>
  <ReservationInfo>
    <ReservationID ID="15363" Instance="5" Type="14" BookedDate="2010-06-24"
    LastModifyDateTime="2010-06-24T21:14:14.0Z" OfferDate="2010-06-24T18:52:59.0Z" StatusCode="42"/>
    <GuestDetails>
      <GuestDetail>
        <ContactInfo ContactType="CNT" RPH="1" Age="55" Gender="Male"
        GuestRefNumber="261798357" Nationality="US">
          <PersonName>
            <GivenName>ONE</GivenName>
            <Surname>TEST</Surname>
            <NameTitle>MR</NameTitle>
          </PersonName>
          <Address>
            <StateProv/>
            <CountryName/>
          </Address>
        </ContactInfo>
        <ContactInfo ContactType="EMG">
          <Address>
            <StateProv/>
            <CountryName/>
          </Address>
        </ContactInfo>
        <GuestTransportation Mode="29" Status="59">
          <GatewayCity LocationCode="C/O"/>
        </GuestTransportation>
        <LoyaltyInfo MembershipID="0"/>
        <LinkedTraveler Relation="AA" LinkTypeCode="8"/>
        <TravelDocument>
          <DocLimitations>N</DocLimitations>
        </TravelDocument>
        <SelectedDining AgeCode="24" FamilyTimeIndicator="false" Language="en" Sitting="2"
        SittingInstance="08:30 PM" SittingType="Traditional" SmokingCode="2" Status="39" TableSize="00"/>
        <SelectedInsurance InsuranceCode="CRCR" SelectedOptionIndicator="true"/>
        <SelectedPackages>
          <SelectedPackage CruisePackageCode="AD3BX" Duration="P3N" InclusiveIndicator="false"
        PackageTypeCode="10" Status="39">
            <Location LocationCode="MIA">
```

```
<Information>
  <Text>3NT PRE EPIC HOTEL MIAMI W/TRANSFERS</Text>
</Information>
</Location>
  <Location CodeContext="Fulfillment Facility" LocationCode="AD"/>
</SelectedPackage>
<SelectedPackage CruisePackageCode="TFLLDM" PackageTypeCode="8" Status="39">
  <Location LocationCode="Cruise Only">
    <Information>
      <Text>DEPARTURE - FLL AIRPORT</Text>
    </Information>
  </Location>
</SelectedPackage>
</SelectedPackages>
<SelectedSpecialServices>
  <SelectedSpecialService Code="SPC" CodeDetail="SPECIAL MEALS"/>
</SelectedSpecialServices>
<AirAccommodations>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation ArrivalDateTime="2011-01-02T18:00:01.0Z" DepartureDateTime="2011-01-
02T14:00:01.0Z" AirAccommodationType="Regular" Comment="O">
    <DepartureCity LocationCode="FLL"/>
    <ArrivalCity LocationCode="ATL"/>
    <Airline Code="AA" FlightNumber="1"/>
  </AirAccommodation>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
</AirAccommodations>
<CruiseDocument DeliveryMethodCode="2" DocumentLanguage="en"/>
<Profiles ProfileTypeIdIdentifier="Modifiable">
  <CruiseProfile Code="73"/>
</Profiles>
</GuestDetail>
<GuestDetail>
  <ContactInfo ContactType="CNT" RPH="2" Age="54" Gender="Female"
GuestRefNumber="261798365" Nationality="BS">
    <PersonName>
      <GivenName>TWO</GivenName>
      <Surname>TEST</Surname>
      <NameTitle>MRS</NameTitle>
    </PersonName>
    <Address>
      <StateProv/>
      <CountryName/>
    </Address>
  </ContactInfo>
  <ContactInfo ContactType="EMG">
    <Address>
      <StateProv/>
      <CountryName/>
    </Address>
  </ContactInfo>
  <GuestTransportation Mode="29" Status="59">
    <GatewayCity LocationCode="C/O"/>
  </GuestTransportation>
  <LoyaltyInfo MembershipID="0"/>
  <LinkedTraveler Relation="AA" LinkTypeCode="8"/>
  <TravelDocument DocID="TBA" DocType="2">
    <DocLimitations>N</DocLimitations>
  </TravelDocument>
```

```
<SelectedDining AgeCode="23" FamilyTimeIndicator="false" Language="en" Sitting="2"
SittingInstance="08:30 PM" SittingType="Traditional" SmokingCode="2" Status="39" TableSize="00"/>
<SelectedInsurance InsuranceCode="CRCR" SelectedOptionIndicator="true"/>
<SelectedPackages>
  <SelectedPackage CruisePackageCode="AD3BX" Duration="P3N" InclusiveIndicator="false"
PackageTypeCode="10" Status="39">
    <Location LocationCode="MIA">
      <Information>
        <Text>3NT PRE EPIC HOTEL MIAMI W/TRANSFERS</Text>
      </Information>
    </Location>
    <Location CodeContext="Fulfillment Facility" LocationCode="AD"/>
  </SelectedPackage>
  <SelectedPackage CruisePackageCode="TFLLDM" PackageTypeCode="8" Status="46">
    <Location LocationCode="Cruise Only">
      <Information>
        <Text>DEPARTURE - FLL AIRPORT</Text>
      </Information>
    </Location>
  </SelectedPackage>
</SelectedPackages>
<SelectedSpecialServices/>
<AirAccommodations>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
</AirAccommodations>
<CruiseDocument DeliveryMethodCode="2" DocumentLanguage="en"/>
<Profiles ProfileTypeIdIdentifier="Modifiable">
  <CruiseProfile Code="73"/>
</Profiles>
</GuestDetail>
<GuestDetail>
  <ContactInfo ContactType="CNT" RPH="3" Age="28" Gender="Male"
GuestRefNumber="261798373" Nationality="US">
    <PersonName>
      <GivenName>THREE</GivenName>
      <Surname>TEST</Surname>
      <NameTitle>MR</NameTitle>
    </PersonName>
    <Address>
      <StateProv/>
      <CountryName/>
    </Address>
  </ContactInfo>
  <ContactInfo ContactType="EMG">
    <Address>
      <StateProv/>
      <CountryName/>
    </Address>
  </ContactInfo>
  <GuestTransportation Mode="14" Status="59">
    <GatewayCity LocationCode="JFK"/>
  </GuestTransportation>
  <LoyaltyInfo MembershipID="0"/>
  <TravelDocument>
    <DocLimitations>N</DocLimitations>
  </TravelDocument>
```

```
<SelectedDining AgeCode="22" FamilyTimeIndicator="false" Language="en" Sitting="M"
SittingInstance="06:00 PM" SittingType="Traditional" SmokingCode="2" Status="39" TableSize="00"/>
<SelectedInsurance InsuranceCode="CRCR" SelectedOptionIndicator="true"/>
<SelectedPackages/>
<SelectedSpecialServices>
  <SelectedSpecialService Code="BDY" CodeDetail="BIRTHDAY" Date="2010-12-28"/>
</SelectedSpecialServices>
<AirAccommodations>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
  <AirAccommodation AirAccommodationType="Regular"/>
</AirAccommodations>
<CruiseDocument DeliveryMethodCode="2" DocumentLanguage="en"/>
<Profiles ProfileTypeIdIdentifier="NotModifiable">
  <CruiseProfile Code="73"/>
</Profiles>
</GuestDetail>
<GuestDetail>
  <ContactInfo ContactType="CNT" RPH="4" Age="5" Gender="Male" GuestRefNumber="261798381"
Nationality="US">
    <PersonName>
      <GivenName>FOUR</GivenName>
      <Surname>TEST</Surname>
      <NameTitle>MR</NameTitle>
    </PersonName>
    <Address>
      <StateProv/>
      <CountryName/>
    </Address>
  </ContactInfo>
  <ContactInfo ContactType="EMG">
    <Address>
      <StateProv/>
      <CountryName/>
    </Address>
  </ContactInfo>
  <GuestTransportation Mode="14" Status="59">
    <GatewayCity LocationCode="JFK"/>
  </GuestTransportation>
  <LoyaltyInfo MembershipID="0"/>
  <TravelDocument>
    <DocLimitations>N</DocLimitations>
  </TravelDocument>
  <SelectedDining AgeCode="19" FamilyTimeIndicator="false" Language="en" Sitting="M"
SittingInstance="06:00 PM" SittingType="Traditional" SmokingCode="2" Status="39" TableSize="00"/>
  <SelectedInsurance InsuranceCode="CRCR" SelectedOptionIndicator="true"/>
  <SelectedPackages/>
  <SelectedSpecialServices/>
  <AirAccommodations>
    <AirAccommodation AirAccommodationType="Regular"/>
    <AirAccommodation AirAccommodationType="Regular"/>
    <AirAccommodation AirAccommodationType="Regular"/>
    <AirAccommodation AirAccommodationType="Regular"/>
    <AirAccommodation AirAccommodationType="Regular"/>
    <AirAccommodation AirAccommodationType="Regular"/>
    <AirAccommodation AirAccommodationType="Regular"/>
    <AirAccommodation AirAccommodationType="Regular"/>
    <AirAccommodation AirAccommodationType="Regular"/>
  </AirAccommodations>
```

```

    </AirAccommodations>
    <CruiseDocument DeliveryMethodCode="2" DocumentLanguage="en"/>
    <Profiles ProfileTypeIdentifier="NotModifiable">
      <CruiseProfile Code="73"/>
    </Profiles>
  </GuestDetail>
</GuestDetails>
</ReservationInfo>
</OTA_CruisePriceBookingRQ>

```

#### 22.4.3.4 Sample Message Response

The booking is repriced based on the changes made and the pricing details are sent back in the response.

```

<alpha:OTA_CruisePriceBookingRS SequenceNmbr="0" Version="1.0">
  <alpha:Success/>
  <alpha:Warnings>
    <alpha:Warning Type="3"/>
  </alpha:Warnings>
  <alpha:ReservationID ID="15363" Type="14"/>
  <alpha:SailingInfo>
    <alpha:InclusivePackageOption CruisePackageCode="LB07E032"/>
  </alpha:SailingInfo>
  <alpha:BookingPayment>
    <alpha:BookingPrices>
      <alpha:BookingPrice Amount="1200.00" PriceTypeCode="3"/>
      <alpha:BookingPrice Amount="0.00" PriceTypeCode="90"/>
      <alpha:BookingPrice Amount="0.00" PriceTypeCode="81"/>
      <alpha:BookingPrice Amount="0.00" PriceTypeCode="103"/>
      <alpha:BookingPrice Amount="0.00" PriceTypeCode="104" RestrictedIndicator="true"/>
      <alpha:BookingPrice Amount="1000.00" PriceTypeCode="6"/>
      <alpha:BookingPrice PriceTypeCode="98"/>
      <alpha:BookingPrice PriceTypeCode="73"/>
      <alpha:BookingPrice Amount="7692.92" PriceTypeCode="100"/>
      <alpha:BookingPrice Amount="2115.00" PriceTypeCode="101"/>
      <alpha:BookingPrice Amount="0.00" PriceTypeCode="102"/>
      <alpha:BookingPrice Amount="0" PriceTypeCode="147"/>
      <alpha:BookingPrice Amount="0" PriceTypeCode="148"/>
      <alpha:BookingPrice Amount="0" PriceTypeCode="149"/>
    </alpha:BookingPrices>
    <alpha:PaymentSchedule>
      <alpha:Payment Amount="1000.00" DueDate="2010-07-01" PaymentNumber="1"/>
      <alpha:Payment Amount="9807.92" DueDate="2010-09-27" PaymentNumber="2"/>
    </alpha:PaymentSchedule>
    <alpha:GuestPrices>
      <alpha:GuestPrice>
        <alpha:PriceInfos>
          <alpha:PriceInfo Amount="1700.00" PriceTypeCode="49"/>
          <alpha:PriceInfo Amount="159.00" PriceTypeCode="60"/>
          <alpha:PriceInfo Amount="84.73" PriceTypeCode="18"/>
          <alpha:PriceInfo Amount="299.00" CodeDetail="Royal CRCR T" PricedComponentCode="CRCR"
PricedComponentType="I" PriceTypeCode="107"/>
          <alpha:PriceInfo Amount="0.00" CodeDetail="Royal CRCR T" PricedComponentCode="CRCR"
PricedComponentType="I" PriceTypeCode="127"/>
          <alpha:PriceInfo Amount="459.50" PriceTypeCode="46"/>
          <alpha:PriceInfo Amount="1057.00" PriceTypeCode="8"/>
          <alpha:PriceInfo Amount="1057.00" PriceTypeCode="42"/>
          <alpha:PriceInfo PriceTypeCode="156"/>
        </alpha:PriceInfos>
      </alpha:GuestPrice>
    </alpha:GuestPrices>
  </alpha:BookingPayment>

```

```

    <alpha:PriceInfo Amount="1700.00" PriceTypeCode="49"/>
    <alpha:PriceInfo Amount="159.00" PriceTypeCode="60"/>
    <alpha:PriceInfo Amount="84.73" PriceTypeCode="18"/>
    <alpha:PriceInfo Amount="299.00" CodeDetail="Royal CRCR T" PricedComponentCode="CRCR"
PricedComponentType="I" PriceTypeCode="107"/>
    <alpha:PriceInfo Amount="0.00" CodeDetail="Royal CRCR T" PricedComponentCode="CRCR"
PricedComponentType="I" PriceTypeCode="127"/>
    <alpha:PriceInfo Amount="459.50" PriceTypeCode="46"/>
    <alpha:PriceInfo Amount="1057.00" PriceTypeCode="8"/>
    <alpha:PriceInfo Amount="1057.00" PriceTypeCode="42"/>
    <alpha:PriceInfo PriceTypeCode="156"/>
  </alpha:PriceInfos>
</alpha:GuestPrice>
<alpha:GuestPrice>
  <alpha:PriceInfos>
    <alpha:PriceInfo Amount="1090.00" PriceTypeCode="49"/>
    <alpha:PriceInfo Amount="569.00" PriceTypeCode="1"/>
    <alpha:PriceInfo Amount="159.00" PriceTypeCode="60"/>
    <alpha:PriceInfo Amount="84.73" PriceTypeCode="18"/>
    <alpha:PriceInfo Amount="299.00" CodeDetail="Royal CRCR T" PricedComponentCode="CRCR"
PricedComponentType="I" PriceTypeCode="107"/>
    <alpha:PriceInfo Amount="0.00" CodeDetail="Royal CRCR T" PricedComponentCode="CRCR"
PricedComponentType="I" PriceTypeCode="127"/>
    <alpha:PriceInfo Amount="699.00" PriceTypeCode="8"/>
    <alpha:PriceInfo Amount="699.00" PriceTypeCode="42"/>
    <alpha:PriceInfo PriceTypeCode="156"/>
  </alpha:PriceInfos>
</alpha:GuestPrice>
<alpha:GuestPrice>
  <alpha:PriceInfos>
    <alpha:PriceInfo Amount="1090.00" PriceTypeCode="49"/>
    <alpha:PriceInfo Amount="569.00" PriceTypeCode="1"/>
    <alpha:PriceInfo Amount="159.00" PriceTypeCode="60"/>
    <alpha:PriceInfo Amount="84.73" PriceTypeCode="18"/>
    <alpha:PriceInfo Amount="299.00" CodeDetail="Royal CRCR T" PricedComponentCode="CRCR"
PricedComponentType="I" PriceTypeCode="107"/>
    <alpha:PriceInfo Amount="0.00" CodeDetail="Royal CRCR T" PricedComponentCode="CRCR"
PricedComponentType="I" PriceTypeCode="127"/>
    <alpha:PriceInfo Amount="699.00" PriceTypeCode="8"/>
    <alpha:PriceInfo Amount="699.00" PriceTypeCode="42"/>
    <alpha:PriceInfo PriceTypeCode="156"/>
  </alpha:PriceInfos>
</alpha:GuestPrice>
</alpha:GuestPrices>
</alpha:BookingPayment>
</alpha:OTA_CruisePriceBookingRS>

```

### 21.4.3.5 Sample Message Request

John has decided to sail on Voyager of the Seas on December 31, 2011 and wants to price cabin 9529 in category GS. The booking will include a cruise only transfer, and the flight information necessary to price and confirm the transfer has been collected. The airline information is required in the request, otherwise the transfer will be considered waitlisted and will not be priced.

```

<OTA_CruisePriceBookingRQ TimeStamp="2011-10-14T15:30:39" Target="Test" Version="2.0"
SequenceNbr="1" xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
  <POS>
    ...
  </POS>

```



```

<SailingInfo>
  <SelectedSailing Start="2011-12-31" Duration="P7N">
    <CruiseLine VendorCode="RCC" ShipCode="VY"/>
  </SelectedSailing>
  <InclusivePackageOption CruisePackageCode="VY07W083" Start="2011-12-31"/>
  <SelectedCategory BerthedCategoryCode="GS" PricedCategoryCode="GS" WaitlistIndicator="false"
FareCode="BRKB01">
    <SelectedCabin Status="39" CabinNumber="9529"/>
  </SelectedCategory>
</SailingInfo>
<ReservationInfo>
  <GuestDetails>
    <GuestDetail>
      <ContactInfo ContactType="CNT" Age="55" Nationality="US" Gender="Male">
        <PersonName>
          <GivenName>JOHN</GivenName>
          <Surname>TRYTRANSFER</Surname>
          <NameTitle>MR</NameTitle>
        </PersonName>
        <Address>
          <CityName>ZZZ</CityName>
        </Address>
      </ContactInfo>
      <GuestTransportation Mode="29" Status="36">
        <GatewayCity LocationCode="C/O"/>
      </GuestTransportation>
      <SelectedDining Sitting="B" Status="39" FamilyTimeIndicator="false"/>
      <SelectedInsurance InsuranceCode="CRCR" SelectedOptionIndicator="true"/>
      <SelectedPackages>
        <SelectedPackage PackageTypeCode="7" CruisePackageCode="TMSYA" Status="39">
          <AirInfo>
            <Airline Code="AA"/>
          </AirInfo>
        </SelectedPackage>
      </SelectedPackages>
    </GuestDetail>
  </GuestDetails>
</ReservationInfo>
</OTA_CruisePriceBookingRQ>

```

### 21.4.3.6 Sample Message Response

This price is based on the sailing request with an air transfer.

```

<OTA_CruisePriceBookingRS SequenceNmbr="0" Version="1.0">
  <Success/>
  <ReservationID ID="0" Type="14"/>
  <SailingInfo>
    <InclusivePackageOption CruisePackageCode="VY07W083"/>
    <SelectedCategory/>
  </SailingInfo>
  <BookingPayment>
    <BookingPrices>
      <BookingPrice Amount="3790.48" PriceTypeCode="3"/>
      <BookingPrice Amount="250.00" PriceTypeCode="6"/>
      <BookingPrice PriceTypeCode="98"/>
      <BookingPrice PriceTypeCode="73"/>
      <BookingPrice Amount="3512.48" PriceTypeCode="100"/>
      <BookingPrice Amount="278.00" PriceTypeCode="101"/>
      <BookingPrice Amount="3790.48" PriceTypeCode="8"/>
      <BookingPrice Amount="3790.48" PriceTypeCode="42"/>
    </BookingPrices>
    <PaymentSchedule>
      <Payment Amount="250.00" DueDate="2011-10-31" PaymentNumber="1"/>
    </PaymentSchedule>
  </BookingPayment>
</OTA_CruisePriceBookingRS>

```



```

    <Payment Amount="3790.48" DueDate="2011-10-31" PaymentNumber="2"/>
  </PaymentSchedule>
  <GuestPrices>
    <GuestPrice>
      <PriceInfos>
        <PriceInfo Amount="3280.00" PriceTypeCode="49"/>
        <PriceInfo Amount="159.00" PriceTypeCode="60"/>
        <PriceInfo Amount="73.48" PriceTypeCode="18"/>
        <PriceInfo Amount="259.00" CodeDetail="CRUISE CARE" OptionType="5"
PricedComponentCode="CRCR" PricedComponentType="I" PriceTypeCode="107"/>
        <PriceInfo Amount="0.00" CodeDetail="CRUISE CARE" OptionType="5"
PricedComponentCode="CRCR" PricedComponentType="I" PriceTypeCode="127"/>
        <PriceInfo PriceTypeCode="156"/>
        <PriceInfo Amount="3790.48" PriceTypeCode="8"/>
        <PriceInfo Amount="3790.48" PriceTypeCode="42"/>
      </PriceInfos>
    </GuestPrice>
  </GuestPrices>
</BookingPayment>
</OTA_CruisePriceBookingRS>

```

### 21.4.3.5 Sample Message Request

John has decided to sail on Zenith on December 26, 2013 and wants to price cabin 2256 in category E. He is supplying all promotional qualifiers in the request and expecting a best rate to be returned.

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns26:getBookingPrice >
      <OTA_CruisePriceBookingRQ SequenceNmbr="1" Version="1">
        <POS>
          .....
        </POS>
        <SailingInfo>
          <SelectedSailing Start="2013-12-26">
            <CruiseLine ShipCode="ZE"/>
          </SelectedSailing>
          <InclusivePackageOption CruisePackageCode="ZEPZ0905"/>
          <SelectedCategory FareCode="BESTRATE" PricedCategoryCode="E" BerthedCategoryCode="E"
WaitlistIndicator="false">
            <SelectedCabin CabinNumber="2256" Status="36"/>
          </SelectedCategory>
        </SailingInfo>
        <ReservationInfo>
          <GuestDetails>
            <GuestDetail>
              <ContactInfo BirthDate="1986-05-10+02:00" Age="25" ContactType="CNT">
                <Address>
                  <StateProv StateCode="FL">FL</StateProv>
                </Address>
                <FareQualifiers FareRestriction="2"/>
              </ContactInfo>
              <GuestTransportation Status="36" Mode="14">
                <GatewayCity LocationCode="C/O"/>
              </GuestTransportation>
              <LoyaltyInfo MembershipID="351961734"/>
              <SelectedDining Sitting="2"/>
              <SelectedOffers PromotionCode="Coupon123"/>
            </GuestDetail>
            <GuestDetail>
              <ContactInfo BirthDate="1982-02-10+01:00" Age="29" ContactType="CNT"/>
            </GuestDetail>
          </GuestDetails>
        </ReservationInfo>
      </OTA_CruisePriceBookingRQ>
    </ns26:getBookingPrice>
  </soap:Body>
</soap:Envelope>

```

```

        <GuestTransportation Status="36" Mode="14">
          <GatewayCity LocationCode="C/O"/>
        </GuestTransportation>
        <SelectedDining Sitting="2"/>
      </GuestDetail>
    </GuestDetails>
  </ReservationInfo>
</OTA_CruisePriceBookingRQ>
</ns26:getBookingPrice>
</soap:Body>
</soap:Envelope>

```

### 21.4.3.6 Sample Message Response

This price is based on the sailing request with Promotional qualifiers and BestRate

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <price:getBookingPriceResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
      xmlns:price="http://services.rccl.com/Interfaces/BookingPrice">
      <alpha:OTA_CruisePriceBookingRS SequenceNmbr="0" Version="1.0">
        <alpha:Success/>
        <alpha:ReservationID ID="0" Type="14"/>
        <alpha:SailingInfo>
          <alpha:InclusivePackageOption CruisePackageCode="ZEPZ0905"/>
          <alpha:SelectedCategory FareCode="01085823" PromotionDescription="EB ALL TYPES B"/>
        </alpha:SailingInfo>
        <alpha:BookingPayment>
          <alpha:BookingPrices>
            <alpha:BookingPrice Amount="0.00" PriceTypeCode="6"/>
            <alpha:BookingPrice Amount="130.71" PriceTypeCode="104"/>
            <alpha:BookingPrice Amount="3524.00" PriceTypeCode="3"/>
            <alpha:BookingPrice Amount="3524.00" PriceTypeCode="100"/>
            <alpha:BookingPrice Amount="3524.00" PriceTypeCode="8"/>
            <alpha:BookingPrice Amount="2770.85" PriceTypeCode="42"/>
            <alpha:BookingPrice Amount="622.44" PriceTypeCode="102"/>
            <alpha:BookingPrice Percent="21.00" PriceTypeCode="98"/>
            <alpha:BookingPrice Percent="21.00" PriceTypeCode="73"/>
          </alpha:BookingPrices>
          <alpha:PaymentSchedule>
            <alpha:Payment Amount="0.00" DueDate="2013-12-10" PaymentNumber="1"/>
            <alpha:Payment Amount="3524.00" DueDate="2013-12-10" PaymentNumber="2"/>
          </alpha:PaymentSchedule>
          <alpha:GuestPrices>
            <alpha:GuestPrice>
              <alpha:PriceInfos>
                <alpha:PriceInfo Amount="2471.00" PriceTypeCode="49"/>
                <alpha:PriceInfo Amount="311.22" Percent="21.00" PriceTypeCode="73"/>
                <alpha:PriceInfo Amount="-989.00" CodeDescription="01085823" CodeDetail="EB ALL TYPES B"
                  PricedComponentCode="49" PricedComponentType="1" PriceTypeCode="34" PricingLevel="10"
                  PricingType="1"/>
                <alpha:PriceInfo Amount="280.00" PriceTypeCode="18"/>
                <alpha:PriceInfo Amount="1762.00" PriceTypeCode="8"/>
                <alpha:PriceInfo Amount="311.22" PriceTypeCode="80"/>
                <alpha:PriceInfo Amount="1450.78" PriceTypeCode="42"/>
              </alpha:PriceInfos>
            </alpha:GuestPrice>
            <alpha:GuestPrice>
              <alpha:PriceInfos>
                <alpha:PriceInfo Amount="2471.00" PriceTypeCode="49"/>
                <alpha:PriceInfo Amount="311.22" Percent="21.00" PriceTypeCode="73"/>
                <alpha:PriceInfo Amount="-989.00" CodeDescription="01085823" CodeDetail="EB ALL TYPES B"
                  PricedComponentCode="49" PricedComponentType="1" PriceTypeCode="34" PricingLevel="10"
                  PricingType="1"/>
              </alpha:PriceInfos>
            </alpha:GuestPrice>
          </alpha:GuestPrices>
        </alpha:BookingPayment>
      </alpha:OTA_CruisePriceBookingRS>
    </price:getBookingPriceResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

```

        <alpha:PriceInfo Amount="280.00" PriceTypeCode="18"/>
        <alpha:PriceInfo Amount="1762.00" PriceTypeCode="8"/>
        <alpha:PriceInfo Amount="311.22" PriceTypeCode="80"/>
        <alpha:PriceInfo Amount="1450.78" PriceTypeCode="42"/>
      </alpha:PriceInfos>
    </alpha:GuestPrice>
  </alpha:GuestPrices>
</alpha:BookingPayment>
</alpha:OTA_CruisePriceBookingRS>
</price:getBookingPriceResponse>
</soapenv:Body>
</soapenv:Envelope>

```

### 21.4.3.5 Sample Message Request

John would want to see the pricing for an existing booking.

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <book:getBookingPrice xmlns:book="http://services.rccl.com/Interfaces/BookingPrice">
      <alp:OTA_CruisePriceBookingRQ TransactionActionCode="RetrievePrice" Version="1" SequenceNmbr="1"
      TimeStamp="2013-01-10T00:47:40.491-06:00" xmlns:alp="http://www.opentravel.org/OTA/2003/05/alpha">
        <alp:POS>
          .....
        </alp:POS>
        <alp:SailingInfo/>
        <alp:ReservationInfo>
          <alp:ReservationID ID="17951" Type="14"/>
          <alp:GuestDetails>
            <alp:GuestDetail/>
          </alp:GuestDetails>
        </alp:ReservationInfo>
      </alp:OTA_CruisePriceBookingRQ>
    </book:getBookingPrice>
  </soapenv:Body>
</soapenv:Envelope>

```

### 21.4.3.6 Sample Message Response

This price returned is asis pricing for the booking;

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <price:getBookingPriceResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
    xmlns:price="http://services.rccl.com/Interfaces/BookingPrice">
      <alpha:OTA_CruisePriceBookingRS SequenceNmbr="0" Version="1.0">
        <alpha:Success/>
        <alpha:ReservationID ID="17951" Type="14"/>
        <alpha:SailingInfo>
          <alpha:InclusivePackageOption CruisePackageCode="FR07W117"/>
          <alpha:SelectedCategory FareCode="00049157" PromotionDescription="FR STD PRICE"/>
        </alpha:SailingInfo>
        <alpha:BookingPayment>
          <alpha:BookingPrices>
            <alpha:BookingPrice Amount="500.00" PriceTypeCode="6"/>
            <alpha:BookingPrice Amount="866.22" PriceTypeCode="3"/>
            <alpha:BookingPrice Amount="866.22" PriceTypeCode="100"/>
            <alpha:BookingPrice Amount="866.22" PriceTypeCode="8"/>
            <alpha:BookingPrice Amount="817.72" PriceTypeCode="42"/>
            <alpha:BookingPrice Amount="48.50" PriceTypeCode="102"/>
            <alpha:BookingPrice PriceTypeCode="98"/>
            <alpha:BookingPrice Percent="10.00" PriceTypeCode="73"/>
          </alpha:BookingPrices>
        </alpha:BookingPayment>
      </alpha:OTA_CruisePriceBookingRS>
    </price:getBookingPriceResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

```

</alpha:BookingPrices>
<alpha:PaymentSchedule>
  <alpha:Payment Amount="500.00" DueDate="2013-05-18" PaymentNumber="1"/>
  <alpha:Payment Amount="866.22" DueDate="2013-09-24" PaymentNumber="2"/>
</alpha:PaymentSchedule>
<alpha:GuestPrices>
  <alpha:GuestPrice>
    <alpha:PriceInfos>
      <alpha:PriceInfo Amount="485.00" PriceTypeCode="49"/>
      <alpha:PriceInfo Amount="48.50" Percent="10.00" PriceTypeCode="73"/>
      <alpha:PriceInfo Amount="175.00" PriceTypeCode="60"/>
      <alpha:PriceInfo Amount="103.11" PriceTypeCode="18"/>
      <alpha:PriceInfo Amount="763.11" PriceTypeCode="8"/>
      <alpha:PriceInfo Amount="48.50" PriceTypeCode="80"/>
      <alpha:PriceInfo Amount="714.61" PriceTypeCode="42"/>
      <alpha:PriceInfo PriceTypeCode="156"/>
    </alpha:PriceInfos>
  </alpha:GuestPrice>
  <alpha:GuestPrice>
    <alpha:PriceInfos>
      <alpha:PriceInfo Amount="0.00" PriceTypeCode="49"/>
      <alpha:PriceInfo Amount="0.00" PriceTypeCode="60"/>
      <alpha:PriceInfo Amount="103.11" PriceTypeCode="18"/>
      <alpha:PriceInfo Amount="103.11" PriceTypeCode="8"/>
      <alpha:PriceInfo Amount="103.11" PriceTypeCode="42"/>
    </alpha:PriceInfos>
  </alpha:GuestPrice>
</alpha:GuestPrices>
</alpha:BookingPayment>
</alpha:OTA_CruisePriceBookingRS>
</price:getBookingPriceResponse>
</soapenv:Body>
</soapenv:Envelope>

```

### 21.4.3.7 Auto Add Options

#### Mandatory Auto Add Charges:

During the price booking process the mandatory charges will be retained in the booking irrespective of the guest preference.

```

< SelectedOptions OptionCode="FUEL" />
< SelectedOptions OptionCode="FUEL" SelectedOptionsIndicator="true" />
< SelectedOptions OptionCode="FUEL" SelectedOptionsIndicator="false" />
< ** FUEL option is not sent back in the request ** />

```

In all the above cases the item will be included in the pricing.

#### Non-Mandatory Auto Add Charges:

During the pricing booking process the non-mandatory charges will be retained in the booking unless the explicit opt out is specified.

```

< SelectedOptions OptionCode="FUEL" SelectedOptionsIndicator="true" />
< SelectedOptions OptionCode="FUEL" />
< ** FUEL option is not sent back in the request ** />

```

In all the above cases the item will be included in the pricing.

Non-mandatory charges can be opted out by explicating setting the selectedOptionIndicator to “False”.

```

< SelectedOptions OptionCode="FUEL" SelectedOptionsIndicator="false" />

```

If “false” is sent the item will not be included in the pricing response. This declined item can only be added back by back office process by calling in.

Additional information about auto add charges will be returned in Guest Level pricing.

```
<alpha:PriceInfo Amount="30.00" CodeDetail="FUEL" PriceTypeCode="107" OptionType = "8"  
AutoAddedIndicator="true" MandatoryIndicator="false" ItemizableIndicator="false" PricingLevel="2" />  
<alpha:PriceInfo Amount="3.00" CodeDetail="FUEL" PriceTypeCode="127" OptionType = "8" />  
<alpha:PriceInfo Amount="00.00" CodeDetail="OBC" PriceTypeCode="108" OptionType = "10"  
AutoAddedIndicator="true" MandatoryIndicator="true" ItemizableIndicator="false" FaceValue="250.00"  
FaceCurrency="USD" PricingLevel="1" />  
<alpha:PriceInfo Amount="0" CodeDetail="OBC" PriceTypeCode="128" OptionType = "10" />
```

## **22.5 Error Handling**

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## **22.6 Special Design Considerations**

None

## 23. Cruise Validate Linked Bookings Message

### 23.1 Functional Overview

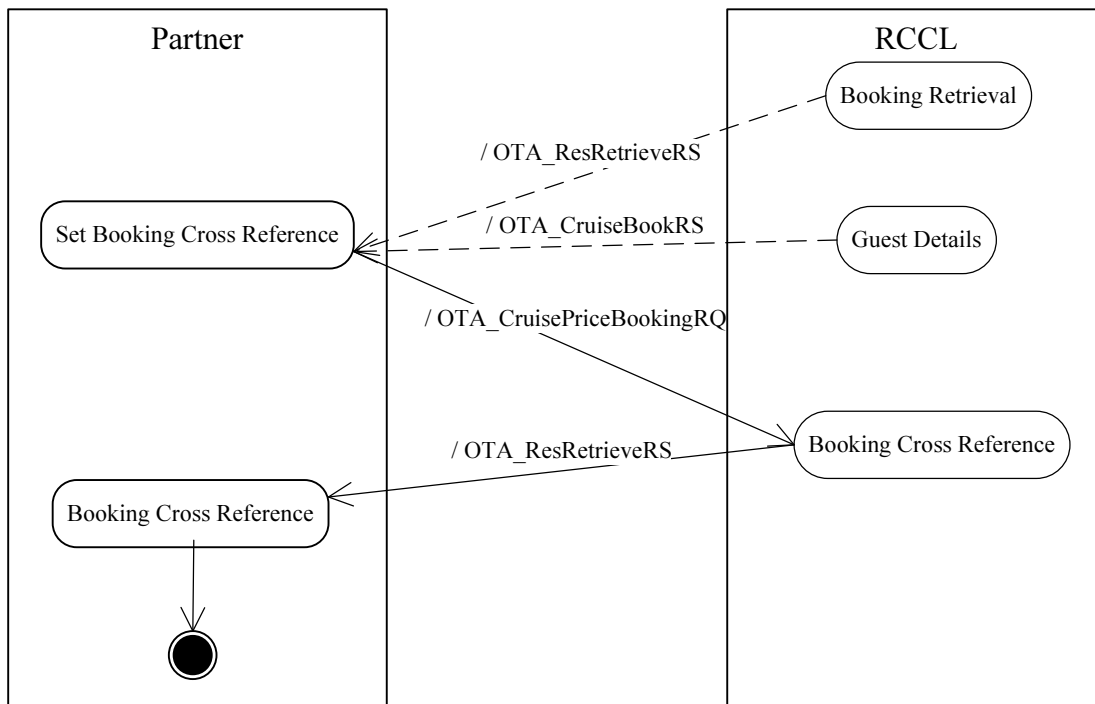
The Validate Linked Bookings Request message is used to validate the cross reference booking numbers for all the categories – Tours, Dining, and Air.

The response will include, next to each booking id being linked, a ‘Y’ or ‘N’ stating whether the link was successfully created or not. Please see sample response for more details.

#### 23.1.1 Transaction Services

- Validates whether
  - The bookings are valid
  - The bookings are in the same sailing
- Links up to 8 valid bookings per link type:
  - Dining – OTA LTC code 2
  - Tour (Hotels) – OTA LTC code 3
  - Air – OTA LTC code 6

### 23.2 Typical Process Flows



### 23.3 Schema Specification

The schemas for Cruise Validate Linked Bookings request and response are OTA\_CruisePriceBookingRQ and either OTA\_ResRetrieveRS. Our implementation is based on the OTA\_2007A schema specification.

#### 23.3.1 Cruise Validate Linked Bookings Request

##### 23.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType
SailingInfo	SailingCategoryInfoType
ReservationInfo	CruiseGuestInfoType

##### 23.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Maximum of 8 valid booking cross reference IDs are allowed for each cross-reference type for a reservation.
- ReservationInfo/ReservationID is intended to be used for RCL Reservation ID only. PNRs are not supported.

##### 23.3.1.3 Extensions

None

#### 23.3.2 Cruise Validate Linked Bookings Response

##### 23.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

##### 23.3.2.2 Constraints and Restrictions

- None

##### 23.3.2.3 Extensions

- None

## 23.4 Message User Guide

### 23.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePriceBookingRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruisePriceBookingRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruisePriceBookingRQ/ReservationInfo/ReservationID/@ID	Integer	7	Y
/OTA_CruisePriceBookingRQ/ReservationInfo/LinkedBookings/LinkedTypeCode['2']/UniqueID[1-8]/@ID	Integer	7	N
/OTA_CruisePriceBookingRQ/ReservationInfo/LinkedBookings/LinkedTypeCode['3']/UniqueID[1-8]/@ID	Integer	7	N
/OTA_CruisePriceBookingRQ/ReservationInfo/LinkedBookings/LinkedTypeCode['6']/UniqueID[1-8]/@ID	Integer	7	N

### 23.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_ResRetrieveRS/Warnings/Warning[1-25]	String	80	N
/OTA_ResRetrieveRS/Warnings/Warning[1-25]/@ShortText	String	7	N
/OTA_ResRetrieveRS/Warnings/Warning[1-25]/@Type	Integer	1	N
/OTA_ResRetrieveRS/Success	Node		N
/OTA_ResRetrieveRS/ReservationList/LinkedBookings/LinkedBooking[1-32]/@LinkTypeCode	Integer	2	N
/OTA_ResRetrieveRS/ReservationList/LinkedBookings/LinkedBooking[1-32]/@Relation	String	8	N
/OTA_ResRetrieveRS/ReservationList/LinkedBookings/LinkedBooking[1-32]/UniqueID/@ID	Integer	7	N
/OTA_ResRetrieveRS/ReservationList/LinkedBookings/LinkedBooking[1-32]/UniqueID/@Type	Integer	2	N

### 23.4.3 Use Case

#### 23.4.3.1 Sample Message Request

John wants to create a dining link for his booking with id 8308 with a friend's booking with id 8310.

```
<m:validateLinkedBookings xmlns:m="http://services.rccl.com/Interfaces/LinkedBooking">
  <OTA_CruisePriceBookingRQ RetransmissionIndicator="false" SequenceNmbr="1" TimeStamp="2008-05-
23T10:30:09.957-04:00" TransactionIdentifier="123456" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      <Source AgentSine="HP6" TerminalID="HP6" PseudoCityCode="KK11" AgentDutyCode="7" ISOCurrency="USD">
        <BookingChannel Type="1">
          <CompanyName CompanyShortName="SABRE"/>
        </BookingChannel>
      </Source>
    </POS>
    <SailingInfo>
      <SelectedSailing Start="2009-08-02">
        <CruiseLine ShipCode="FR"/>
      </SelectedSailing>
    </SailingInfo>
    <ReservationInfo>
      <ReservationID ID="8308" Type="14"/>
      <GuestDetails>
        <GuestDetail/>
      </GuestDetails>
      <LinkedBookings>
        <LinkedBooking LinkTypeCode="2">
```



```

    <UniqueID ID="8310" Type="14"/>
  </LinkedBooking>
</LinkedBookings>
</ReservationInfo>
</OTA_CruisePriceBookingRQ>
</m:validateLinkedBookings>

```

### 23.4.3.2 Sample Message Response

The response indicates that the request to link the bookings has been received and recorded.

```

<booking:validateLinkedBookingsResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:booking="http://services.rccl.com/Interfaces/LinkedBooking">
  <alpha:OTA_ResRetrieveRS Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:ReservationsList>
      <alpha:CruiseReservation>
        <alpha:SailingInfo/>
        <alpha:ReservationInfo>
          <alpha:GuestDetails>
            <alpha:GuestDetail/>
          </alpha:GuestDetails>
          <alpha:LinkedBookings>
            <alpha:LinkedBooking Relation="Y" LinkTypeCode="2">
              <alpha:UniqueID ID="8310" Type="14"/>
            </alpha:LinkedBooking>
          </alpha:LinkedBookings>
        </alpha:ReservationInfo>
      </alpha:CruiseReservation>
    </alpha:ReservationsList>
  </alpha:OTA_ResRetrieveRS>
</booking:validateLinkedBookingsResponse>

```

## 23.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 23.6 Special Design Considerations

None

## 24. Cruise Payment Extension Message

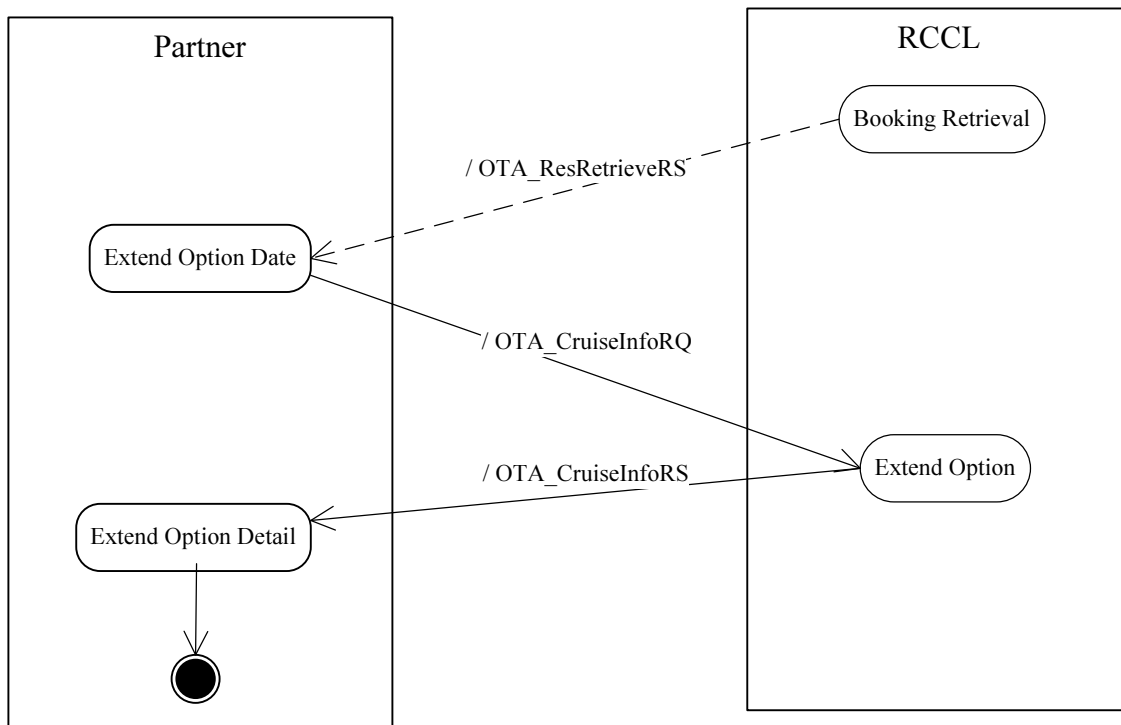
### 24.1 Functional Overview

The Cruise Payment Extension request message requests for an extension of the booking option date. Prior to invoking the payment extension message, the current option date may be retrieved through Cruise Booking Retrieval or Cruise Price Booking.

#### 24.1.1 Transaction Services

- The response also returns the new option date that can be used in the Cruise Book message.

### 24.2 Typical Process Flows



### 24.3 Schema Specification

The schemas for Cruise Payment Extension request and response are `OTA_CruiseInfoRQ` and either `OTA_CruiseInfoRS`. Our implementation is based on the `OTA_2007A` schema specification.

### 24.3.1 Cruise Payment Extension Request

#### 24.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType

#### 24.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- ReservationInfo/ReservationID is intended to be used for RCL Reservation ID only. PNRs are not supported.

#### 24.3.1.3 Extensions

None

### 24.3.2 Cruise Payment Extension Response

#### 24.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

#### 24.3.2.2 Constraints and Restrictions

- None

#### 24.3.2.3 Extensions

None

## 24.4 Message User Guide

### 24.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseInfoRQ/InformationType/ReservationID/@ID	Integer	7	Y
/OTA_CruiseInfoRQ/InformationType/ReservationID/@StatusCode	Integer	2	Y
/OTA_CruiseInfoRQ/InformationType/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseInfoRQ/InformationType/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y

## 24.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseInfoRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseInfoRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseInfoRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseInfoRS/Success	Node		N
/OTA_CruiseInfoRS/InformationType[1-2]/@Code	String	1	N
/OTA_CruiseInfoRS/InformationType[1-2]/@Date	Date		N
/OTA_CruiseInfoRS/InformationType[1-2]/@Name	String	30	N

## 24.4.3 Use Case

John wants to extend payment for his booking with id 8302 on the Freedom of the Seas.

### 24.4.3.1 Sample Message Request

```
<m:getPaymentExtension xmlns:m="http://services.rccl.com/Interfaces/PaymentExtension">
  <m0:OTA_CruiseInfoRQ RetransmissionIndicator="false" SequenceNmbr="1" Target="Test" TimeStamp="2009-02-26T17:05:29" TransactionStatusCode="Start" Version="2.0">
    <m0:POS>
      ...
    </m0:POS>
    <m0:InformationType>
      <m0:ReservationID ID="8308" StatusCode="42" Type="14"/>
      <m0:SailingInfo>
        <m0:SelectedSailing Start="2009-08-02">
          <m0:CruiseLine ShipCode="FR"/>
        </m0:SelectedSailing>
      </m0:SailingInfo>
    </m0:InformationType>
  </m0:OTA_CruiseInfoRQ>
</m:getPaymentExtension>
```

### 24.4.3.2 Sample Message Response

The response indicates that the payment extension request was processed successfully.

```
<extension:getPaymentExtensionResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:extension="http://services.rccl.com/Interfaces/PaymentExtension">
  <alpha:OTA_CruiseInfoRS Version="1.0">
    <alpha:Success/>
    <alpha:InformationType Code="1" Date="2009-03-13" Name="Payment extended before"/>
    <alpha:InformationType Code="2" Date="2009-05-24" Name="Payment extended before"/>
  </alpha:OTA_CruiseInfoRS>
</extension:getPaymentExtensionResponse>
```

## 24.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 24.6 Special Design Considerations

None

## 25. Cruise Confirm Booking Message

### 25.1 Functional Overview

The Cruise Confirm Booking message is used to create a booking, amend a booking or cancel a booking on the RCL reservation system for a specific sailing, with a specified mode of transportation/gateway city pair and currency, and a selected fare/category pair, for one or more passengers in a specific cabin.

Prior to submitting a Confirm Booking request message, a cabin must have been placed on hold. The only exception to this is if a cabin is reserved as a guarantee, rather than a specific cabin. If a booking transaction is not completed when the cabin is held, it can still be booked if it is available at the time of the booking request receipt. In case the cabin is not available, then an error is sent back to select a new cabin.

The response message indicates if the request was successful and returns a Reservation ID number.

In amend mode, the client must provide the existing passenger ids for the given booking. Please use //ContactInfo/@GuestRefNumber to provide the existing passenger ids.

This transaction performs the following functions:

- It is a comprehensive general-purpose validation program that can check the validity and availability of all the components that have been selected for a booking. If errors are found, the process stops and the appropriate error message is returned in the response.
- If all the components are valid and the request indicates that the booking should be confirmed, the transaction program will confirm the new or amended booking by recording the changes in the RCL reservation system.
- If the credit card details are entered here and all the input fields are validated, the credit card payment will be applied to the booking.
- Cruise Booking Amend is similar to creating a booking except that the Reservation ID is already available.
- The first guest is always considered to be the primary guest. In situations where there is a need to change the primary guest associated with a booking, the details of the guest who should be designated as the primary contact for a booking should be sent first in the booking confirm or amend requests.
- For travel partners operating in USA and Canada, a mobile contact and email address will be required for the first guest in the reservation, by no later than the

- due date for final payment. This information will be captured as part of First Guest Alternate address contact.
- It is possible to provide a booking to link to when the booking is created or amended. However, the booking link is only a request and does not guarantee that the guests on the linked bookings will dine or fly together.
  - SelectedSailing/@Status of 60 instructs RCL to handle the amendment as a cruise reschedule
  - During the confirm booking process the mandatory charges will be retained in the booking irrespective of the guest preference. the non-mandatory charges will be retained in the booking unless the explicit opt out is specified. Non-mandatory charges can be opted out by explicitly setting the selectedOptionIndicator to “False”. If “false” is sent the item will be removed from the booking. Confirmation response will have the updated pricing information. This declined item can only be added back by back office process by calling in. Additional information about auto add charges will be returned in Guest Level pricing.
  - Accessible stateroom qualifiers will be accepted in the request. Customer preference for accessible/non-accessible staterooms will be stored. Partners may choose to opt out for the qualifier input.
  - Pricing and Promotions
    - Guest level promotional qualifiers are accepted.
    - Promotional qualifiers are required to price and confirm restricted promotions.
    - Lowest Available Fare (LAF) is now being replaced with Best Rate (BESTRATE).
    - Best Available Offer concept (BVL-BestValue) is also being introduced.
    - Promotional Qualifiers are required both in create and amend mode for restricted promotions.
    - In booking amend mode, all promotional qualifiers set at the guest level is expected back in the request (unless explicitly changed by the agent) to retain any applied restricted promotional discounts.
    - Booking confirmation can be requested with the following pricing combinations;

- BESTRATE – Best rate will be applied based on the input promotional qualifiers.
- BVL – Best Value will be applied based on the input qualifiers. If Best Value is not applicable for the sailing, BESTRATE will be returned.
- Base Price Id/ Lead Promotion ID – Booking will be confirmed with base price id or Lead promotion id with any applicable combinable promotions.
- List of Promotions with or without Lead Promotion ID – Booking will be confirmed with the combination set requested based on the eligibility.
- **Guest Pre-vacation contact**
  - For travel partners operating in USA and Canada, a mobile contact and email address will be required for the first guest in the reservation, by no later than the due date for final payment. This information will be returned as part of First Guest Alternate address contact.
- **Non-Refundable Promotions**
  - Promotions can be classified as Refundable, Non-Refundable Deposit and Non-Refundable Full Fare types.
  - Every promotion returned in the response will have Refundability type indicator.
    - 1 - "No Restrictions - Refundable"
    - 2 - "Non-Refundable - Deposit"
    - 3 - "Non-Refundable - Full Fare"
  - Bookings will be marked as NonRefundable, if it had/has Non-Refundable promotions during the booking lifecycle. This indicator will be identified as Greatest Refundability type and will be returned as *BookingNonRefundableType* in booking retrieval, pricing and confirmation responses.
  - Refundable and Non-Refundable types will be included in the response by default. Non-Refundable types can be excluded from the response by explicitly setting the “IncludeNonRefundablePromos” Indicator to “No”.

<SelectedCategory PricedCategoryCode="Q" BerthedCategoryCode="Q" IncludeNonRefundablePromos="No"  
FareCode="B7227949">

- **Global Guest Data**

- In Language guest level attributes such as first name, last name and middle name will be captured and maintained for Chinese markets.

### 25.1.1 Transaction Services

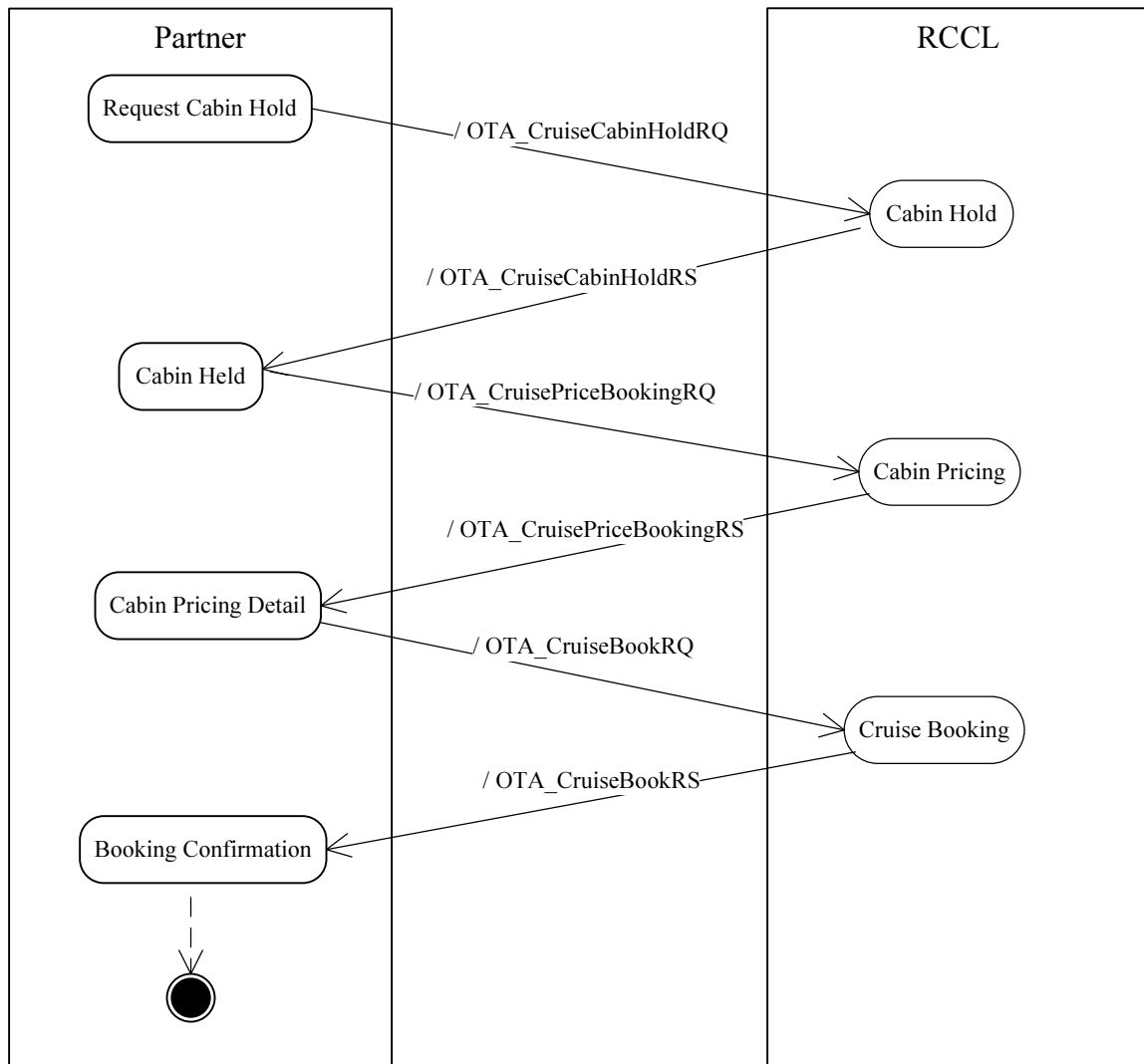
In amend mode, the system:

- Applies the following defaults:
  - If the package code is blank, the package code “just a cruise” is defaulted.
  - If the promo code that is requested is “LAF” (lowest available fare) / BESTRATE (Best Rate), the application automatically finds the lowest available fare code associated with the guests other selections. However, RCL strongly recommends using the specific promo code used in the Pricing message since LAF can change during the booking process.
  - If the selected package includes tours, the reservation system will validate that the selected tour does not conflict with the package.
  - If a guest is removed from the booking, any couple dependent special services (anniversary and honeymoon) will be dropped and a warning message will be returned.
- All components are checked for validity and availability (when appropriate). These components include;
  - The agency
  - The desired currency
  - The ship
  - The departure date
  - The package identifier
  - The price program
  - The category of actual cabin being requested (Cabin category)
  - The category of cabin at which the pricing is being requested (Rate Category)
  - The cabin number
  - Trip Insurance
  - Guest Details
  - Air transportation gateways
  - Tours
  - Special Services
  - Options
  - Buses
  - Cruise Only Transfers
  - Guest Level promotional qualifiers
- If the components are valid and the confirmation is requested, the transactions records all the components in RCL’s reservation system and returns a confirmation number that will be used to reference the booking in all subsequent activity.



- Generally, all new bookings confirmed by this transaction will be in offered status. When a payment is applied to the reservation, the status will then change to confirmed once the payment has been posted.
- Certain agencies may be able to indicate that booking payment will be done with a bank check.

## 25.2 Typical Process Flow



## 25.3 Schema Specification

The schemas for Cruise Confirm Booking request and response are OTA\_CruiseBookRQ and OTA\_CruiseBookRS. Our implementation is based on the OTA\_2007A schema specification.

### 25.3.1 Cruise Confirm Booking Request

#### 25.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType
SailingInfo	SailingCategoryInfoType
ReservationInfo	CruiseGuestInfoType

#### 25.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Maximum of 8 valid Booking Cross Reference IDs' are allowed for each cross-reference type for a reservation.
- ReservationInfo/ReservationID is intended to be used for RCL Reservation ID only. PNRs are not supported.
- Deleted guest element is ignored.
- Selected fare code will be read from the SelectedCategory node. All others will be ignored.
- Combinable promotion set can be sent in SelectedCategory/SelectedPromotions node.
- In Guest Detail, one guest transportation value needs to be in confirmed status. Optionally, the second occurrence might be a waitlist.
- In Guest Detail, one Selected Dining needs to be in confirmed status. Optionally, the second occurrence might be a waitlist.
- Upto five fare qualifiers can be set per guest.
- Only one coupon code can set in SelectedOffers node per guest.
- Only one occurrence of Loyalty Info is supported per guest.
- Only one occurrence of Selected Insurance is supported per guest.
- A maximum of four Selected Special Services per guest is supported.

#### 25.3.1.3 Extensions

- None

### 25.3.2 Cruise Confirm Booking Response

#### 25.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
ReservationID	UniqueID_Type (extends)
SailingInfo	SailingCategoryInfoType
PolicyInfo	ParagraphType

BookingPayment	CruiseBookingInfoType
Errors	ErrorsType

### 25.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- The summary totals need to be computed by the partner based on the individual amounts provided as a part of the response message.
- ReservationID is intended to be used for RCL Reservation ID only. PNRs are not supported.

### 25.3.2.3 Extensions

- None

## 25.4 Message User Guide

### 25.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseBookRQ/[@TransactionActionCode='Modify'    'Commit'    'Cancel']	String	6	Y
/OTA_CruiseBookRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseBookRQ/SailingInfo/SelectedSailing/@Status='60'	Integer	2	N
/OTA_CruiseBookRQ/SailingInfo/SelectedSailing/@Duration	String	4	Y
/OTA_CruiseBookRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruiseBookRQ/SailingInfo/SelectedCategory/@FareCode	String	8	Y
/OTA_CruiseBookRQ/SailingInfo/SelectedCategory/@IncludeNonRefundablePromos	YesNoType		N
/OTA_CruiseBookRQ/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruiseBookRQ/SailingInfo/SelectedCategory[@WaitlistIndicator = 'false']/@BerthedCategoryCode	String	2	N
/OTA_CruiseBookRQ/SailingInfo/SelectedCategory/@PricedCategoryCode	String	2	Y
/OTA_CruiseBookRQ/SailingInfo/SelectedCategory[@WaitlistIndicator='true']/SelectedCabin/@CabinNumber	String	5	N
/OTA_CruiseBookRQ/SailingInfo/SelectedCategory[@WaitlistIndicator='true']/@BerthedCategoryCode	String	2	N
/OTA_CruiseBookRQ/SailingInfo/SelectedCategory/CabinAttributes/CabinAttribute/@CabinAttributeCode	String	2	N
/OTA_CruiseBookRQ/SailingInfo/SelectedCategory[@WaitlistIndicator='false']/SelectedCabin[@Status='46'    '39']/@CabinNumber	String	5	Y
/OTA_CruiseBookRQ/SailingInfo/SelectedCategory[@WaitlistIndicator='false']/SelectedCabin[@Status='39']/CabinConfiguration/@BedConfigurationCode	String	2	N
/OTA_CruiseBookRQ/SailingInfo/SelectedCategory[@WaitlistIndicator='false']/SelectedPromotions[0-25]/@PromotionCode	String	16	N
/OTA_CruiseBookRQ/ReservationInfo/ReservationID[1]/@ID	Integer	7	N
/OTA_CruiseBookRQ/ReservationInfo/ReservationID[1]/@Instance	Integer	1	N
/OTA_CruiseBookRQ/ReservationInfo/ReservationID[1]/@BookedDate	Date		N
/OTA_CruiseBookRQ/ReservationInfo/ReservationID[1]/@StatusCode	Integer	2	N
/OTA_CruiseBookRQ/ReservationInfo/ReservationID[1]/@LastModifyDateTime	Datetime		N
/OTA_CruiseBookRQ/ReservationInfo/ReservationID/@OfferDate	Date		N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[1]/@ExtendedIndicator	Boolean		N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[2]/BankAcct/@ChecksAcceptedInd = 'true'	Boolean		N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[2]/BankAcct/@CheckNumber	String	8	N

/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[1]/@ExtendedDepositDate	Date		N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[2]/PaymentAmount/@Amount	Integer	13	N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[3]/@ExtendedDepositDate	Date		N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[4]/PaymentCard/CardHolderName	String	33	N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[4]/PaymentCard/@CardNumber	Integer	20	N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[4]/PaymentCard/@CardCode	String	2	N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[4]/PaymentCard/@EffectiveDate MMY	String	4	N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[4]/PaymentCard/@ExpireDate MMY	String	4	N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[4]/PaymentCard/@ExtendPaymentIndicator	Boolean		N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[4]/PaymentAmount/@Amount	Integer	13	N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[4]/PaymentCard/Address/AddressLine	String	25	N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[4]/PaymentCard/Address/CityName	String	15	N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[4]/PaymentCard/Address/StateProv/@StateCode	String	2	N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[4]/PaymentCard/Address/CountryName/@Code	String	2	N
/OTA_CruiseBookRQ/ReservationInfo/PaymentOptions/PaymentOption[4]/PaymentCard/Address/PostalCode	String	9	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1]	<node>		Y
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[2-4]	<node>		N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedInsurance/@SelectedOptionIndicator	Boolean		N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedInsurance/@InsuranceCode	String	4	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument/DocLimitations	String	1	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/CruiseDocument/@DeliveryMethodCode	Integer	1	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/CruiseDocument/@DocumentLanguage	String	2	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument/@ExpireDate	Date		N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument[@DocType='2']/@DocID	String	12	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument[@DocType='5']/@DocID	String	12	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument[@DocType='5']/DocLimitations	String	1	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/LoyaltyInfo[1]/@MembershipID	Integer	9	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/@GuestRefNumber	Integer	9	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/PersonName/Surname	String	18	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/PersonName/GivenName	String	14	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/PersonName/NameTitle	String	4	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/Address/AddressLine	String	25	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/Address/AddressLine[2]	String	25	N

/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/Address/CityName	String	15	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/Address/StateProv	String	2	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/Address/CountryName/@Code	String	2	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/Email	String	60	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/Email[EmailType='1']	String	60	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/Address/PostalCode	String	9	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/Telephone[@PhoneTechType='3']/@PhoneNumber	String	19	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/Telephone[@PhoneLocationType='7']/@PhoneNumber	String	19	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='ALT']/Telephone[@PhoneLocationType='6']/@PhoneNumber	String	19	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/PersonName/Surname	String	18	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/PersonName/MiddleName	String	14	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/PersonName/GivenName	String	14	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/PersonName/NameTitle	String	4	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/@MiddleNameFlag	String	3	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/@Age	Integer	3	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/@Nationality	String	2	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/@BirthDate	Date		N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/Address/PostalCode	String	9	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/Telephone/@PhoneNumber	String	19	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/Address/AddressLine	String	25	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/Address/CityName	String	15	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/Address/StateProv/@StateCode	String	2	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/Address/CountryName/@Code	String	2	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='CNT']/FareQualifiers[0-5]/@FareRestrictions	String	1	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='EMG']/PersonName/Surname	String	18	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='EMG']/PersonName/GivenName	String	14	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='EMG']/Address/AddressLine[1]	String	25	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='EMG']/Address/AddressLine[2]	String	25	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='EMG']/Address/CityName	String	15	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='EMG']/Address/StateProv/@StateCode	String	2	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='EMG']/Address/CountryName/@Code	String	2	N

/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='EMG']/Address/PostalCode	String	9	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='EMG']/Telephone/@PhoneNumber	String	19	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='LNG']/PersonName/Surname	String	18	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='LNG']/PersonName/MiddleName	String	14	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo[@ContactType='LNG']/PersonName/GivenName	String	14	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[@Status!='46']/@FamilyTimeIndicator	Boolean		N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[@Status!='46']/@SittingType	String	11	Y
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[@Status!='46']/@Sitting	String	1	Y
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[@Status!='46']/@SmokingCode	String	1	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[@Status!='46']/@AgeCode	Integer	2	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[@Status!='46']/@Language	String	2	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[@Status!='46']/@TableSize	String	2	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[@Status='46']/@SittingType	String	11	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[@Status='46']/@Sitting	String	1	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOffers[0-1]/@PromotionCode	String	16	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation/@AirAccommodationType='Deviation'	String	9	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation/DepartureCity/@LocationCode	String	3	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation/@DepartureDateTime	Datetime		N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation/ArrivalCity/@LocationCode	String	3	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation/@ArrivalDateTime	Datetime		N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[@AirAccommodationType='I'    'O']	String	1	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation/Airline/@Code	String	3	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation/Airline/@FlightNumber 5	String	5	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[@PackageTypeCode='5'    '6'    '7'    '8'    '9'    '10'    '11']/@Status	Integer	2	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-6][@PackageTypeCode='5'    '6'    '7'    '8'    '9'    '10'    '11']/@CruisePackageCode	String	8	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[@PackageTypeCode='5'    '6']/Location[1]/@LocationCode	String	3	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/@Date	Date		N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/@NbrOfYears	Integer	2	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/@Code	String	4	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/Comment/Text	String	10	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-	String	3	N

4]/GuestTransportation[1][@Status='46' and @Mode='14']/GatewayCity/@LocationCode			
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/GuestTransportation[1][@Status='39' and @Mode='29']/@LocationCode	String	3	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/LinkedTraveler[@LinkTypeCode='8'    '9']/@Relation	String	2	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOptions[1-20]/@OptionCode	String	4	N
/OTA_CruiseBookRQ/ReservationInfo/GuestDetails/GuestDetail[1-4]/Profiles/CruiseProfile/@Code	String	1	N
/OTA_CruiseBookRQ/ReservationInfo/LinkedBookings/LinkedBooking[1-8][@LinkTypeCode='2'    '3'    '6']/UniqueID/@ID	String	7	N
/OTA_CruiseBookRQ/AgentInfo/@Contact	String	15	N

## 25.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseBookRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseBookRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseBookRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseBookRS/Success	Node		N
/OTA_CruiseBookRS/ReservationID/@ID	Integer	7	N
/OTA_CruiseBookRS/ReservationID/@Type	Integer	2	N
/OTA_CruiseBookRS/ReservationID/@StatusCode	Integer	2	N
/OTA_CruiseBookRS/SailingInfo/SelectedCategory/@FareCode	String	8	N
/OTA_CruiseBookRS/SailingInfo/SelectedCategory/@NonRefundableType	OTA_CodeType		N
/OTA_CruiseBookRS/SailingInfo/SelectedCategory/@BookingNonRefundableType	OTA_CodeType		N
/OTA_CruiseBookRS/BookingPrices/BookingPrice[1-15]/@Amount	String	14	N
/OTA_CruiseBookRS/BookingPrices/BookingPrice[1-15]/@PriceTypeCode	Integer	3	N
/OTA_CruiseBookRS/BookingPayment/PaymentSchedule/Payment[1-2]/@Amount	String	14	N
/OTA_CruiseBookRS/BookingPayment/PaymentSchedule/Payment[1-2]/@PaymentNumber	Integer	1	N
/OTA_CruiseBookRS/BookingPayment/PaymentSchedule/Payment[1-2]/@DueDate	Date		N
/OTA_CruiseBookRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@PricedComponentType	String	1	N
/OTA_CruiseBookRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@Amount	String	14	N
/OTA_CruiseBookRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@PriceTypeCode	Integer	3	N
/OTA_CruiseBookRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@Percent	String	6	N
/OTA_CruiseBookRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@PriceComponentCode	String	10	N
/OTA_CruiseBookRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@CodeDetail	String	10	N
/OTA_CruiseBookRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@NonRefundableType	OTA_CodeType		N
/OTA_CruiseBookRS/BookingPayment/GuestPrices/GuestPrice[1-4]/PriceInfos/PriceInfo[1-65]/@BookingNonRefundableType	OTA_CodeType		N
/OTA_CruiseBookRS/BookingPayment/PolicyInfo/Text	String	3200	N

## 25.4.3 Use Case

John and Mary Traveler have decided to go on the Freedom of the Seas for a 7 night cruise sailing on 2009-08-02. They have decided that they want cabin 1382 in category D1 and the agent has selected the BRK307 promo code. They have provided their passport information and selected E-docs for documentation delivery and have also selected pre-paid gratuities and insurance. Additionally, they are reserving a post cruise tour and selected Los Angeles and Dallas as their air gateways. Their neighbors are

already booked on the same sailing with booking id 1112223 and John has asked RCL to link their dining reservations so that they can dine together.

Note: The payment node is included only as an example. The sample response does not reflect that a payment has been applied to the booking in question.

### 25.4.3.1 Sample Message Request

```
<m:confirmBooking xmlns:m="http://services.rccl.com/Interfaces/ConfirmBooking">
  <OTA_CruiseBookRQ SequenceNmbr="1" TimeStamp="2008-11-24T14:24:47.877-05:00"
  TransactionActionCode="Commit" TransactionIdentifier="0" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <AgentInfo Contact="Louise D Agent"/>
    <SailingInfo>
      <SelectedSailing Duration="P7N" Start="2009-08-02">
        <CruiseLine ShipCode="FR" VendorCode="RCC"/>
      </SelectedSailing>
      <InclusivePackageOption CruisePackageCode="FR07W032"/>
      <SelectedCategory BerthedCategoryCode="D1" FareCode="BRKE07" PricedCategoryCode="D1"
      WaitlistIndicator="false">
        <SelectedCabin CabinNumber="1382" Status="39"/>
      </SelectedCategory>
    </SailingInfo>
    <ReservationInfo>
      <ReservationID ID="0" LastModifyDateTime="2009-01-20T10:10:11.447-05:00" StatusCode="42" Type="14"/>
    <GuestDetails>
      <GuestDetail>
        <ContactInfo Age="25" ContactType="CNT" Nationality="US">
          <PersonName>
            <GivenName>JOHN</GivenName>
            <Surname>TRAVELER</Surname>
            <NameTitle>MR</NameTitle>
          </PersonName>
          <Telephone PhoneNumber="305-982-1111"/>
        </ContactInfo>
        <ContactInfo ContactType="EMG"/>
        <ContactInfo ContactType="ALT">
          <Email>myemail@address.com</Email>
          <Email EmailType="1">myemail@address.com</Email>
        </ContactInfo>
        <GuestTransportation Mode="14" Status="39">
          <GatewayCity LocationCode="LAX"/>
        </GuestTransportation>
        <TravelDocument DocID="12345" DocType="2" ExpireDate="2010-11-30"/>
        <SelectedDining Language="ES" Sitting="M" SittingType="Traditional"/>
        <SelectedInsurance SelectedOptionIndicator="true"/>
        <SelectedOptions OptionCode="FUEL"/>
        <SelectedPackages>
          <SelectedPackage CruisePackageCode="BF1AX" PackageTypeCode="11" Status="39"/>
        </SelectedPackages>
        <AirAccommodations>
          <AirAccommodation/>
        </AirAccommodations>
        <CruiseDocument DeliveryMethodCode="2"/>
      </GuestDetail>
      <GuestDetail>
        <ContactInfo Age="25" ContactType="CNT" Nationality="US">
          <PersonName>
            <GivenName>MARY</GivenName>
```



```

    <Surname>TRAVELER</Surname>
    <NameTitle>MRS</NameTitle>
  </PersonName>
</ContactInfo>
<ContactInfo ContactType="EMG"/>
<ContactInfo ContactType="ALT"/>
<GuestTransportation Mode="14" Status="39">
  <GatewayCity LocationCode="DFW"/>
</GuestTransportation>
<LoyaltyInfo MembershipID="99999999"/>
<TravelDocument DocID="888777" DocType="2" ExpireDate="2011-05-25"/>
<SelectedDining Language="ES" Sitting="Main" SittingType="Traditional"/>
<SelectedInsurance InsuranceCode="CRCR" SelectedOptionIndicator="true"/>
<SelectedOptions OptionCode="PPGR"/>
<SelectedPackages>
  <SelectedPackage CruisePackageCode="BF1AX" PackageTypeCode="11" Status="39"/>
</SelectedPackages>
<AirAccommodations/>
</GuestDetail>
</GuestDetails>
<LinkedBookings>
  <LinkedBooking LinkTypeCode="2">
    <UniqueID Type="14" ID="1112223"/>
  </LinkedBooking>
</LinkedBookings>
<PaymentOptions>
  <PaymentOption/>
  <PaymentOption/>
  <PaymentOption/>
  <PaymentOption>
    <PaymentCard CardCode="AX" CardNumber="1111111111111111" ExpireDate="0711"
ExtendPaymentIndicator="true">
      <CardHolderName>TRAVELER,JOHN</CardHolderName>
      <Address>
        <AddressLine>1428 ELM ST</AddressLine>
        <CityName>LOS ANGELES</CityName>
        <PostalCode>90046</PostalCode>
        <StateProv StateCode="CA"/>
        <CountryName Code="US"/>
      </Address>
    </PaymentCard>
    <PaymentAmount Amount="100000"/>
  </PaymentOption>
</PaymentOptions>
</ReservationInfo>
</OTA_CruiseBookRQ>
</m:confirmBooking>

```

### 25.4.3.2 Sample Message Response

The booking is now confirmed and a response indicating the same is returned.

```

<booking:confirmBookingResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:booking="http://services.rccl.com/Interfaces/ConfirmBooking">
  <alpha:OTA_CruiseBookRS SequenceNmbr="0" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:ReservationID ID="1234567" Type="14" StatusCode="42"/>
    <alpha:SailingInfo>
      <alpha:SelectedCategory FareCode="BRKE07"/>
    </alpha:SailingInfo>
    <alpha:BookingPayment>

```

```

<alpha:BookingPrices>
  <alpha:BookingPrice Amount="0" PriceTypeCode="3"/>
  <alpha:BookingPrice Amount="500.00" PriceTypeCode="6"/>
  <alpha:BookingPrice Amount="10.00" PriceTypeCode="73"/>
  <alpha:BookingPrice Amount="3980.12" PriceTypeCode="100"/>
  <alpha:BookingPrice Amount="605.75" PriceTypeCode="101"/>
  <alpha:BookingPrice Amount="361.80" PriceTypeCode="102"/>
  <alpha:BookingPrice Amount="1000.75" PriceTypeCode="8"/>
  <alpha:BookingPrice Amount="1000.45" PriceTypeCode="42"/>
</alpha:BookingPrices>
<alpha:PaymentSchedule>
  <alpha:Payment Amount="500.00" DueDate="2009-03-16" PaymentNumber="1"/>
  <alpha:Payment Amount="4585.87" DueDate="2009-05-24" PaymentNumber="2"/>
</alpha:PaymentSchedule>
<alpha:GuestPrices>
  <alpha:GuestPrice>
    <alpha:PricelInfos>
      <alpha:PricelInfo Amount="1690.00" PriceTypeCode="49"/>
      <alpha:PricelInfo Amount="159.00" PriceTypeCode="60"/>
      <alpha:PricelInfo Amount="138.77" PriceTypeCode="18"/>
      <alpha:PricelInfo Amount="35.00" CodeDetail="FUEL SUPPL" PriceTypeCode="107"/>
      <alpha:PricelInfo Amount="0.00" CodeDetail="FUEL SUPPL" PriceTypeCode="127"/>
      <alpha:PricelInfo Amount="119.00" CodeDetail="CRUISE CARE" PriceTypeCode="108"/>
      <alpha:PricelInfo Amount="11.90" CodeDetail="CRUISE CARE" Percent="10.00" PriceTypeCode="128"/>
      <alpha:PricelInfo Amount="180.90" PriceTypeCode="80"/>
      <alpha:PricelInfo Amount="169.00" Percent="10.00" PriceTypeCode="73"/>
      <alpha:PricelInfo Amount="132.25" PriceTypeCode="44"/>
      <alpha:PricelInfo Amount="500.00" PriceTypeCode="8"/>
      <alpha:PricelInfo Amount="500.00" PriceTypeCode="42"/>
      <alpha:PricelInfo PriceTypeCode="156"/>
    </alpha:PricelInfos>
  </alpha:GuestPrice>
  <alpha:GuestPrice>
    <alpha:PricelInfos>
      <alpha:PricelInfo Amount="1690.00" PriceTypeCode="49"/>
      <alpha:PricelInfo Amount="159.00" PriceTypeCode="60"/>
      <alpha:PricelInfo Amount="143.35" PriceTypeCode="18"/>
      <alpha:PricelInfo Amount="119.00" CodeDetail="CRUISE CARE" PriceTypeCode="107"/>
      <alpha:PricelInfo Amount="11.90" CodeDetail="CRUISE CARE" Percent="10.00" PriceTypeCode="127"/>
      <alpha:PricelInfo Amount="68.25" CodeDetail="GRATUITIES" PriceTypeCode="108"/>
      <alpha:PricelInfo Amount="0.00" CodeDetail="GRATUITIES" PriceTypeCode="128"/>
      <alpha:PricelInfo Amount="180.90" PriceTypeCode="80"/>
      <alpha:PricelInfo Amount="169.00" Percent="10.00" PriceTypeCode="73"/>
      <alpha:PricelInfo Amount="132.25" PriceTypeCode="44"/>
      <alpha:PricelInfo Amount="500.00" PriceTypeCode="8"/>
      <alpha:PricelInfo Amount="500.00" PriceTypeCode="42"/>
      <alpha:PricelInfo PriceTypeCode="156"/>
    </alpha:PricelInfos>
  </alpha:GuestPrice>
</alpha:GuestPrices>
<alpha:PolicyInfo>

```

<alpha:Text>Note: For North American Reservations, a fuel supplement of \$10.00 per person per day for the first two guests in a stateroom (subject to a maximum of \$140 per person) applies; each additional guest in the stateroom will be charged \$5.00 per person, per day (subject to a maximum of \$50 per person). For certain non-US bookings, the fuel supplement amount will be in different currencies and amounts. In order to facilitate your clients boarding experience and meet the new Border Security Act requirements, direct your clients to pre-register themselves by visiting our consumer web site: Royal Caribbean International: [www.royalcaribbean.com](http://www.royalcaribbean.com), click on "Embarkation Forms." You can also provide this information by going directly to our travel agent web site, [www.cruisingpower.com](http://www.cruisingpower.com). Simply log-in and click on "Guest Documentation/Guest Information Form." Effective July 1, 2005: No guest under the age of 21 will be booked in a stateroom unless accompanied by an adult 21 years or older. The only situations where minors (under 21) can be berthed without an adult (21 or older) in the cabin are when at least one parent is sailing or if the minors (under 21) are legally married. Please note: An individual's age on the date of sailing determines their status for the entire cruise. Royal Caribbean International does not accept bookings for student groups where at least 50% of the passengers are under 21 years of age. Passports are recommended for all travel outside of the U.S. In the Caribbean and Bahamas passports and tourist cards are not required for citizens of the U.S. or Canada. Passengers are advised to carry proof of

citizenships such as a certified copy of your birth certificate or valid passport. Non-U.S. citizen residing in the United States will need valid Alien Registration (green) card and passports. All others must have valid passports and necessary visas when boarding the vessel.

```
</alpha:Text>
</alpha:PolicyInfo>
</alpha:BookingPayment>
</alpha:OTA_CruiseBookRS>
</booking:confirmBookingResponse>
```

### Sample Auto Add Request Options

```
< SelectedOptions OptionCode="FUEL" />
< SelectedOptions OptionCode="FUEL" SelectedOptionsIndicator="true" />
< SelectedOptions OptionCode="FUEL" SelectedOptionsIndicator="false" />
< ** FUEL option is not sent back in the request ** />
```

In all the above cases the item will be added to the booking.

### Non-Mandatory Auto Add Charges:

```
< SelectedOptions OptionCode="FUEL" SelectedOptionsIndicator="true" />
< SelectedOptions OptionCode="FUEL" />
< ** FUEL option is not sent back in the request ** />
```

In all the above cases the item will be included in the pricing.

Non-mandatory charges can be opted out by explicating setting the selectedOptionIndicator to "False".

```
< SelectedOptions OptionCode="FUEL" SelectedOptionsIndicator="false" />
```

### Sample Auto Add Response Options

Additional information about auto add charges will be returned in Guest Level pricing.

```
<alpha:PriceInfo Amount="30.00" CodeDetail="FUEL" PriceTypeCode="107" OptionType = "8"
AutoAddedIndicator="true" MandatoryIndicator="false" ItemizableIndicator="false" PricingLevel="2" />
<alpha:PriceInfo Amount="3.00" CodeDetail="FUEL" PriceTypeCode="127" OptionType = "8" />
<alpha:PriceInfo Amount="0.00" CodeDetail="OBC" PriceTypeCode="108" OptionType = "10"
AutoAddedIndicator="true" MandatoryIndicator="true" ItemizableIndicator="false" FaceValue="250.00"
FaceCurrency="USD" PricingLevel="1"/>
<alpha:PriceInfo Amount="0" CodeDetail="OBC" PriceTypeCode="128" OptionType = "10" />
```

## 25.4.3.1 Sample Message Request

John and Mary Traveler have decided to go on the Allure of the Seas for a 7 night cruise sailing on 2014-01-05. They have provided resident and occupational qualifiers in the request and are sending the Resident Promotion code in the request.

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:dpconfig="http://www.datapower.com/param/config" xmlns:example="http://www.example.com">
  <soapenv:Body>
    <a:confirmBooking xmlns:a="http://services.rccl.com/Interfaces/ConfirmBooking"
xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
      <OTA_CruiseBookRQ TransactionActionCode="Commit" TimeStamp="2013-10-27T05:45:40.200Z"
Version="1.0" SequenceNmbr="1" RetransmissionIndicator="false" Target="Production">
        <POS>
          .....
```

```
</POS>
<AgentInfo Contact="CMOTEST" ContactID="CMOtest_MI"/>
<SailingInfo>
  <SelectedSailing Start="2014-01-05Z">
    <CruiseLine VendorCode="Z" ShipCode="AL"/>
  </SelectedSailing>
  <InclusivePackageOption CruisePackageCode="AL07E088"/>
  <Currency CurrencyCode="USD"/>
  <SelectedCategory WaitlistIndicator="false" FareCode="A0000185" BerthedCategoryCode="B1"
PricedCategoryCode="B1" IncludeNonRefundablePromotions="No">
    <CabinAttributes>
      <CabinAttribute CabinAttributeCode="98"/>
    </CabinAttributes>
    <SelectedCabin Status="39" CabinNumber="9311">
      <CabinConfiguration BedConfigurationCode="U"/>
    </SelectedCabin>
  </SelectedCategory>
</SailingInfo>
<ReservationInfo>
  <ReservationID StatusCode="42" LastModifyDateTime="2013-10-27T06:00:48.200Z" Type="14"
ID="0000"/>
  <GuestDetails>
    <GuestDetail>
      <SelectedFareCode FareCode="A0741742"/>
      <ContactInfo GuestRefNumber="606056990" Age="41" Nationality="US" BirthDate="1973-07-12Z"
Gender="Male" ContactType="CNT" DefaultInd="false" EmergencyFlag="false">
        <PersonName>
          <GivenName>WER</GivenName>
          <Surname>WER</Surname>
          <NameTitle>MSTR</NameTitle>
        </PersonName>
        <Address>
          <StateProv StateCode="FL"/>
        </Address>
        <FareQualifiers FareRestriction="1"/>
      </ContactInfo>
      <ContactInfo ContactType="LNG" >
        <PersonName>
          <GivenName>约翰</GivenName>
          <MiddleName>背风处</MiddleName>
          <Surname>工匠</Surname>
        </PersonName>
      </ContactInfo>
      <GuestTransportation Mode="29" Status="59">
        <GatewayCity LocationCode="C/O" CodeContext="IATA">Cruise Only</GatewayCity>
      </GuestTransportation>
      <TravelDocument>
        <DocLimitations>N</DocLimitations>
      </TravelDocument>
      <SelectedDining SmokingCode="3" TableSize="S" Language="en" Sitting="O" Status="39"
CrossReferencingAllowed="false" FamilyTimeIndicator="false" SittingType="O" SittingInstance="OPEN"/>
      <SelectedInsurance InsuranceCode="CRCR" SelectedOptionIndicator="true"/>
      <SelectedPackages/>
      <SelectedSpecialServices/>
      <AirAccommodations/>
      <CruiseDocument DeliveryMethodCode="2" DocumentLanguage="en"/>
    </GuestDetail>
    <GuestDetail>
      <SelectedFareCode FareCode="A0741742"/>
      <ContactInfo GuestRefNumber="606057006" Age="41" Nationality="US" BirthDate="1973-07-12Z"
Gender="Female" ContactType="CNT" DefaultInd="false" EmergencyFlag="false">
        <PersonName>
          <GivenName>WER</GivenName>
          <Surname>WER</Surname>
          <NameTitle>MISS</NameTitle>
```

```

        </PersonName>
        <Address DefaultInd="false" FormattedInd="false"/>
        <Address DefaultInd="false" FormattedInd="false"/>
        <Address DefaultInd="false" FormattedInd="false"/>
    </ContactInfo>
    <GuestTransportation Mode="29" Status="59">
        <GatewayCity LocationCode="C/O" CodeContext="IATA">Cruise Only</GatewayCity>
    </GuestTransportation>
    <TravelDocument>
        <DocLimitations>N</DocLimitations>
    </TravelDocument>
    <SelectedDining SmokingCode="3" TableSize="S" Language="en" Sitting="O" Status="39"
CrossReferencingAllowed="false" FamilyTimeIndicator="false" SittingType="O" SittingInstance="OPEN"/>
    <SelectedInsurance InsuranceCode="CRCR" SelectedOptionIndicator="true"/>
    <SelectedPackages/>
    <SelectedSpecialServices/>
    <AirAccommodations/>
    <CruiseDocument DeliveryMethodCode="2" DocumentLanguage="en"/>
</GuestDetail>
</GuestDetails>
</ReservationInfo>
</OTA_CruiseBookRQ>
</a:confirmBooking>
</soapenv:Body>
</soapenv:Envelope>

```

### 25.4.3.2 Sample Message Response

The booking is now confirmed with the resident discount and a response indicating the same is returned.

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <bo:confirmBookingResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:bo="http://services.rccl.com/Interfaces/ConfirmBooking">
      <alpha:OTA_CruiseBookRS SequenceNmbr="0" Version="1.0">
        <alpha:Success/>
        <alpha:Warnings>
          <alpha:Warning ShortText="CSW0066" Type="12">PREPAID GRATUITIES HAVE BEEN ADDED TO
THE BOOKING</alpha:Warning>
          <alpha:Warning ShortText="CSW0092" Type="12">*** VVI ***</alpha:Warning>
          <alpha:Warning Type="3"/>
        </alpha:Warnings>
        <alpha:ReservationID ID="5300492" Type="14" StatusCode="42"/>
        <alpha:SailingInfo>
          <alpha:SelectedCategory FareCode="A0000185" PromotionDescription="Resident Disc"
NonRefundableType="1" BookingNonRefundableType="1"/>
        </alpha:SailingInfo>
        <alpha:BookingPayment>
          <alpha:BookingPrices>
            <alpha:BookingPrice Amount="500.00" PriceTypeCode="6"/>
            <alpha:BookingPrice Amount="3003.70" PriceTypeCode="3"/>
            <alpha:BookingPrice Amount="2657.70" PriceTypeCode="100"/>
            <alpha:BookingPrice Amount="346.00" PriceTypeCode="101"/>
            <alpha:BookingPrice Amount="3003.70" PriceTypeCode="8"/>
            <alpha:BookingPrice Amount="3003.70" PriceTypeCode="42"/>
          </alpha:BookingPrices>
          <alpha:PaymentSchedule>
            <alpha:Payment Amount="500.00" DueDate="2013-12-06" PaymentNumber="1"/>
            <alpha:Payment Amount="3003.70" DueDate="2013-12-06" PaymentNumber="2"/>
          </alpha:PaymentSchedule>
          <alpha:GuestPrices>
            <alpha:GuestPrice>
              <alpha:PriceInfos>

```

```

    <alpha:PriceInfo Amount="1124.00" PriceTypeCode="49"/>
    <alpha:PriceInfo Amount="-129.00" CodeDescription="A0000185" CodeDetail="Resident Disc"
PricedComponentCode="49" PricedComponentType="1" PriceTypeCode="34" PricingLevel="48" PricingType="4"
NonRefundableType="1"/>
    <alpha:PriceInfo Amount="225.00" PriceTypeCode="60"/>
    <alpha:PriceInfo Amount="89.00" CodeDetail="CRUISE CARE" OptionType="5"
PricedComponentCode="CRCR" PricedComponentType="1" PriceTypeCode="107"/>
    <alpha:PriceInfo Amount="1309.00" PriceTypeCode="8"/>
    <alpha:PriceInfo Amount="1309.00" PriceTypeCode="42"/>
  </alpha:PriceInfos>
</alpha:GuestPrice>
<alpha:GuestPrice>
  <alpha:PriceInfos>
    <alpha:PriceInfo Amount="1124.00" PriceTypeCode="49"/>
    <alpha:PriceInfo Amount="-129.00" CodeDescription="A0000185" CodeDetail="Resident Disc"
PricedComponentCode="49" PricedComponentType="1" PriceTypeCode="34" PricingLevel="48" PricingType="4"
NonRefundableType="1"/>
    <alpha:PriceInfo Amount="225.00" PriceTypeCode="60"/>
    <alpha:PriceInfo Amount="89.00" CodeDetail="CRUISE CARE" OptionType="5"
PricedComponentCode="CRCR" PricedComponentType="1" PriceTypeCode="107"/>
    <alpha:PriceInfo Amount="1309.00" PriceTypeCode="8"/>
    <alpha:PriceInfo Amount="1309.00" PriceTypeCode="42"/>
  </alpha:PriceInfos>
</alpha:GuestPrice>
</alpha:GuestPrices>
<alpha:PolicyInfo>
  <alpha:Text>Royal Caribbean International reserves the right to impose a fuel supplement on all guests
if the price of West Texas Intermediate fuel exceeds USD $65.00 per barrel. The fuel supplement for 1st and 2nd
guests would be no more than $10 per guest per day, to a maximum of $140 per cruise; and for additional guests
would be no more than $5 per person per day, to a maximum of $70 per cruise. In order to facilitate your clients
boarding experience and meet the new Border Security Act requirements, direct your clients to pre-register
themselves by visiting our consumer website Royal Caribbean International: www.royalcaribbean.com Online
Check-In links can be found either in the "Before You Board" section or in the list of links at the bottom of the home
page. No Guest younger than the age twenty-one (21) will be assigned to a stateroom unless accompanied in the
same stateroom by an adult twenty-one (21) years old or older. A guest's age is established upon the first date of
sailing. This age limit will be waived for children sailing with their parents or guardians in connecting staterooms; for
underage married couples; and for active duty members of the United States or Canadian military. Certain other
restrictions and conditions will apply; such as compliance with the age twenty-one (21) alcohol policy, and proof of
marriage for underage couples or proof of active duty military status is required. Royal Caribbean International
strongly recommends that all guests travel with a passport that is valid for at least 6 months beyond the end of the
cruise. It is the sole responsibility of the guest to identify and obtain all required travel documents for the entire
cruise vacation and have them available when necessary. These appropriate, valid travel documents - passports,
visas, family legal documents and inoculation certificates - are required for boarding and re-entry into the United
States and other countries. Guests who do not possess the proper documentation may be prevented from boarding
their flight or ship or from entering a country and may be subject to fines. No refunds will be given to individuals who
fail to bring proper documentation.</alpha:Text>
  </alpha:PolicyInfo>
</alpha:BookingPayment>
</alpha:OTA_CruiseBookRS>
</bo:confirmBookingResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## 25.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 25.6 Special Design Considerations

- As you design your client application, please take in consideration the fact that this is a resource intensive operation and its response time can be considerable. The current Service Level Agreement (SLA) states that the average response time

shall be around 3 seconds. This transaction might take longer than the average response time. This response time however does not include network delays introduced on the internet that are outside of RCL's control.

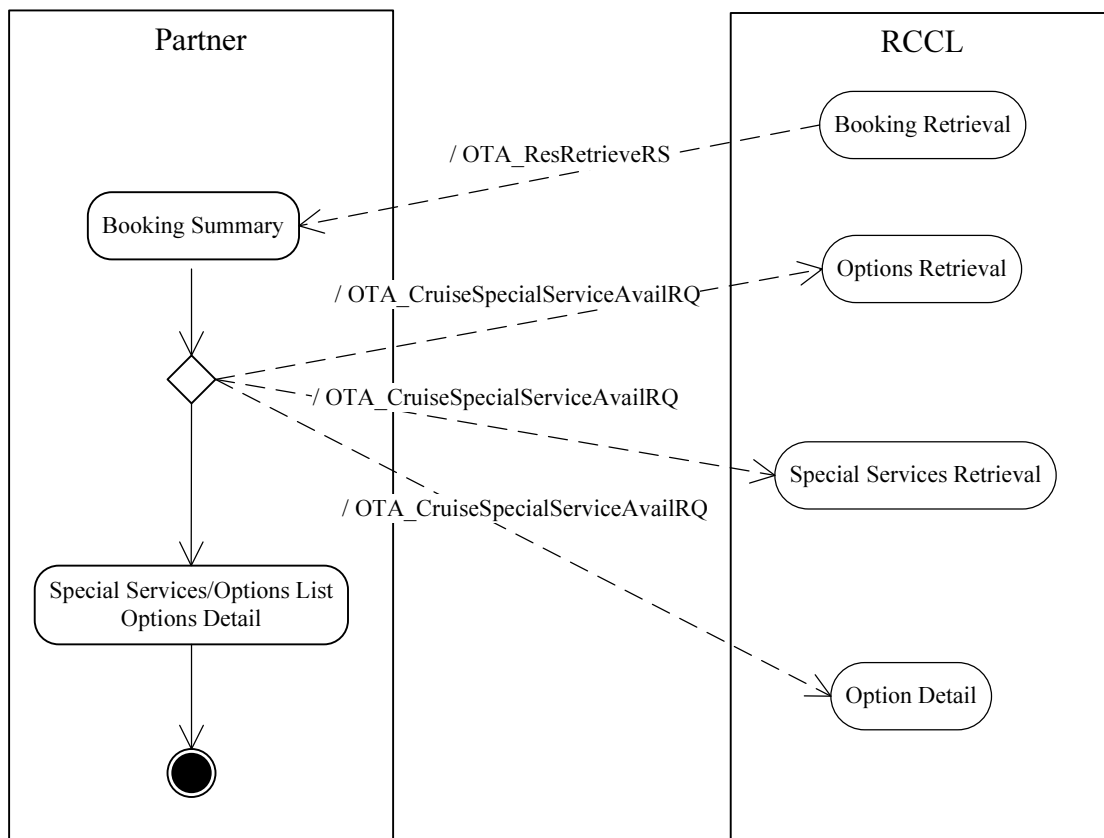
## 26. Cruise Guest Option List Message

### 26.1 Functional Overview

The Cruise Guest Option List message is used to obtain the list of guest options available on a given sailing. The list of options eg. Spa, massage therapy that are returned as part of this message are fee-based.

The response includes the list of options available for that sailing, including the option price and the charge type. The charge type is defined by OTA code CHG and is typically '7' or 'Per Person'.

### 26.2 Typical Process Flow





## 26.3 Schema Specification

The schemas for Cruise Guest Service List request and response are OTA\_CruiseSpecialServiceAvailRQ and OTA\_CruiseSpecialServiceAvailRS. Our implementation is based on the OTA\_2007A schema specification.

### 26.3.1 Cruise Guest Option List Request

#### 26.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType
ReservationID	UniqueID_Type
SailingInfo	SailingCategoryInfoType

#### 26.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 26.3.1.3 Extensions

- None

### 26.3.2 Cruise Guest Option List Response

#### 26.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingCategoryInfoType
Errors	ErrorsType

#### 26.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 26.3.2.3 Extensions

- Added Dual Occupancy to association type. Increased SpecialService occurrences to 350.

## 26.4 Message User Guide

### 26.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseSpecialServiceAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseSpecialServiceAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruiseSpecialServiceAvailRQ/SailingInfo/SelectedCategory[WaitlistIndicator = 'false']/@BerthedCategoryCode	String	2	N
/OTA_CruiseSpecialServiceAvailRQ/ReservationID/@ID	Integer	7	N

### 26.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseSpecialServiceAvailRS/@MaxResponses	Integer	3	Y
/OTA_CruiseSpecialServiceAvailRS/@MoreIndicator	Boolean		Y
/OTA_CruiseSpecialServiceAvailRS/@MoreDataEchoToken	String	128	N
/OTA_CruiseSpecialServiceAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseSpecialServiceAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseSpecialServiceAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseSpecialServiceAvailRS/Success	Node		N
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService[1-24]/@AssociationType	String	15	N
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService[1-24]/@Code	String	4	N
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService[1-24]/@Description	String	40	N
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService[1-24]/PriceInfo/@Amount	String	14	N
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService[1-24]/PriceInfo/@ChargeTypeCode	Integer	2	N

### 26.4.3 Use Case

#### 26.4.3.1 Sample Message Request

John is interested in finding out the list of options that are available on the Freedom of the Seas sailing on 2009-08-02. He will be selecting D1 as his cabin category.

```
<m:getOptionList xmlns:m="http://services.rccl.com/Interfaces/OptionList">
  <OTA_CruiseSpecialServiceAvailRQ RetransmissionIndicator="false" SequenceNmbr="1" TimeStamp="2008-12-10T08:41:06.699-05:00" TransactionIdentifier="106597" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <SailingInfo>
      <SelectedSailing Start="2009-08-02">
        <CruiseLine ShipCode="FR"/>
      </SelectedSailing>
      <SelectedCategory BerthedCategoryCode="D1"/>
    </SailingInfo>
    </OTA_CruiseSpecialServiceAvailRQ>
  </m:getOptionList>
```

#### 26.4.3.2 Sample Message Response

The response message contains a list of the options offered.

```
<list:getOptionListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.rccl.com/Interfaces/OptionList">
  <alpha:OTA_CruiseSpecialServiceAvailRS Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:SailingInfo/>
    <alpha:SpecialServices>
      <alpha:SpecialService AssociationType="Passenger" Code="FUEL" Description="FUEL SUPPL">
        <alpha:PriceInfo Amount="35.00" ChargeTypeCode="7"/>
      </alpha:SpecialService>
      <alpha:SpecialService AssociationType="Passenger" Code="PPGR" Description="GRATUITIES">
        <alpha:PriceInfo Amount="0.00" ChargeTypeCode="7"/>
      </alpha:SpecialService>
    </alpha:SpecialServices>
  </alpha:OTA_CruiseSpecialServiceAvailRS>
</list:getOptionListResponse>
```

## 26.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 26.6 Special Design Considerations

None

## 27. Cruise Guest Service List Message

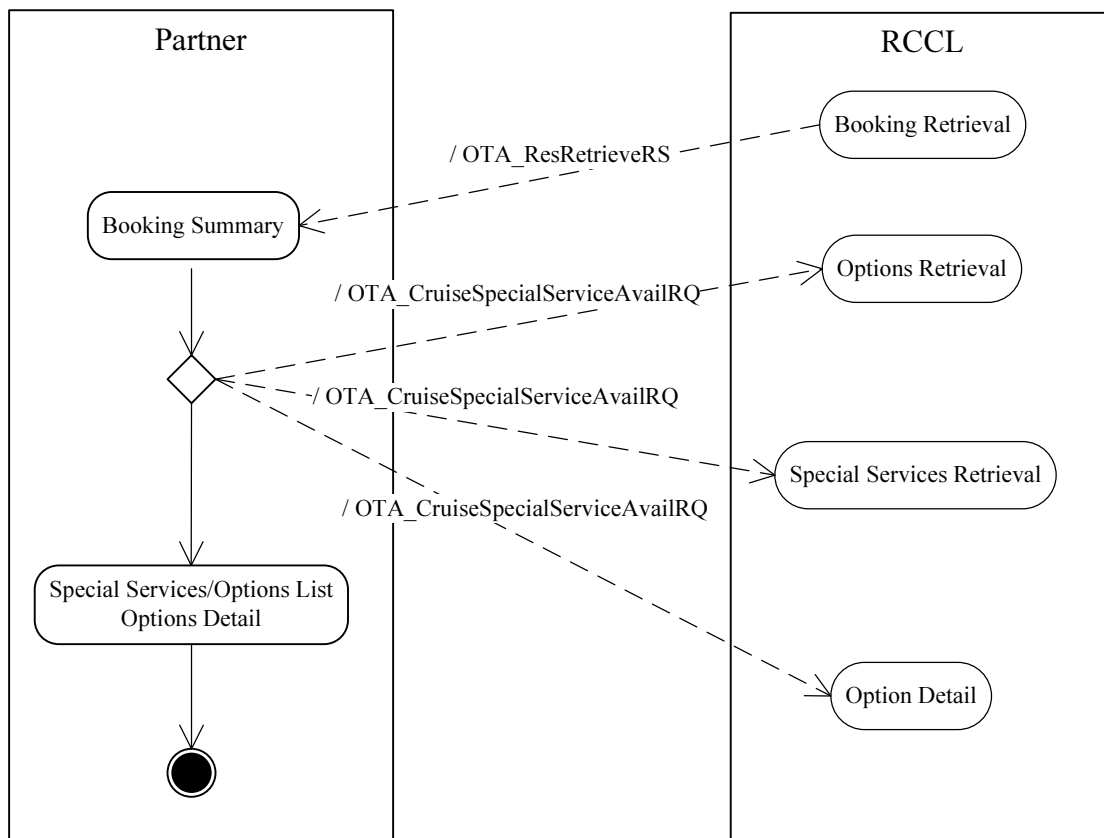
### 27.1 Functional Overview

The Cruise Guest Service List message is used to obtain the list of guest services available for a given sailing.

Guest services include anniversaries, birthdays, wheelchair assistance, special dietary needs, onboard language preference, and are non monetary in nature.

Guest Services are offered at either a passenger or cabin level, with the cabin being an optional element in the message request.

### 27.2 Typical Process Flow



## 27.3 Schema Specification

The schemas for Cruise Guest Service List request and response are OTA\_CruiseSpecialServiceAvailRQ and OTA\_CruiseSpecialServiceAvailRS. Our implementation is based on the OTA\_2007A schema specification.

### 27.3.1 Cruise Guest Service List Request

#### 27.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType
ReservationID	UniqueID_Type
SailingInfo	SailingCategoryInfoType

#### 27.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 27.3.1.3 Extensions

- None

### 27.3.2 Cruise Guest Service List Response

#### 27.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingCategoryInfoType
Errors	ErrorsType

#### 27.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 27.3.2.3 Extensions

- Added Dual Occupancy to association type. Increased SpecialService occurrences to 350.

## 27.4 Message User Guide

### 27.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseSpecialServiceAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseSpecialServiceAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruiseSpecialServiceAvailRQ/GuestCounts/GuestCount[1-4]/@Age	String	1	N
/OTA_CruiseSpecialServiceAvailRQ/GuestCounts/GuestCount[1]/@Quantity	Integer	1	Y
/OTA_CruiseSpecialServiceAvailRQ/GuestCounts/GuestCount[2-4]/@Quantity	Integer	1	N
/OTA_CruiseSpecialServiceAvailRQ/SailingInfo/SelectedCategory/SelectedCabin/@CabinNumber	Integer	5	N

### 27.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseSpecialServiceAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseSpecialServiceAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseSpecialServiceAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseSpecialServiceAvailRS/Success	Node		N
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService[1-250]/@Code	String	3	Y
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService[1-250]/@Description	String	15	N
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService[1-250]/@MinGuestRequired	Integer	1	N
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService[1-250]/@NbrOfYearsRequiredInd	Boolean		N
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService[1-250]/@ServiceDateRequiredInd	Boolean		N
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService[1-250]/@UserRemarkRequiredInd	Boolean		N
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService[1-250]/@CodeName	String	15	N
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService[1-250]/@Type	String	16	N

### 27.4.3 Use Case

#### 27.4.3.1 Sample Message Request

To celebrate John and Tamara's anniversary, the Marques family has booked a cruise with RCL on the Majesty of the Seas which sails on Sep 24, 2007. John would like to commemorate his special occasion, and in addition, he'd like to find out if the cruise line offers special services, so he is submitting a request message to find out which special services are offered by RCL for this sailing.

```
<m:getGuestServiceList xmlns:m="http://services.rccl.com/Interfaces/GuestServiceList">
  <OTA_CruiseSpecialServiceAvailRQ RetransmissionIndicator="false" SequenceNbr="1" TimeStamp="2008-12-10T08:41:06.699-05:00" TransactionIdentifier="106597" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <GuestCounts>
      <GuestCount Age="0" Quantity="1"/>
    </GuestCounts>
    <SailingInfo>
      <SelectedSailing Start="2009-08-02">
        <CruiseLine ShipCode="FR"/>
      </SelectedSailing>
    </SailingInfo>
  </OTA_CruiseSpecialServiceAvailRQ>
</m:getGuestServiceList>
```

```
</m:getGuestServiceList>
```

### 27.4.3.2 Sample Message Response

The response message contains a list of the special services offered by the cruise line:

```
<list:getGuestServiceListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.rccl.com/Interfaces/GuestServiceList">
  <alpha:OTA_CruiseSpecialServiceAvailRS Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:SailingInfo/>
    <alpha:SpecialServices>
      <alpha:SpecialService Code="ANV" Description="ANNIVERSARY" MinGuestsRequired="2"
NbrOfYearsRequiredInd="true" ServiceDateRequiredInd="true" UserRemarkRequiredInd="false"/>
      <alpha:SpecialService Code="BDY" Description="BIRTHDAY" MinGuestsRequired="1"
NbrOfYearsRequiredInd="true" ServiceDateRequiredInd="true" UserRemarkRequiredInd="false"/>
      <alpha:SpecialService Code="CAK" Description="HONEYMOON" MinGuestsRequired="2"
NbrOfYearsRequiredInd="false" ServiceDateRequiredInd="false" UserRemarkRequiredInd="false"/>
      <alpha:SpecialService Code="CRI" Description="CRIBS" MinGuestsRequired="1"
NbrOfYearsRequiredInd="false" ServiceDateRequiredInd="false" UserRemarkRequiredInd="false"/>
      <alpha:SpecialService Code="HIG" Description="HIGH CHAIR" MinGuestsRequired="1"
NbrOfYearsRequiredInd="false" ServiceDateRequiredInd="false" UserRemarkRequiredInd="false"/>
      <alpha:SpecialService Code="HND" Description="DISABLED" MinGuestsRequired="1"
NbrOfYearsRequiredInd="false" ServiceDateRequiredInd="false" UserRemarkRequiredInd="true"/>
      <alpha:SpecialService Code="LND" Description="DOCUMENT LANG" MinGuestsRequired="1"
NbrOfYearsRequiredInd="false" ServiceDateRequiredInd="false" UserRemarkRequiredInd="true"/>
      <alpha:SpecialService Code="LNP" Description="PREFERRED LANG" MinGuestsRequired="1"
NbrOfYearsRequiredInd="false" ServiceDateRequiredInd="false" UserRemarkRequiredInd="true"/>
      <alpha:SpecialService Code="SPC" Description="SPECIAL MEALS" MinGuestsRequired="1"
NbrOfYearsRequiredInd="false" ServiceDateRequiredInd="false" UserRemarkRequiredInd="false"/>
      <alpha:SpecialService Code="af" CodeName="Afrikaans" Type="On board"/>
      <alpha:SpecialService Code="ar" CodeName="Arabic Standard" Type="On board"/>
      <alpha:SpecialService Code="bg" CodeName="Bulgarian" Type="On board"/>
      <alpha:SpecialService Code="ca" CodeName="Catalan" Type="On board"/>
      <alpha:SpecialService Code="zh" CodeName="Chinese Mandari" Type="On board"/>
      <alpha:SpecialService Code="cs" CodeName="Czech" Type="On board"/>
      <alpha:SpecialService Code="da" CodeName="Danish" Type="On board"/>
      <alpha:SpecialService Code="nl" CodeName="Dutch" Type="On board"/>
      <alpha:SpecialService Code="en" CodeName="English" Type="On board"/>
      <alpha:SpecialService Code="fi" CodeName="Finnish" Type="On board"/>
      <alpha:SpecialService Code="fr" CodeName="French" Type="On board"/>
      <alpha:SpecialService Code="de" CodeName="German" Type="On board"/>
      <alpha:SpecialService Code="el" CodeName="Greek" Type="On board"/>
      <alpha:SpecialService Code="kl" CodeName="Greenlandic" Type="On board"/>
      <alpha:SpecialService Code="he" CodeName="Hebrew" Type="On board"/>
      <alpha:SpecialService Code="hi" CodeName="Hindi" Type="On board"/>
      <alpha:SpecialService Code="hu" CodeName="Hungarian" Type="On board"/>
      <alpha:SpecialService Code="is" CodeName="Icelandic" Type="On board"/>
      <alpha:SpecialService Code="id" CodeName="Indonesian" Type="On board"/>
      <alpha:SpecialService Code="it" CodeName="Italian" Type="On board"/>
      <alpha:SpecialService Code="ja" CodeName="Japanese" Type="On board"/>
      <alpha:SpecialService Code="ko" CodeName="Korean" Type="On board"/>
      <alpha:SpecialService Code="ky" CodeName="KYRGYZ" Type="On board"/>
      <alpha:SpecialService Code="ms" CodeName="Malay" Type="On board"/>
      <alpha:SpecialService Code="no" CodeName="Norwegian" Type="On board"/>
      <alpha:SpecialService Code="pl" CodeName="Polish" Type="On board"/>
      <alpha:SpecialService Code="pt" CodeName="Portuguese" Type="On board"/>
      <alpha:SpecialService Code="ro" CodeName="Romanian" Type="On board"/>
      <alpha:SpecialService Code="ru" CodeName="Russian" Type="On board"/>
      <alpha:SpecialService Code="hr" CodeName="Serbo-Croatian" Type="On board"/>
      <alpha:SpecialService Code="sk" CodeName="Slovak" Type="On board"/>
      <alpha:SpecialService Code="sl" CodeName="Slovenian" Type="On board"/>
      <alpha:SpecialService Code="es" CodeName="Spanish" Type="On board"/>
    </alpha:SpecialServices>
  </alpha:OTA_CruiseSpecialServiceAvailRS>
</list:getGuestServiceListResponse>
```

```
<alpha:SpecialService Code="sw" CodeName="Swahili" Type="On board"/>
<alpha:SpecialService Code="sv" CodeName="Swedish" Type="On board"/>
<alpha:SpecialService Code="th" CodeName="Thai" Type="On board"/>
<alpha:SpecialService Code="tr" CodeName="Turkish" Type="On board"/>
<alpha:SpecialService Code="uk" CodeName="Ukrainian" Type="On board"/>
<alpha:SpecialService Code="vi" CodeName="Vietnamese" Type="On board"/>
<alpha:SpecialService Code="en" CodeName="English" Type="Documentation"/>
<alpha:SpecialService Code="es" CodeName="Spanish" Type="Documentation"/>
<alpha:SpecialService Code="fr" CodeName="French" Type="Documentation"/>
<alpha:SpecialService/>
</alpha:SpecialServices>
</alpha:OTA_CruiseSpecialServiceAvailRS>
</list:getGuestServiceListResponse>
```

## 27.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 27.6 Special Design Considerations

None



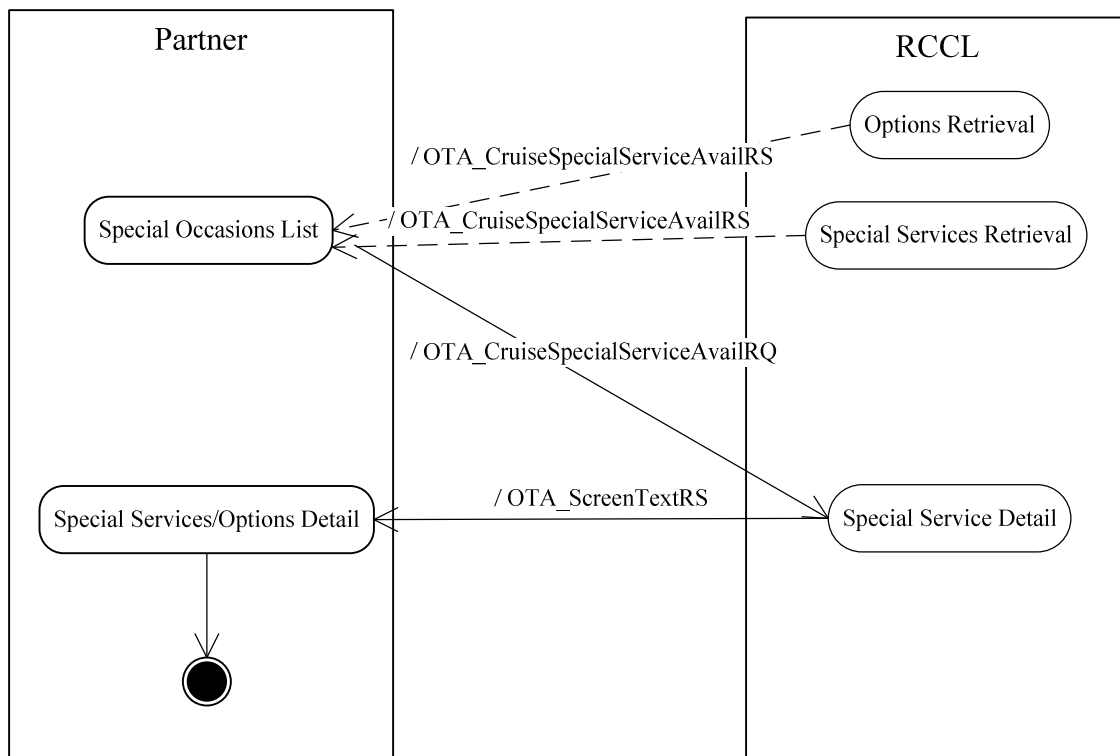
## 28. Cruise Option Detail Message

### 28.1 Functional Overview

The Cruise Option Detail message is used to obtain the detailed description for options available on a given sailing.

Please refer to the Cruise Option List Message for additional information.

### 28.2 Typical Process Flow



### 28.3 Schema Specification

The schemas for Cruise option detail request and response are OTA\_CruiseSpecialServiceAvailRQ and OTA\_ScreenTextRS. Our implementation is based on the OTA\_2007A schema specification.

### 28.3.1 Cruise Special Service Detail Request

#### 28.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType
ReservationID	UniqueID_Type
SailingInfo	SailingCategoryInfoType

#### 28.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 28.3.1.3 Extensions

None

### 28.3.2 Cruise Special Service Detail Response

#### 28.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

#### 28.3.2.2 Constraints and Restrictions

- None

#### 28.3.2.3 Extensions

None

## 28.4 Message User Guide

### 28.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseSpecialServiceAvailRQ/@MoreDataEchoToken	String	2	Y
/OTA_CruiseSpecialServiceAvailRQ/@MaxResponses	Integer	2	Y
/OTA_CruiseSpecialServiceAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseSpecialServiceAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruiseSpecialServiceAvailRQ/SpecialService/@Code	String	4	Y

## 28.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_ScreenTextRS /TextScreens/@ScreenRowNum	Integer	3	N
/OTA_ScreenTextRS /TextScreens/@MoreIndicator	Boolean		N
/OTA_ScreenTextRS/Warnings/Warning[1-3]	String	80	N
/OTA_ScreenTextRS /Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_ScreenTextRS /Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_ScreenTextRS /Success	Node		N
/OTA_ScreenTextRS /TextScreens/TextScreen[1-30]/TextData	String	64	N

## 28.4.3 Use Case 1

### 28.4.3.1 Sample Message Request

John would like to understand what option PPGR is so he sends a message as shown below..

```
<m:getOptionDetail xmlns:m="http://services.rccl.com/Interfaces/OptionDetail">
  <OTA_CruiseSpecialServiceAvailRQ MaxResponses="30" MoreDataEchoToken="1"
  RetransmissionIndicator="false" SequenceNmbr="1" Target="Test" TimeStamp="2008-05-21T13:26:38"
  ersion="2.0">
    <POS>
      ...
    </POS>
    <SailingInfo>
      <SelectedSailing Start="2009-08-02">
        <CruiseLine ShipCode="FR"/>
      </SelectedSailing>
    </SailingInfo>
    <SpecialService Code="PPGR"/>
  </OTA_CruiseSpecialServiceAvailRQ>
</m:getOptionDetail>
```

### 28.4.3.2 Sample Message Response

The response message contains a list of the special services offered by the cruise line:

```
<detail:getOptionDetailResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:detail="http://services.rccl.com/Interfaces/OptionDetail">
  <alpha:OTA_ScreenTextRS Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:TextScreens MoreIndicator="false" ScreenRowsNum="2">
      <alpha:TextScreen>
        <alpha:TextData>GRATUITIES</alpha:TextData>
        <alpha:TextData>PRE PAID GRATUITIES of treatments</alpha:TextData>
        <alpha:TextData/>
      </alpha:TextScreen>
    </alpha:TextScreens>
  </alpha:OTA_ScreenTextRS>
</detail:getOptionDetailResponse>
```

## 28.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## **28.6 *Special Design Considerations***

None

## 29. Cruise Fast Sell Message

### 29.1 Functional Overview

The Cruise Fast Sell message requires the partner to provide the mandatory ship and sail date information. Optionally, category, price program, package code, and cabin information may be provided. The Guest Transportation Type and City can also be specified at each passenger level. However, instead of upgrade codes, the priced and berthed codes can be supplied in the request.

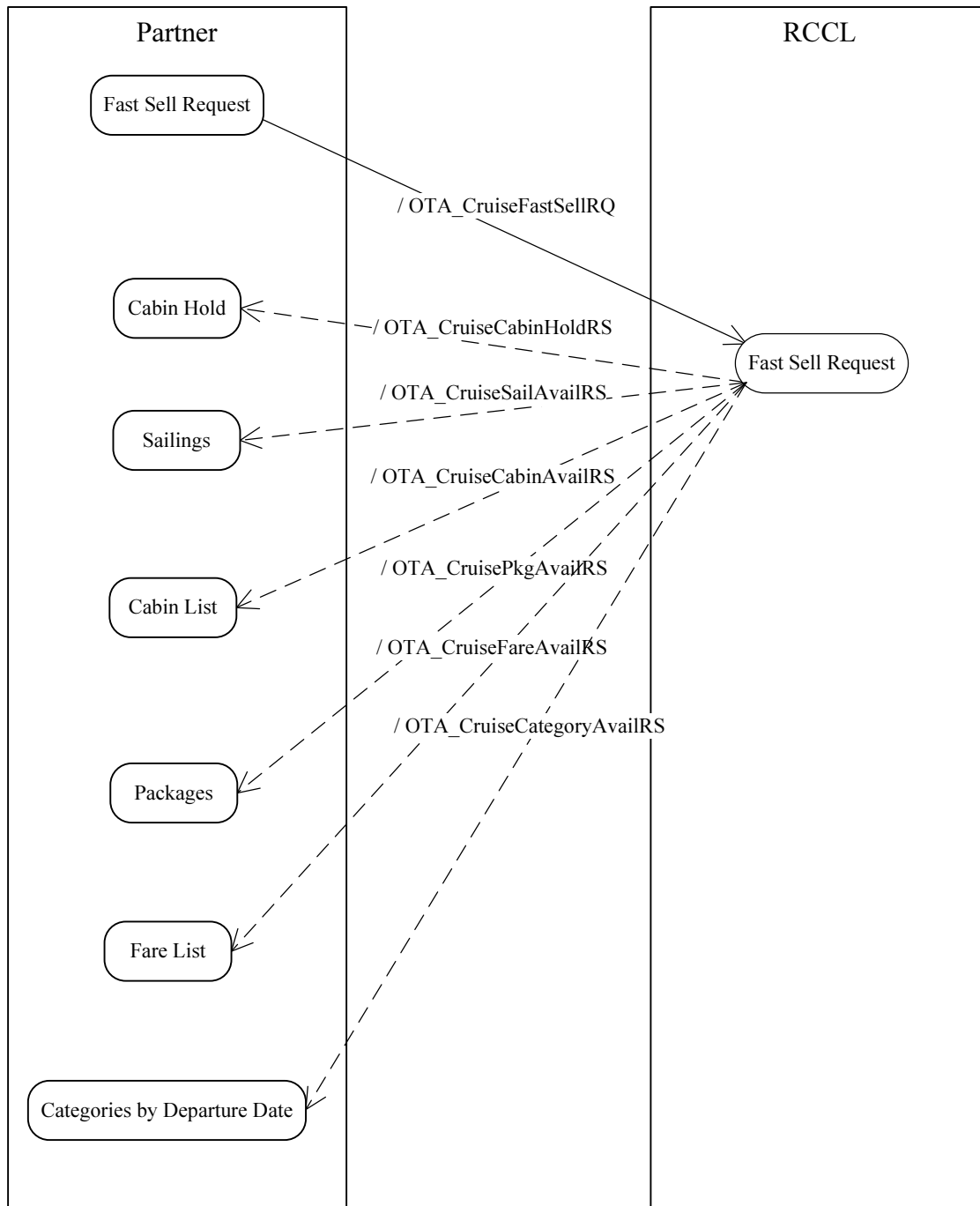
#### 29.1.1 Transaction Services

The Fast Sell message is a multi-purpose request to access one of the following cruise provider services:

- The FastSell message allows up to four cabins to be held and booked in a single request.
- Cabin Availability List when no cabins are held. This could be due to unavailability of the cabin(s) requested, invalid cabin number(s) requested, or cabin number(s) missing in the request. A valid category must be provided.
- Category List when category is not provided or invalid and a valid fare code is provided
- Fare availability when fare code is not provided or invalid and a valid sailing (optionally inclusive package) is provided
- Package List when the package is specified, but not available or invalid for the sailing
- Sailing List when the sailing specified is invalid or unavailable.
- Accessible stateroom qualifiers will be accepted in the request.
- **Pricing and Promotions**
  - The service request will accept optional promotion eligibility qualifiers at the guest level.
  - A fast sell request without qualifiers will be eligible for unrestricted promotions.
- **Non-Refundable Promotions**

- The service request will accept optional filter to exclude Non-Refundable promotions.
- Reponse will return the Refundable type indicator wherever it is applicable.

## 29.2 Process Flow



## 29.3 Schema Specification

The schemas for the Cruise Fast Sell request is `OTA_CruiseFastSellRQ`. The response schema could be any of the following, based on request data and business rules –

1. [OTA\\_CruiseCabinHoldRS](#)
2. [OTA\\_CruiseCabinAvailRS](#)
3. [OTA\\_CruiseCategoryAvailRS](#)

4. [OTA\\_CruiseFareAvailRS](#)
5. [OTA\\_CruisePkgAvailRS](#)
6. [OTA\\_CruiseSailAvailRS](#)

Our implementation is based on the OTA\_2007A schema specification.

### 29.3.1 Cruise Fast Sell Request

#### 29.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS (Point Of Sale)	POS_Type
Guest	GuestType
SearchQualifiers	SearchQualifierType ( Extends)

#### 29.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- OTA\_CruiseFastSell/Currency element is ignored. Use SourceType@ISOCurrency in POS header instead.

#### 29.3.1.3 Extensions

None

## 29.4 Message User Guide

### 29.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseFastSellRQ/SearchQualifiers/ReservationID/@ID	Integer	7	N
/OTA_CruiseFastSellRQ/SelectedSailing/@Start	Date		Y
/OTA_CruiseFastSellRQ/SelectedSailing/@ShipCode	String	2	Y
/OTA_CruiseFastSellRQ/SelectedSailing/SelectedCategory/@PricedCategoryCode	String	2	Y
/OTA_CruiseFastSellRQ/SelectedSailing/SelectedFare/@FareCode	String	8	Y
/OTA_CruiseFastSellRQ/SelectedSailing/SelectedFare/@IncludeNonRefundablePromos	String	3	N
/OTA_CruiseFastSellRQ/SelectedSailing/SelectedFare/SelectedPromotions/@PromotionCode	String	16	N
/OTA_CruiseFastSellRQ/SelectedSailing/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruiseFastSellRQ/SelectedSailing/SelectedCategory/@BerthedCategoryCode	String	2	Y
/OTA_CruiseFastSellRQ/SelectedSailing/SelectedCategory/CabinAttributes/CabinAttribute/@CabinAttributeCode	String	2	N
/OTA_CruiseFastSellRQ/SelectedSailing/SelectedCategory/SelectedCabin[1]/@CabinNumber	String	5	Y
/OTA_CruiseFastSellRQ/SelectedSailing/SelectedCategory/SelectedCabin[2]/@CabinNumber	String	5	N
/OTA_CruiseFastSellRQ/SelectedSailing/SelectedCategory/SelectedCabin[3]/@CabinNumber	String	5	N



/OTA_CruiseFastSellRQ/SelectedSailing/SelectedCategory/SelectedCabin[4]/@CabinNumber	String	5	N
/OTA_CruiseFastSellRQ/Guest[1]			Y
/OTA_CruiseFastSellRQ/Guest[2-4]			N
/OTA_CruiseFastSellRQ/Guest[1-4]/@Age	Integer	2	N
/OTA_CruiseFastSellRQ/Guest[1-4]/@Code	String	2	N
/OTA_CruiseFastSellRQ/Guest[1-4]/@LoyaltyMembershipID	String	9	N
/OTA_CruiseFastSellRQ/Guest[1]/GuestTransportation[1]/@Mode	Integer	2	Y
/OTA_CruiseFastSellRQ/Guest[2-4]/GuestTransportation[1]/@Mode	Integer	2	N
/OTA_CruiseFastSellRQ/Guest[1-4]/GuestTransportation[2]/@Mode	Integer	2	N
/OTA_CruiseFastSellRQ/Guest[1]/GuestTransportation[1]/@Status	Integer	2	Y
/OTA_CruiseFastSellRQ/Guest[1-4]/GuestTransportation[2]/@Status	Integer	2	N
/OTA_CruiseFastSellRQ/Guest[1]/GuestTransportation[1]/GatewayCity/@LocationCode	String	3	Y
/OTA_CruiseFastSellRQ/Guest[2-4]/GuestTransportation[1]/GatewayCity/@LocationCode	String	3	N
/OTA_CruiseFastSellRQ/Guest[1-4]/GuestTransportation[2]/GatewayCity/@LocationCode	String	3	N
/OTA_CruiseFastSellRQ/Guest[1-4]/Address/StateProv/@StateCode	String	2	N
/OTA_CruiseFastSellRQ/Guest[1-4]/FareQualifiers/@FareRestrictions	String	2	N
/OTA_CruiseFastSellRQ/Guest[1-4]/SelectedOffers/@PromotionCode	String	16	N
/OTA_CruiseFastSellRQ/TPA_Extensions/TPA_FareQualifiers/TPA_FareType/@IncludeRefundablePromos	String	3	N

## 29.4.2 Use Case 1

John and 3 guests want to sail on the Rhapsody on 2011-09-02 in cabin 7126 , 7127, 7128, and 7129, which is in category M. The price program is BRKA01 and they want to include air from Dallas/Ft Worth.

### 29.4.2.1 Sample Message Request

```
<m:fastSell xmlns:m="http://services.rccl.com/Interfaces/FastSell">
  <OTA_CruiseFastSellRQ TimeStamp="2011-06-29T07:48:43" Target="Test" Version="2.0"
    SequenceNmbr="1" xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <GuestCounts>
      <GuestCount Quantity="1"/>
    </GuestCounts>
    <SelectedSailing Start="2011-09-02" Duration="P7N" VendorCode="RCC" ShipCode="RH">
      <SelectedFare FareCode="BRKA01" />
      <SelectedCategory BerthedCategoryCode="M" PricedCategoryCode="M">
        <SelectedCabin CabinNumber="7126"/>
        <SelectedCabin CabinNumber="7127"/>
        <SelectedCabin CabinNumber="7128"/>
        <SelectedCabin CabinNumber="7129"/>
      </SelectedCategory>
    </SelectedSailing>
    <Guest>
      <GuestTransportation Mode="29" Status="36">
        <GuestCity LocationCode="DFW"/>
      </GuestTransportation>
    </Guest>
    <Guest>
      <GuestTransportation Mode="29" Status="36">
        <GuestCity LocationCode="DFW"/>
      </GuestTransportation>
    </Guest>
  </OTA_CruiseFastSellRQ>
</m:fastSell>
```

### 29.4.2.2 Sample Message Responses

Response for a successful cabin hold and 3 unsuccessful cabin hold requests via fast sell:

```
<sell:fastSellResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:sell="http://services.rccl.com/Interfaces/FastSell">
  <alpha:OTA_CruiseCabinHoldRS Version="1.0">
    <alpha:Success/>
    <alpha:SelectedSailing>
      <alpha:SelectedCabin CabinNumber="7126" HeldIndicator="false" ReleaseDateTime="2009-02-28T11:16:33.0Z"
Status="51"/>
      <alpha:SelectedCabin CabinNumber="7127" HeldIndicator="true" Status="48"/>
      <alpha:SelectedCabin CabinNumber="7128" HeldIndicator="false" Status="51"/>
      <alpha:SelectedCabin CabinNumber="7129" HeldIndicator="false" Status="51"/>
      <alpha:Insurance InsuranceCode="CRCR" Status="62"/>
    </alpha:SelectedSailing>
  </alpha:OTA_CruiseCabinHoldRS>
</sell:fastSellResponse>
```

Response when no requested cabins are put on hold In these case a Cruise Cabin Availability response is returned:

```
<sell:fastSellResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:sell="http://services.rccl.com/Interfaces/FastSell">
  <alpha:OTA_CruiseCabinAvailRS MaxResponses="15" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:SailingInfo>
      <alpha:SelectedSailing Duration="P7N" Start="2011-09-02">
        <alpha:CruiseLine ShipCode="RH"/>
        <alpha:Region RegionCode=" AK"/>
      </alpha:SelectedSailing>
      <alpha:InclusivePackageOption CruisePackageCode="RH07A061"/>
    </alpha:SailingInfo>
    <alpha:SelectedFare FareCode="BRKA01"/>
    <alpha:CabinOptions>
      <alpha:CabinOption CabinCategoryCode="M" CabinNumber="8033" CabinRanking="8"
ConnectingCabinIndicator="false" DeckName="DECK EIGHT" DeckNumber="BR" MaxOccupancy="2"
PositionInShip="Midship" Status="36">
        <alpha:CabinConfiguration BedConfigurationCode="2C"/>
        <alpha:CabinConfiguration TPA_ViewObstruction="0"/>
        <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureCode="26" UnitOfMeasureQuantity="2"/>
        <alpha:MeasurementInfo/>
        <alpha:Remark>SIINSIDE</alpha:Remark>
        <alpha:CabinFilters>
          <alpha:CabinFilter CabinFilterCode="86"/>
          <alpha:CabinFilter CabinFilterCode="7"/>
          <alpha:CabinFilter/>
        </alpha:CabinFilters>
        <alpha:TPA_Extensions/>
      </alpha:CabinOption>
    </alpha:OTA_CruiseCabinAvailRS>
  </sell:fastSellResponse>
```

### 29.4.3 Use Case 2

John and 3 guests (2 Adults and 2 children) want to sail on the Allure of the seas on 2014-01-12 in cabin 7126, which is in category M. He is also looking for a best available fare and providing all promotional qualifiers.

#### 29.4.3.1 Sample Message Request

```
<m:fastSell xmlns:m="http://services.rccl.com/Interfaces/FastSell">
  <OTA_CruiseFastSellRQ TimeStamp="2011-06-29T07:48:43" Target="Test" Version="2.0"
SequenceNmbr="1" xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <GuestCounts>
      <GuestCount Quantity="1"/>
    </GuestCounts>
    <SelectedSailing Start="2011-09-02" Duration="P7N" VendorCode="RCC" ShipCode="RH">
      <SelectedFare FareCode="BESTRATE" IncludeNonRefundablePromos="No"/>
      <SelectedCategory BerthedCategoryCode="M" PricedCategoryCode="M">
        <SelectedCabin CabinNumber="7126"/>
      </SelectedCategory>
    </SelectedSailing>
    <Guest Age="45" LoyaltyMembershipID="12345">
      <GuestTransportation Mode="29" Status="36">
        <GuestCity LocationCode="DFW"/>
      </GuestTransportation>
      <Address>
        <StateProv StateCode="FL">
        </Address>
      <FareQualifiers FareRestriction="1">
      <SelectedOffers PromotionCode="Coupon">
    </Guest>
    <Guest Code="10">
      <GuestTransportation Mode="29" Status="36">
        <GuestCity LocationCode="DFW"/>
      </GuestTransportation>
    </Guest>
    <Guest Code="07">
      <GuestTransportation Mode="29" Status="36">
        <GuestCity LocationCode="DFW"/>
      </GuestTransportation>
    </Guest>
    <Guest Code="07">
      <GuestTransportation Mode="29" Status="36">
        <GuestCity LocationCode="DFW"/>
      </GuestTransportation>
    </Guest>
    <TPA_Extensions>
      <TPA_FareQualifiers>
        <TPA_FareType IncludeNonRefundablePromos="No"/>
      </TPA_FareQualifiers>
    </TPA_Extensions>
  </OTA_CruiseFastSellRQ>
</m:fastSell>
```

#### 29.4.3.2 Sample Message Responses

Response for a successful cabin hold and 3 unsuccessful cabin hold requests via fast sell:

```
<sell:fastSellResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:sell="http://services.rccl.com/Interfaces/FastSell">
```

```
<alpha:OTA_CruiseCabinHoldRS Version="1.0">
  <alpha:Success/>
  <alpha:SelectedSailing>
<alpha:SelectedCabin CabinNumber="7126" HeldIndicator="false" ReleaseDateTime="2009-02-28T11:16:33.0Z"
Status="51"/>
    <alpha:Insurance InsuranceCode="CRCR" Status="62"/>
  </alpha:SelectedSailing>
</alpha:OTA_CruiseCabinHoldRS>
</sell:fastSellResponse>
```

Refer the message response documentation for other possible responses detailed in [section 28.3](#).

## **29.5 Error Handling**

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## **29.6 Special Design Considerations**

None

## 30. Cruise Make Payment Message

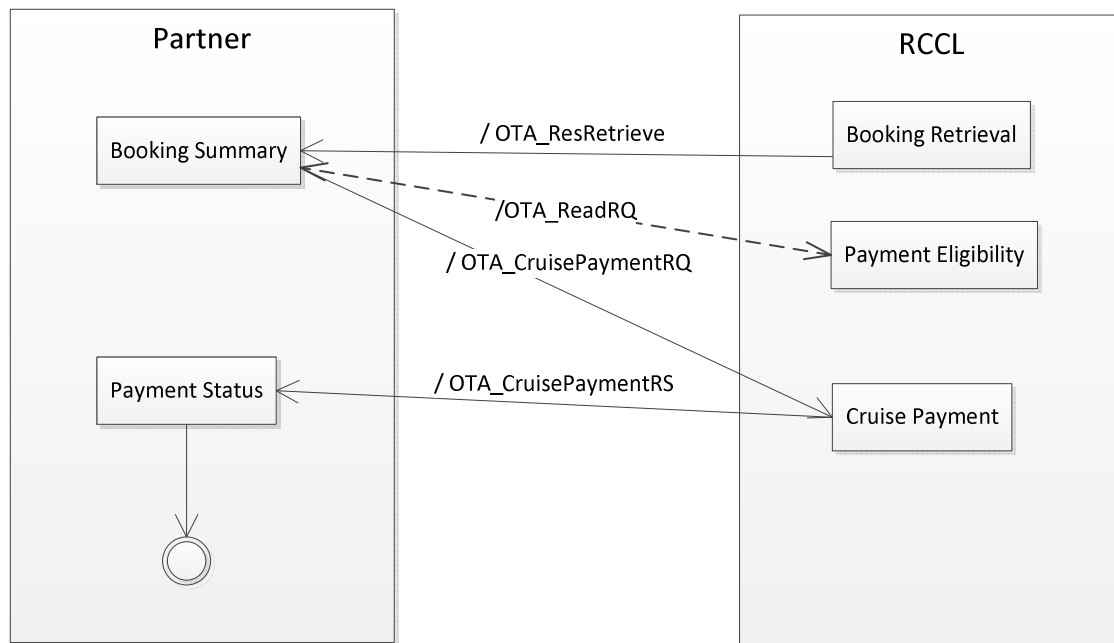
### 30.1 Functional Overview

The Cruise Make Payment message processes one credit card payment at a time and returns a confirmation to the partner.

#### 30.1.1 Transaction Services

- Based on the applicable business rules, credit card payment may not be allowed for a booking.
- The client entering the payment information must be authorized to pay with credit cards prior to the application of payments.
- Invalid credit card types will be rejected. The RCL\_CruiseLogin message provides a list of valid credit cards for the partner/agency.
- Based on the client workflow, PaymentEligibility message should be used to get details on payment schedules and installment payments that are allowed for a particular agency. Brazilian market is the only market that supports installment payment currently.
- A successful validation of the credit card consists of RCL performing a real-time online credit card authorization.

### 30.2 Typical Process Flow



### 30.3 Schema Specification

The schemas for Cruise Make Payment request and response are OTA\_CruisePaymentRQ and OTA\_CruisePaymentRS. Our implementation is based on the OTA\_2007A schema specification.

#### 30.3.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS (Point Of Sale)	POS_Type

#### 30.3.2 Schema Definition

##### 30.3.2.1 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Only one ReservationPayment occurrence and one PaymentDetail occurrence are supported.
- Only supported PaymentDetailType is PaymentCard. All others are ignored.
- PaymentAmount is a required field.

##### 30.3.2.2 Extensions

- None

#### 30.3.3 Cruise Make Payment Response

##### 30.3.3.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

##### 30.3.3.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- PaymentCard information is not included in the response.

##### 30.3.3.3 Extensions

None

### 30.4 Message User Guide

#### 30.4.1 Request Parameters

Field	Data	Type	Required
-------	------	------	----------

	Type	Size	
/OTA_CruisePaymentRQ/POS/Source[1]/@ISOCurrency	String	3	Y
/OTA_CruisePaymentRQ/ReservationPayment[1]/ReservationID/@ID	Integer	7	Y
/OTA_CruisePaymentRQ/ReservationPayment[1]/ReservationID/@SyncDateTime	Datetime		Y
/OTA_CruisePaymentRQ/ReservationPayment[1]/PaymentDetail[1]/PaymentCard/@CardCode	String	2	Y
/OTA_CruisePaymentRQ/ReservationPayment[1]/PaymentDetail[1]/PaymentCard/CardHolderName	String	33	Y
/OTA_CruisePaymentRQ/ReservationPayment[1]/PaymentDetail[1]/PaymentCard/@CardNumber	Integer	20	Y
/OTA_CruisePaymentRQ/ReservationPayment[1]/PaymentDetail[1]/PaymentCard/@EffectiveDate	Date		N
/OTA_CruisePaymentRQ/ReservationPayment[1]/PaymentDetail[1]/PaymentCard/@ExpireDate	Date		Y
/OTA_CruisePaymentRQ/ReservationPayment[1]/PaymentDetail[1]/PaymentCard/@ExtendPaymentIndicator	Boolean		N
/OTA_CruisePaymentRQ/ReservationPayment[1]/PaymentDetail[1]/PaymentAmount/@Amount	Decimal	13	Y
/OTA_CruisePaymentRQ/ReservationPayment[1]/PaymentDetail[1]/PaymentCard/Address/AddressLine	String	25	Y
/OTA_CruisePaymentRQ/ReservationPayment[1]/PaymentDetail[1]/PaymentCard/Address/CityName	String	15	Y
/OTA_CruisePaymentRQ/ReservationPayment[1]/PaymentDetail[1]/PaymentCard/Address/StateProv/@StateCode	String	2	N
/OTA_CruisePaymentRQ/ReservationPayment[1]/PaymentDetail[1]/PaymentCard/Address/CountryName/@Code	String	2	Y
/OTA_CruisePaymentRQ/ReservationPayment[1]/PaymentDetail[1]/PaymentCard/Address/PostalCode	String	9	N
/OTA_CruisePaymentRQ/AgentInfo/@Contact	String	15	Y

### 30.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruisePaymentRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruisePaymentRS /Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruisePaymentRS /Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruisePaymentRS /Success	Node		N
/OTA_CruisePaymentRS/ReservationPayment/ReservationID/@LastModifyDateTime	DateTime		N
/OTA_CruisePaymentRS/ReservationPayment/ReservationID/@ID	Integer	7	N
/OTA_CruisePaymentRS/ReservationPayment/ReservationID/@Type	Integer	2	N
/OTA_CruisePaymentRS/ReservationPayment/PaymentDetail/PaymentAmount/@Amount	String	14	N
/OTA_CruisePaymentRS/ReservationPayment/PaymentDetail/PaymentAmount/@ApprovalCode	String	6	N

### 30.4.3 Use Case

John decides to make a payment against his cruise booking with id 2354 by using his Visa card expiring on January of 2010.

#### 30.4.3.1 Sample Message Request

```
<m:makePayment xmlns:m="http://services.rccl.com/Interfaces/Payment">
  <OTA_CruisePaymentRQ RetransmissionIndicator="false" SequenceNmbr="1" TimeStamp="2009-01-07T14:55:39.831-05:00" TransactionIdentifier="106597" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <ReservationPayment>
      <ReservationID ID="2354" SyncDateTime="2009-01-07T14:57:56Z" Type="14"/>
      <PaymentDetail>
        <PaymentCard CardCode="VI" CardNumber="1234123412341" ExpireDate="0110">
          <CardHolderName>SMITH,JOHN</CardHolderName>
        </PaymentCard>
        <PaymentAmount Amount="60000" CurrencyCode="USD"/>
      </PaymentDetail>
    </ReservationPayment>
    <AgentInfo Contact="PARTNER CERT"/>
  </OTA_CruisePaymentRQ>
</m:makePayment>
```

```
</OTA_CruisePaymentRQ>  
</m:makePayment>
```

### 30.4.3.2 Sample Message Response

The response indicates that the payment has been received and processed.

```
<alpha:OTA_CruisePaymentRS EchoToken="" Version="1.0">  
  <alpha:Success/>  
  <alpha:Warnings>  
    <alpha:Warning Type="3"/>  
  </alpha:Warnings>  
  <alpha:ReservationPayment>  
    <alpha:ReservationID ID="0002354" Type="14" LastModifyDateTime="2009-01-26T06:10:18.0Z"/>  
    <alpha:PaymentDetail>  
      <alpha:Cash/>  
      <alpha:PaymentAmount Amount="600.00" ApprovalCode="1234"/>  
    </alpha:PaymentDetail>  
  </alpha:ReservationPayment>  
</alpha:OTA_CruisePaymentRS>
```

## 30.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 30.6 Special Design Considerations

- Card type in PaymentCard is an OTA\_CodeType (Code List Name = Card Type). Refer to OTA\_CodeTypes appendix for more information.



## 31. Cruise Itinerary Detail Message

### 31.1 *Functional Overview*

The Cruise Itinerary Detail message is used to return the itinerary details of the sailing. The message allows travel customers to request the detailed itinerary for a specific sailing.

The request message accepts a ship and sail date to retrieve the itinerary.

The response message contains the detailed itinerary in the format below:

- Every location the ship visits in its entire sailing is listed as a port on the itinerary.
- The departure date and time are listed for each port except the disembarkation port.
- The arrival date and time are listed for each port except the embarkation port.
- The port element can also specify “At Sea”, indicating a sailing period.
- Each port listed contains an indicator to specify whether the ship docks at that specific location. This feature can be employed to include scenic locations such as “The Great Barrier Reef” on the itinerary, even though the ship does not dock at the location.

Each port and its code listed also contains an indicator to specify whether or not a shore excursion exists at that location.

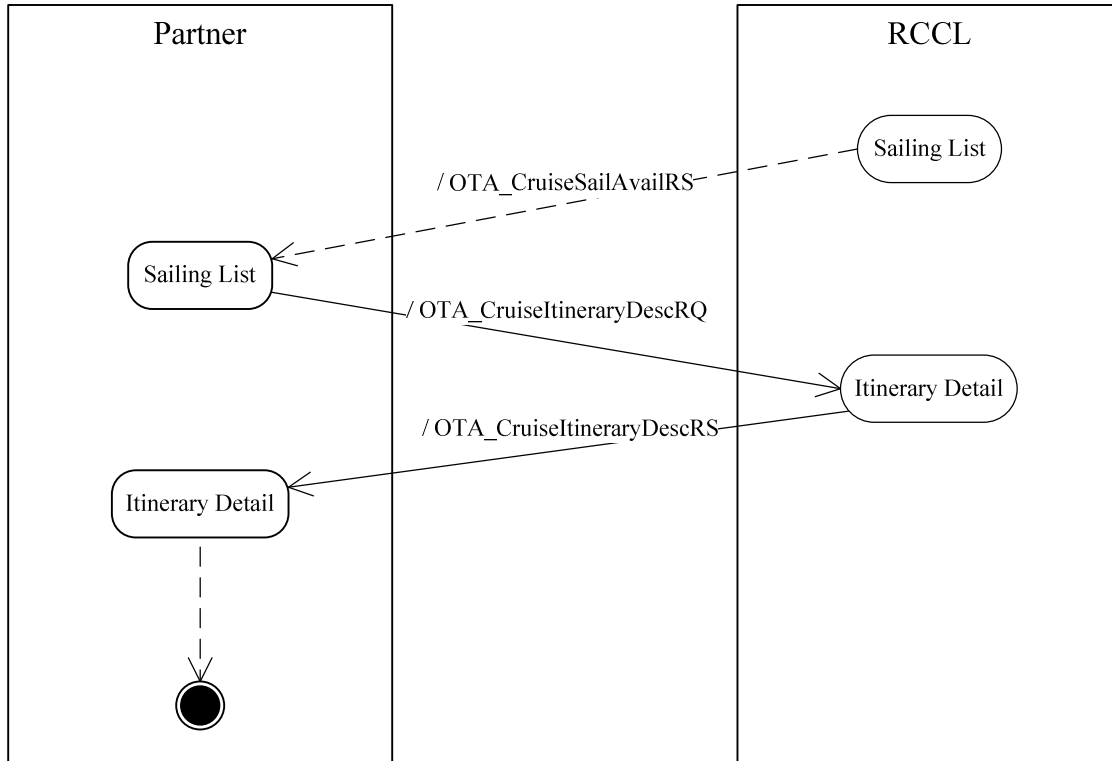
There is no sorting of the results since the itinerary is based on each day of the sailing.

Note: This message does not return a given port’s country code. It is up to the partner to map ports to countries if required by the partner’s system.

#### 31.1.1 **Transaction Services**

- Returns the itinerary details associated with the sailing.

## 31.2 Typical Process Flow



## 31.3 Schema Specification

The schemas for Cruise Itinerary detail request and response are OTA\_CruiseItineraryDescRQ and OTA\_CruiseItineraryDescRS. Our implementation is based on the OTA\_2007A schema specification.

### 31.3.1 Cruise Itinerary Detail Request

#### 31.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType
ReservationID	UniqueIDType

#### 31.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 31.3.1.3 Extensions

- None

### 31.3.2 Cruise Itinerary Detail Response

#### 31.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

#### 31.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Response will not include the status in the SelectedSailing element.

#### 31.3.2.3 Extensions

None

## 31.4 Message User Guide

### 31.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseItineraryDescRQ/SelectedSailing/@Start	Date		Y
/OTA_CruiseItineraryDescRQ/SelectedSailing/@ShipCode	String	2	Y
/OTA_CruiseItineraryDescRQ/PackageOption/@CruisePackageCode	String	8	Y

### 31.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseItineraryDescRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseItineraryDescRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseItineraryDescRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseItineraryDescRS/Success	Node		N
/OTA_CruiseItineraryDescRS/CruiseItinInfos/CruiseItinInfo[1-50]/@PortCode	String	3	N
/OTA_CruiseItineraryDescRS/CruiseItinInfos/CruiseItinInfo[1-50]/@PortName	String	28	N
/OTA_CruiseItineraryDescRS/CruiseItinInfos/CruiseItinInfo[1-50]/DateTimeDescription[1-2]/@DateTimeDetails	DateTime		N
/OTA_CruiseItineraryDescRS/CruiseItinInfos/CruiseItinInfo[1-50]/DateTimeDescription[1-2]/@DateTimeQualifier	String	9	N
/OTA_CruiseItineraryDescRS/CruiseItinInfos/CruiseItinInfo[1-50]/DateTimeDescription[1-2]/@DayOfWeek	String	3	N
/OTA_CruiseItineraryDescRS/CruiseItinInfos/CruiseItinInfo[1-50]/Information/Text	String	8	N

### 31.4.3 Use Case

#### 31.4.3.1 Sample Message Request

John submits a request message to receive the itinerary detail of the Celebrity Summit sailing on February 10, 2010 package code SM07D024.

```
<itin:getItineraryDetail xmlns:itin="http://services.rccl.com/Interfaces/ItineraryDetail">
```

```

<OTA_CruiseItineraryDescRQ Version="1" SequenceNmbr="1" TimeStamp="2008-11-04T17:42:01.251+05:30"
xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
  <POS>
    ...
  </POS>
  <SelectedSailing ShipCode="SM" Start="2010-02-13" />
  <PackageOption CruisePackageCode="SM07D024"/>
</OTA_CruiseItineraryDescRQ>
</itin:getItineraryDetail>

```

### 31.4.3.2 Sample Message Response

The response message contains the details of the sailing such as the port code and name, arrival time, departure time etc for all the ports in chronological order.

```

<detail:getItineraryDetailResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:detail="http://services.rccl.com/Interfaces/ItineraryDetail">
  <alpha:OTA_CruiseItineraryDescRS Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:SelectedSailing/>
    <alpha:CruiseItinInfos>
      <alpha:CruiseItinInfo PortName="SAN JUAN, PUERTO RICO" PortCode="SJU">
        <alpha:DateTimeDescription DateTimeDetails="2010-02-13" DateTimeQualifier="arrival" DayOfWeek="Sat"/>
        <alpha:DateTimeDescription DateTimeDetails="2010-02-13T20:30:00.0Z" DateTimeQualifier="departure"
DayOfWeek="Sat"/>
        <alpha:Information>
          <alpha:Text>Docked</alpha:Text>
        </alpha:Information>
      </alpha:CruiseItinInfo>
      <alpha:CruiseItinInfo PortName="CHARLOTTE AMALIE, ST. THOMAS" PortCode="STT">
        <alpha:DateTimeDescription DateTimeDetails="2010-02-14T08:00:00.0Z" DateTimeQualifier="arrival"
DayOfWeek="Sun"/>
        <alpha:DateTimeDescription DateTimeDetails="2010-02-14T18:00:00.0Z" DateTimeQualifier="departure"
DayOfWeek="Sun"/>
        <alpha:Information>
          <alpha:Text>Docked</alpha:Text>
        </alpha:Information>
      </alpha:CruiseItinInfo>
      <alpha:CruiseItinInfo PortName="ST. CROIX, U.S.V.I." PortCode="STX">
        <alpha:DateTimeDescription DateTimeDetails="2010-02-15T07:00:00.0Z" DateTimeQualifier="arrival"
DayOfWeek="Mon"/>
        <alpha:DateTimeDescription DateTimeDetails="2010-02-15T17:00:00.0Z" DateTimeQualifier="departure"
DayOfWeek="Mon"/>
        <alpha:Information>
          <alpha:Text>Docked</alpha:Text>
        </alpha:Information>
      </alpha:CruiseItinInfo>
      <alpha:CruiseItinInfo PortName="BASSETERRE, ST. KITTS" PortCode="SKB">
        <alpha:DateTimeDescription DateTimeDetails="2010-02-16T08:00:00.0Z" DateTimeQualifier="arrival"
DayOfWeek="Tue"/>
        <alpha:DateTimeDescription DateTimeDetails="2010-02-16T18:00:00.0Z" DateTimeQualifier="departure"
DayOfWeek="Tue"/>
        <alpha:Information>
          <alpha:Text>Docked</alpha:Text>
        </alpha:Information>
      </alpha:CruiseItinInfo>
      <alpha:CruiseItinInfo PortName="ST. JOHNS, ANTIGUA" PortCode="ANU">
        <alpha:DateTimeDescription DateTimeDetails="2010-02-17T08:00:00.0Z" DateTimeQualifier="arrival"
DayOfWeek="Wed"/>

```

```

    <alpha:DateTimeDescription DateTimeDetails="2010-02-17T17:00:00.0Z" DateTimeQualifier="departure"
DayOfWeek="Wed"/>
    <alpha:Information>
      <alpha:Text>Docked</alpha:Text>
    </alpha:Information>
  </alpha:CruiseItinInfo>
  <alpha:CruiseItinInfo PortName="CASTRIES, ST. LUCIA" PortCode="SLU">
    <alpha:DateTimeDescription DateTimeDetails="2010-02-18T09:00:00.0Z" DateTimeQualifier="arrival"
DayOfWeek="Thu"/>
    <alpha:DateTimeDescription DateTimeDetails="2010-02-18T18:00:00.0Z" DateTimeQualifier="departure"
DayOfWeek="Thu"/>
    <alpha:Information>
      <alpha:Text>Tendered</alpha:Text>
    </alpha:Information>
  </alpha:CruiseItinInfo>
  <alpha:CruiseItinInfo PortName="AT SEA">
    <alpha:DateTimeDescription DateTimeDetails="2010-02-19" DateTimeQualifier="arrival" DayOfWeek="Fri"/>
    <alpha:DateTimeDescription DateTimeDetails="2010-02-19" DateTimeQualifier="departure"
DayOfWeek="Fri"/>
  </alpha:CruiseItinInfo>
  <alpha:CruiseItinInfo PortName="SAN JUAN, PUERTO RICO" PortCode="SJU">
    <alpha:DateTimeDescription DateTimeDetails="2010-02-20T07:00:00.0Z" DateTimeQualifier="arrival"
DayOfWeek="Sat"/>
    <alpha:DateTimeDescription DateTimeDetails="2010-02-20" DateTimeQualifier="departure"
DayOfWeek="Sat"/>
    <alpha:Information>
      <alpha:Text>Docked</alpha:Text>
    </alpha:Information>
  </alpha:CruiseItinInfo>
  <alpha:CruiseItinInfo>
    <alpha:DateTimeDescription DateTimeDetails="2007-01-01" DateTimeQualifier="stay" DayOfWeek="Sat"/>
  </alpha:CruiseItinInfo>
</alpha:CruiseItinInfos>
</alpha:OTA_CruiseItineraryDescRS>
</detail:getItineraryDetailResponse>

```

### 31.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

### 31.6 Special Design Considerations

None

## 32. Cruise Booking Document Message

### 32.1 Functional Overview

The Cruise Booking Document message provides the user the ability to request a document type and its delivery method without retrieving the reservation. Normally, e-docs are available if the sailing date is at least 30 days in the future from the time of booking.

#### 32.1.1 Transaction Services

The user can specify in the request the reservation ID and the type of document (see chart below) the user wants along with the optional delivery details – email or fax number.

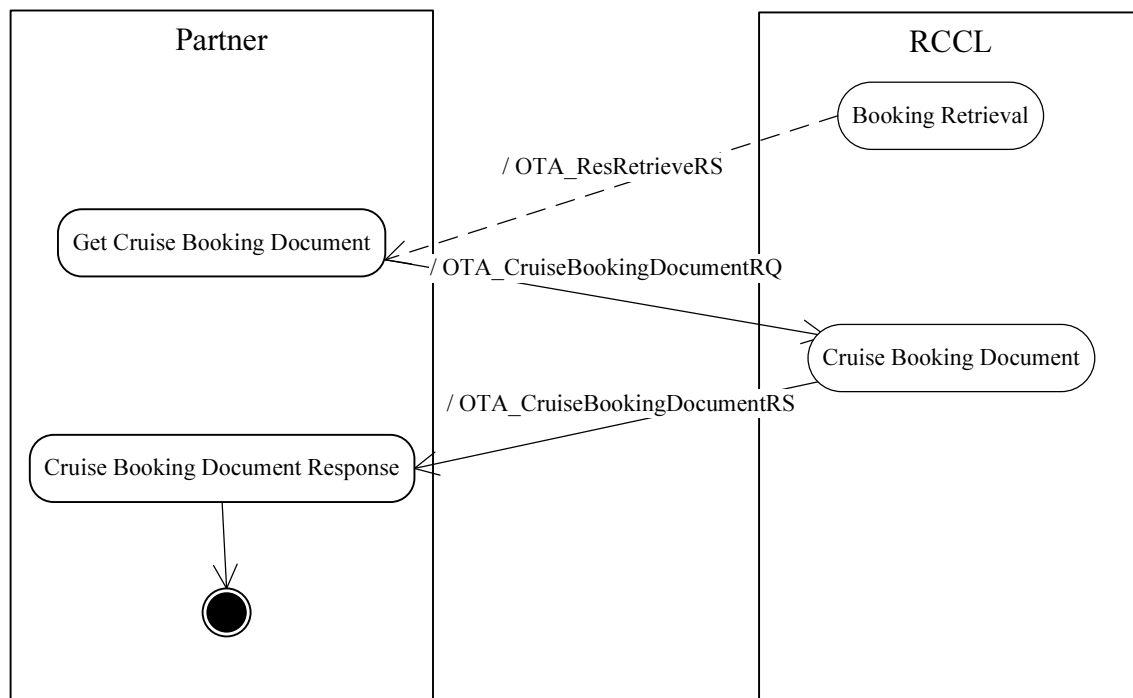
- In case the recipient information is not provided, the RCL Cruise API default rules are applied for sending reservation documentation and is driven by the given agency configuration.
- The delivery method will be determined by whether the phone or email elements are provided as part of the request if present.
- Possible values for `/OTA_CruiseBookingDocumentRQ/CruiseDocument/RecipientInfo/@ContactType` are
  - AGENT
  - GUEST
  - BOTH
- The bookings that can be requested at any time depend on the status of the booking. Some of the criteria based on which the list of documents can be requested are given below:

Document Name	Document Type Code	Criteria when document can be requested
Booking Invoice	6	Can be requested after a booking is created and prior to sailing
APIS Letter	8	Can be requested when the booking has a valid agreement status
Cancellation Invoice	11	Can be requested when the following criteria are met <ul style="list-style-type: none"> <li>• Booking status is "CX"</li> <li>• Requester is an International user</li> </ul>
Shore Ex Confirmation	9	Can be requested when the following criteria is met <ul style="list-style-type: none"> <li>• Requester is an International user</li> </ul>
Confirmation of Waitlist	13	Can be requested when the following criteria are met <ul style="list-style-type: none"> <li>• Booking status is "WLT"</li> <li>• Requester is an International user</li> </ul>
Booking Offer Details	12	Can be requested when the following criteria are met <ul style="list-style-type: none"> <li>• Booking status is "OF"</li> <li>• Requester is an International user</li> </ul>

eDocs	7	Can be requested when the request date is in the eDocs range prior to a sailing
Amenity Confirmation	15	Can be requested by International users
Invoice (Final)	14	Can be requested by certain International users
Notification of Changes	10	Can be requested by certain International users

The response message returns the status of each delivery request that was made.

## 32.2 Typical Process Flow



## 32.3 Schema Specification

The schemas for Cruise Booking Document request and response are OTA\_CruiseBookingDocumentRQ and OTA\_CruiseBookingDocumentRS. Our implementation is based on the OTA\_2007A schema specification.

### 32.3.1 Cruise Booking Document Request

#### 32.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS (Point Of Sale)	POS_Type
ReservationID	UniqueID_Type
CruiseDocument	DocumentHandlingType ( Extends)

### 32.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Snail mailing of documents is not supported.
- Only one type of document can be requested per booking through a transaction.
- The first occurrence of email or telephone is used based on the document delivery method.

### 32.3.1.3 Extensions

None

## 32.3.2 Cruise Booking Document Response

### 32.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
ReservationID	UniqueID_Type (Extends)
CruiseDocument	DocumentHandlingType (Extends)
Errors	ErrorsType

### 32.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

### 32.3.3 Extensions

None

## 32.4 Message User Guide

### 32.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseBookingDocumentRQ/ReservationID/@ID	Integer	7	Y
/OTA_CruiseBookingDocumentRQ/CruiseDocument/RecipientInfo/Telephone/@PhoneNumber	String	19	N
/OTA_CruiseBookingDocumentRQ/CruiseDocument/RecipientInfo/Email	String	60	N
/OTA_CruiseBookingDocumentRQ/CruiseDocument/RecipientInfo/@ContactType	String	5	Y
/OTA_CruiseBookingDocumentRQ/CruiseDocument/@DocumentTypeCode	Integer	2	Y

### 32.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseBookingDocumentRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseBookingDocumentRS /Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseBookingDocumentRS /Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseBookingDocumentRS /Success	Node		N



/OTA_CruiseBookingDocumentRS/ReservationID/[@ID=' ']	String	1	N
/OTA_CruiseBookingDocumentRS/ReservationID/@Type	Integer	2	N
/OTA_CruiseBookingDocumentRS/CruiseDocument/@Status	String	1	N
/OTA_CruiseBookingDocumentRS/CruiseDocument/@Reason	String	64	N

### 32.4.3 Use Case

John wants to receive the booking invoice to his email address so his agent sends a request so that RCL sends him the booking invoice to his email address.

#### 32.4.3.1 Sample Message Request

```
<m:getBookingDocument xmlns:m="http://services.rccl.com/Interfaces/BookingDocument">
  <OTA_CruiseBookingDocumentRQ TimeStamp="2008-11-05T09:09:09" Version="2.0"
  TransactionIdentifier="232702" SequenceNmbr="1" xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <ReservationID ID="8176" Type="14"/>
    <CruiseDocument DocumentTypeCode="6">
      <RecipientInfo ContactType="GUEST">
        <Email>JOHNGUEST@MYDOMAIN.COM</Email>
      </RecipientInfo>
    </CruiseDocument>
  </OTA_CruiseBookingDocumentRQ>
</m:getBookingDocument>
```

#### 32.4.3.2 Sample Message Response

The response indicates that the booking document request was received successfully and will be processed.

```
<alpha:OTA_CruiseBookingDocumentRS EchoToken="" Version="1.0">
  <alpha:Success/>
  <alpha:Warnings>
    <alpha:Warning Type="3"/>
  </alpha:Warnings>
  <alpha:ReservationID ID=" " Type="5"/>
  <alpha:CruiseDocument Reason="SUCCESSFUL SUBMIT" Status="0"/>
</alpha:OTA_CruiseBookingDocumentRS>
```

### 32.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

### 32.6 Special Design Considerations

- Document Type code in CruiseDocument@DocumentTypeCode is an OTA\_CodeType (Code List Name = Document Type).

## 33. Retrieve Booking Message

### 33.1 Functional Overview

The Retrieve Booking message uses the RCL booking id to retrieve the components of a booking, to include cruise, air details, and tour information.

The response also includes information related to air booked via Choice Air.

### 33.2 Transaction Services

- This transaction puts a lock on the booking so that no other client can retrieve or update the booking while the current client is updating it.
  - This hold will remain in effect for a short duration currently set at 15 minutes.
- This transaction returns a set of flags (the booking matrix) to indicate what types of changes are allowed on the booking.
  - Restrictions are based on factors such as the length of time to the departure date, documents already issued, payment status, etc.
  - When code 77 is returned under the NotModifiable cruise profile, the booking cannot be amended via the Cruise API. This is due to the booking having a segmented/ interporting itinerary or taking part in back-to-back bookings. At this point, the booking is only returned for informational purposes only.
  - RCL recommends that the partner's client application leverage the provided booking restrictions to control the amendment navigation before submitting additional transaction requests to the API.
- The response will provide air details if the booking includes air, assignment and viewable status, and Choice Air details.
- Full pricing details are not available for default retrieval request. Detailed Pricing can be received by setting the Request in "RetrievePrice" Mode.
- Customer request for accessible/non-accessible stateroom qualifier and additional cabin related information will be returned. If partners choose to opt out for the qualifiers in the confirmBooking request, default qualifier value will be assigned based on the confirmed stateroom.
- Choice Air scenarios
  - When a passenger has booked air via Choice Air

- A passenger's //ProviderInfo/Provider will specify 'CHOICE AIR'
  - //@PriceTypeCode = 161 shows the penalty amount when a guest cancelled their Choice Air booking and is 0 when component is not cancelled. Needs to be displayed as "Choice Air penalty amount" when provided.
  - //@PriceTypeCode = 162 shows the penalty amount that has been deducted from the payments already made to the booking and is only used to determine amount due. Does not need to be displayed.
  - //@PriceTypeCode = 161 - 162 > 0 shows the penalty amount due. Needs to be displayed as "Choice Air penalty amount due" when > 0.
  - //@PriceTypeCode = 163 shows the actual cost for the Choice Air component. Shows 0 when cancelled. Needs to be displayed as "Choice Air charge/cost"
  - Passenger level Choice Air service charge is returned in //@PriceTypeCode = 164 and is not required to be displayed on the pricing display screen.
  - Secure flight data will be returned in the GuestDetails node under the ContactInfo XML element. The new attributes that will be returned will be MiddleNameFlag, RedressNumber, KnownTravelerNumber.
  - Operating carrier Name will be returned.
- Choice Air assessed and withholding amounts are also summarized at the booking level with //BookingPayment/BookingPrices/BookingPrice[1-4] and are identified using the same PriceTypeCodes.
    - The same subtraction rule of 162 from 161 applies and is key since, at the booking level, this will define cancellation penalties due for passengers that are no longer part of the given booking.
  - Auto Add options
    - SelectedOption will return additional information related to Auto Added charges.

Response:

```
<alpha:SelectedOptions DeliveryLocation="person" MandatoryIndicator="true"
OptionCode="FUEL" TPA_OptionType="F" OptionType="F" AutoAddedIndicator="true"
MandatoryIndicator="false">
```

OptionType – Refer to OTA CodeLookupId "TPA\_OTP" for values.

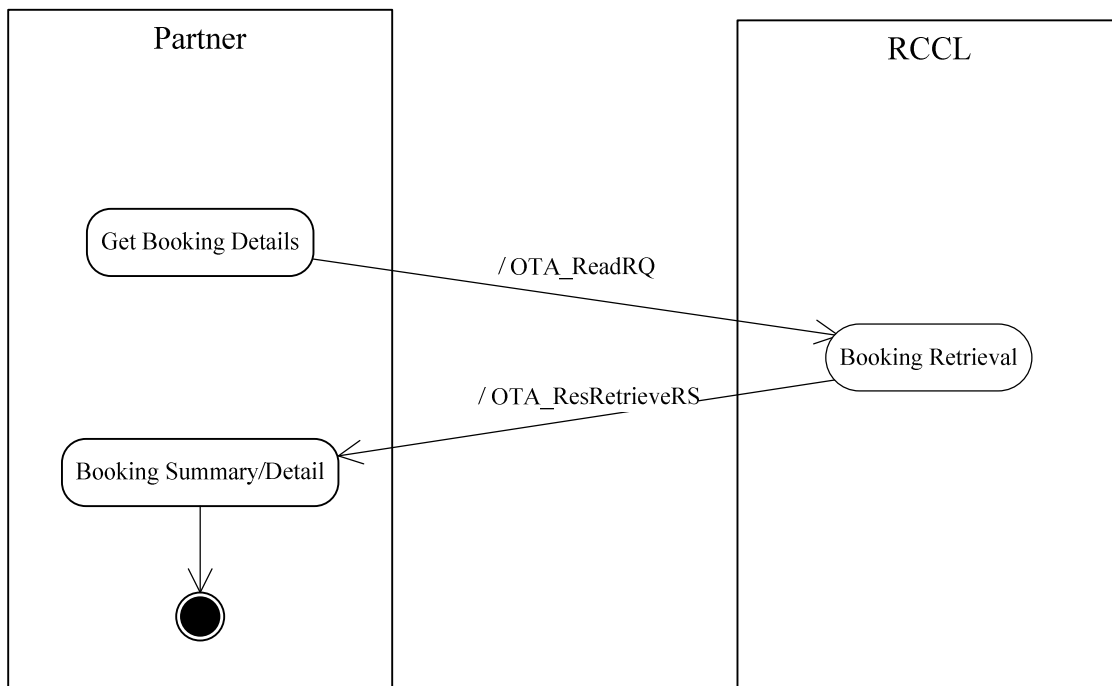
MiddleNameFlag will now return Yes/No string in the response.

```
<alpha:GuestDetail>
<alpha:ContactInfo ContactType="CNT" RPH="1" Age="24" Gender="Female"
GuestRefNumber="347934240" Nationality="US" MiddleNameFlag="Yes"
RedressNumber="1234">
<alpha:PersonName>
<alpha:GivenName>CRISTAL</alpha:GivenName>
<alpha:MiddleName>Smith</alpha:MiddleName>
<alpha:Surname>LIGHT</alpha:Surname>
<alpha:NameTitle>MS</alpha:NameTitle>
```

This attribute, **TPA\_OptionType="F"**, will be removed.  
OptionType will have the same information.

- Pricing and Promotions
  - In Amend mode, booking price can be requested by passing the “RetrievePrice” action code. This would return the aggregated summary of choice air pricing details plus the booking invoice.
  - All guest level promotional qualifiers will be returned in the response.
- Guest Pre-vacation contact.
  - For travel partners operating in USA and Canada, a mobile contact and email address will be required for the first guest in the reservation, by no later than the due date for final payment. This information will be returned as part of First Guest Alternate address contact.
- Non-Refundable Promotions
  - Promotion and Booking Refundable type will be returned in the response.
- Global Guest Data
  - In Language guest level attributes such as first name, last name and middle name will be returned in the response under “LNG” contact type. This information will be captured and maintained for Chinese markets.
- Individual Bookings to Group Transfer
  - Individual Bookings into Group Reservation transfer eligibility can be requested by setting the group identification number and the evaluation flags. Transfer eligibility and the reason code will be returned in the response.

### 33.3 Typical Process Flows



### 33.4 Schema Specification

The schemas for Retrieve Booking request and response are `OTA_ReadRQ` and `OTA_ResRetrieveRS`. Our implementation is based on the `OTA_2007A` schema specification.

#### 33.4.1 Retrieve Booking Request

##### 33.4.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType
UniqueID	UniqueID_Type

##### 33.4.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

##### 33.4.1.3 Extensions

None

### 33.4.2 Retrieve Booking Response

#### 33.4.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

#### 33.4.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- ReservationInfo/ReservationID is intended to be used for RCL Reservation ID only. PNRs are not supported.
- Air, Hotel, Golf and Vehicle reservation elements are commented out and the values for those will not be provided in the response.

#### 33.4.2.3 Extensions

None

## 33.5 Message User Guide

### 33.5.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_ReadRQ/@TransactionActionCode="RetrievePrice"	String	13	N
/OTA_ReadRQ/UniqueID/@ID	Integer	7	Y
/OTA_ReadRQ/UniqueID/@ID_Context	Integer	7	N
/OTA_ReadRQ/UniqueID/@BookInToGroupsEvaluationRequested	String	3	N

### 33.5.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_ResRetrieveRS/Warnings/Warning[1-3]	String	80	N
/OTA_ResRetrieveRS /Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_ResRetrieveRS /Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_ResRetrieveRS /Success	Node		N
/OTA_ResRetrieveRS/CruiseReservation/@DocumentsIssuedIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/@DocumentChoiceIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/@RestrictedFareIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/@BookingCountryCode	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/@ExpeditionIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/@BookInToGroupsEligible	String	3	N
/OTA_ResRetrieveRS/CruiseReservation/@BookInToGroupsMessageID	String	7	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedSailing/@Start	Date		N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedSailing/@Duration	String	4	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedSailing/CruiseLine/@VendorCode	String	3	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedSailing/Region/@RegionCode	String	5	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedSailing/Region/@SubRegionCode	String	5	N

/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/InclusivePackageOption/ @CruisePackageCode	String	8	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/Currency/@CurrencyCode	String	3	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/@PricedCategoryCode	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/@FareCode	String	8	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/@NonRefundableType	OTA_CodeType		N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/@BookingNonRefundableType	OTA_CodeType		N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/@PromotionClass	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/@PromotionDescription	String	15	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/@PromotionTypes	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/@BerthedCategoryCode	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/@DeckName	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/@WaitlistIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/CabinAttributes/ CabinAttribute/@CabinAttributeCode	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/ SelectedCabin/@CabinNumber	String	5	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/ SelectedCabin/@Status	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/ SelectedCabin/@MaxOccupancy	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/ SelectedCabin/@PositionInShip	String	7	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/ SelectedCabin/@CategoryLocation	String	7	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/ SelectedCabin/CabinConfiguration/@BedConfigurationCode	String	1	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/ SelectedCabin/MeasurementInfo/@Name	String	25	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/ SelectedCabin/MeasurementInfo/@UnitOfMeasurementQuantity	Integer	1	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/ SelectedCabin/MeasurementInfo/@UnitOfMeasure	String	8	N
/OTA_ResRetrieveRS/CruiseReservation/SailingInfo/SelectedCategory/ SelectedCabin/CabinAttributes/CabinAttribute/@CabinAttributeCode	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/SailingProfile/[@ProfileTypeIdIdentifier='NotModifiable'] / CruiseProfile/@Code	Integer	3	N
/OTA_ResRetrieveRS/CruiseReservation/SailingProfile/[@ProfileTypeIdIdentifier='Modifiable']/ CruiseProfile/@Code	Integer	3	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[1]/@ID	Integer	7	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[1]/@StatusCode	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[1]/@Type	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[1]/@Instance	Integer	1	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[1]/@BookedDate	Date		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[1]/ @LastModifyDateTime	DateTime		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[1]/@OfferDate	DateTime		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[1]/CompanyName/ @Department	Integer	9	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[1]/CompanyName/ @Division	Integer	9	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[1]/CompanyName/ @Code	String	10	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[1]/CompanyName/ @CodeContext	String	20	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[2]/@ID	Integer	1	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[2]/@Type	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[2]/CompanyName/ @Department	String	19	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[2]/CompanyName/ @Division	String	19	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[2]/CompanyName/ @Code	String	10	N

/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID[2]/CompanyName/ @CodeContext	String	20	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/@GuestRefNumber	Integer	9	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/@Nationality	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/@BirthDate	Date		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/@Gender	String	8	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/@Age	Integer	3	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/@MiddleNameFlag	String	5	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/PersonName/GivenName	String	14	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/PersonName/Surname	String	18	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/PersonName/MiddleName	String	14	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/PersonName/NameTitle	String	4	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/Address/AddressLine	String	25	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/Address/CityName	String	15	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/Address/PostalCode	String	9	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/Address/StateProv/@StateCode	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/Address/StateProv	String	15	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/Address/CountryName/@CountryCode	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/Telephone/@PhoneNumber	String	25	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='CNT']/FareQualifiers/@FareRestriction	String	1	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='ALT']			
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='ALT']/PersonName/GivenName	String	14	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='ALT']/PersonName/Surname	String	18	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='ALT']/PersonName/NameTitle	String	4	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='ALT']/Address/AddressLine[1-2]	String	25	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='ALT']/Address/CityName	String	15	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='ALT']/Address/PostalCode	String	9	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='ALT']/Address/StateProv/@StateCode	String	2	N
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/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ ContactInfo/[@ContactType='ALT']/Telephone[1-3]/@PhoneTechType	Integer	2	N



/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/Email	String	60	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='ALT']/Email[EmailType='1']	String	60	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/PersonName/GivenName	String	14	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/PersonName/Surname	String	18	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/Address/AddressLine[1-2]	String	25	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/Address/CityName	String	15	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/Address/PostalCode	String	9	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/Address/StateProv/@StateCode	String	2	N
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/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/Address/CountryName/@CountryCode	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='EMG']/Telephone/@PhoneNumber	String	25	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='LNG']/PersonName/GivenName	String	14	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='LNG']/PersonName/Surname	String	18	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/ContactInfo/[@ContactType='LNG']/PersonName/MiddleName	String	14	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/GuestTransportation[1-2]/@Mode	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/GuestTransportation[1-2]/@Status	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/GuestTransportation[1-2]/GatewayCity/@LocationCode	String	3	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/GuestTransportation[1-2]/ProviderInfo/Provider/	String	10	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/GuestTransportation[1-2]/ProviderInfo/NonRefundableIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/LoyaltyInfo/@MembershipID	Integer	9	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/LinkedTraveler[1-2]/@LinkedTypeCode	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/LinkedTraveler[1-2]/@Relation	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument[@DocType='2']/@DocID	String	12	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument[@DocType='2']/@ExpireDate	Date		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument[@DocType='2']/@DocIssueCountry	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument/DocLimitations	String	1	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument[@DocType='15']/@DocID	String	13	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/TravelDocument[@DocType='5']/@DocID	String	12	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1-2]/@Status	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1-2]/@Sitting	String	1	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1-2]/@SittingType	String	11	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1-2]/@SittingInstance	String	8	N

/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1]/@FamilyTimeIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1]/@SmokingCode	Integer	1	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1]/@TableSize	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1]/@Language	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedDining[1]/@AgeCode	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOffers[0-1]/@PromotionCode	String	16	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPromotions[0-20]/@PromotionCode	String	16	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPromotions[0-20]/@NonRefundableType	OTA_CodeType		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedInsurance/@InsuranceCode	String	4	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedInsurance/@SelectedOptionIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOptions[1-20]/@OptionCode	String	4	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOptions[1-20]/@DeliveryLocation	String	10	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOptions[1-20]/@ModifiableIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOptions[1-20]/@TPA_OptionType	String	1	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedOptions[1-20]/Message/Text	String	12	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/@CruisePackageCode	String	6	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/@PackageTypeCode	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/@Status	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/@InclusiveIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/@Duration	String	4	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/Location[1-2]/@LocationCode	String	13	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/Location[1]/@LocationName	String	50	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/Location[1]/Information/Text	String	40	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/Location[1]/Information/@Name	String	3	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedPackages/SelectedPackage[1-5]/Location[2]/@CodeContext	String	22	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/@Code	String	4	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/@Date	Date		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/@NbrOfYears	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/@CodeDetail	String	15	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/SelectedSpecialServices/SelectedSpecialService[1-4]/Comment/Text	String	10	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/@AirAccommodationType	String	11	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/@Comment	String	1	N

/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/@DepartureDateTime	DateTime		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/@ArrivalDateTime	DateTime		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/DepartureCity/@LocationCode	String	3	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/ArrivalCity/@LocationCode	String	3	
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/Airline/@Code	String	3	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/Airline/@FlightNumber	String	5	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/AirAccommodations/AirAccommodation[1-10]/Airline/@CompanyShortName	String	32	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/CruiseDocument/@DocumentLanguage ***	String	3	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/CruiseDocument/@DeliveryMethodCode	Integer	1	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/Profiles/@ProfileTypeIdIdentifier	String	10	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/Profiles/CruiseProfile[1-2]/@Code	Integer	3	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/LinkedBookings/LinkedBooking[1-24]/@LinkTypeCode	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/LinkedBookings/LinkedBooking[1-24]/UniqueID/@ID	Integer	7	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/GuestDetails/GuestDetail[1-4]/LinkedBookings/LinkedBooking[1-24]/UniqueID/@Type	Integer	2	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/PaymentOptions/PaymentOption/BankAcct/@ChecksAcceptedInd	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/PaymentOptions/PaymentOption/PaymentAmount/@Amount	String	14	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/CancellationPenalty/@Amount	String	14	N
/OTA_ResRetrieveRS/CruiseReservation/PaymentsDue/PaymentDue[1-2]/@DueDate	Date		N
/OTA_ResRetrieveRS/CruiseReservation/PaymentsDue/PaymentDue[1]/@Amount	String	14	N
/OTA_ResRetrieveRS/CruiseReservation/Information/Text[1]	String	100	N
/OTA_ResRetrieveRS/CruiseReservation/Information/Text[2]/[@Name='Insurance']	String	1	N
/OTA_ResRetrieveRS/CruiseReservation/Information/Text[3]	String	15	N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/BookingPrices/BookingPrice[1-15]/@Amount	String	14	N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/BookingPrices/BookingPrice[1-15]/@PriceTypeCode	Integer	3	N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@Amount	String	14	N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@PriceTypeCode	Integer	3	N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@CodeDescription	String	16	N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@CodeDetail	String	16	N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@FaceCurrency	String	3	N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@FaceValue	String	14	N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@PricedComponentCode	String	16	N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@PricedComponentType	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@PricingLevel	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@PricingType	String	2	N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@OptionType	String	2	N

/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@AutoAddedIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@SelectedOptionsIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@MandatoryIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@ItimizableIndicator	Boolean		N
/OTA_ResRetrieveRS/CruiseReservation/TPA_Extensions/BookingPayment/GuestPrices/GuestPrice/PriceInfos/PriceInfo[1-65]/@NonRefundableType	OTA_CodeType		N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/ReservationID/@ID	Integer	7	N
/OTA_ResRetrieveRS/CruiseReservation/ReservationInfo/@Type	Integer	2	N
/OTA_ResRetrieveRS/CruiseDocument/@Status	String	1	N
/OTA_ResRetrieveRS/CruiseDocument/@Reason	String	64	N

### 33.5.3 Use Case

#### 33.5.3.1 Sample Message Request

John has a reservation with id 8308 currently in offered status for a cruise on one of the Royal Caribbean International's ships. John wants to be sure his cruise details are accurately captured by his agent and they retrieve the booking.

```
<m:retrieveBooking xmlns:m="http://services.rccl.com/Interfaces/RetrieveBooking">
  <m0:OTA_ReadRQ MaxResponses="030" MoreDataEchoToken="01" MoreIndicator="false"
  RetransmissionIndicator="false" SequenceNmbr="1" Target="Test" TimeStamp="2008-05-16T13:51:14"
  TransactionStatusCode="Start" Version="2.0">
    <m0:POS>
      ...
    </m0:POS>
    <m0:UniqueID ID="8308" Type="14"/>
  </m0:OTA_ReadRQ>
</m:retrieveBooking>
```

#### 33.5.3.2 Sample Message Response

John's reservation is returned, and he is happy to see that his details are accurately captured.

```
<booking:retrieveBookingResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:booking="http://services.rccl.com/Interfaces/RetrieveBooking">
  <alpha:OTA_ResRetrieveRS SequenceNmbr="0" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:ReservationsList>
      <alpha:CruiseReservation>
        <alpha:SailingInfo>
          <alpha:SelectedSailing Duration="P7N" Start="2009-08-02">
            <alpha:CruiseLine ShipCode="FR" VendorCode="RCC"/>
            <alpha:Region RegionCode="CAW" SubRegionCode="CAW"/>
          </alpha:SelectedSailing>
          <alpha:InclusivePackageOption CruisePackageCode="FR07W032"/>
          <alpha:Currency CurrencyCode="USD"/>
          <alpha:SelectedCategory BerthedCategoryCode="D1" DeckName="10" FareCode="BRKE07"
          PricedCategoryCode="D1" WaitlistIndicator="false">
            <alpha:SelectedCabin CabinNumber="1380" CategoryLocation="Outside" MaxOccupancy="2"
            PositionInShip="Aft" Status="39">
              <alpha:CabinConfiguration BedConfigurationCode="U"/>
            </alpha:SelectedCabin>
          </alpha:SelectedCategory>
        </alpha:CruiseReservation>
      </alpha:ReservationsList>
    </alpha:OTA_ResRetrieveRS>
  </booking:retrieveBookingResponse>
```

```
<alpha:MeasurementInfo Name="Number of Berths in Cabin" UnitOfMeasureQuantity="4"/>
<alpha:CabinAttributes>
  <alpha:CabinAttribute CabinAttributeCode="2C"/>
</alpha:CabinAttributes>
</alpha:SelectedCabin>
</alpha:SelectedCategory>
</alpha:SailingInfo>
<alpha:SailingProfile ProfileTypeIdIdentifier="NotModifiable">
  <alpha:CruiseProfile/>
</alpha:SailingProfile>
<alpha:SailingProfile ProfileTypeIdIdentifier="Modifiable">
  <alpha:CruiseProfile Code="70"/>
  <alpha:CruiseProfile Code="71"/>
  <alpha:CruiseProfile Code="51"/>
  <alpha:CruiseProfile Code="39"/>
  <alpha:CruiseProfile Code="16"/>
  <alpha:CruiseProfile Code="52"/>
  <alpha:CruiseProfile Code="43"/>
  <alpha:CruiseProfile Code="53"/>
  <alpha:CruiseProfile Code="19"/>
  <alpha:CruiseProfile Code="68"/>
  <alpha:CruiseProfile Code="54"/>
  <alpha:CruiseProfile Code="47"/>
  <alpha:CruiseProfile Code="55"/>
  <alpha:CruiseProfile Code="56"/>
  <alpha:CruiseProfile Code="57"/>
  <alpha:CruiseProfile Code="9"/>
  <alpha:CruiseProfile Code="58"/>
  <alpha:CruiseProfile Code="59"/>
  <alpha:CruiseProfile Code="60"/>
  <alpha:CruiseProfile Code="61"/>
  <alpha:CruiseProfile Code="41"/>
  <alpha:CruiseProfile Code="62"/>
  <alpha:CruiseProfile Code="63"/>
  <alpha:CruiseProfile Code="25"/>
  <alpha:CruiseProfile Code="11"/>
  <alpha:CruiseProfile Code="64"/>
  <alpha:CruiseProfile Code="72"/>
  <alpha:CruiseProfile Code="65"/>
  <alpha:CruiseProfile Code="66"/>
  <alpha:CruiseProfile Code="6"/>
  <alpha:CruiseProfile Code="67"/>
  <alpha:CruiseProfile Code="45"/>
  <alpha:CruiseProfile Code="48"/>
  <alpha:CruiseProfile Code="3"/>
  <alpha:CruiseProfile Code="10"/>
  <alpha:CruiseProfile Code="33"/>
  <alpha:CruiseProfile Code="73"/>
  <alpha:CruiseProfile Code="69"/>
  <alpha:CruiseProfile/>
</alpha:SailingProfile>
<alpha:ReservationInfo>
  <alpha:ReservationID ID="8308" Instance="9" Type="14" BookedDate="2009-02-27"
LastModifyDateTime="2009-02-27T17:00:30.0Z" OfferDate="2009-02-27T16:39:29.0Z" StatusCode="42">
    <alpha:CompanyName Code="0" Division="123456789"/>
  </alpha:ReservationID>
  <alpha:GuestDetails>
    <alpha:GuestDetail>
      <alpha:ContactInfo ContactType="CNT" Age="25" Gender="Male" GuestRefNumber="147251043"
Nationality="US" MiddleNameFlag="false" RedressNumber="1231" KnownTravellerNumber="1211233">
        <alpha:PersonName>
          <alpha:GivenName>JOHN</alpha:GivenName>
          <alpha:Surname>SMITH</alpha:Surname>
          <alpha:MiddleName>ROD</alpha:MiddleName>
          <alpha:NameTitle>MR</alpha:NameTitle>
        </alpha:PersonName>
      </alpha:GuestDetail>
    </alpha:GuestDetails>
  </alpha:ReservationInfo>
```

```

<alpha:Address>
  <alpha:StateProv/>
  <alpha:CountryName/>
</alpha:Address>
</alpha:ContactInfo>
<alpha:ContactInfo ContactType="ALT">
  <alpha:PersonName>
    <alpha:GivenName/>
    <alpha:Surname>ROYAL ONBOARD CRU</alpha:Surname>
  </alpha:PersonName>
  <alpha:Telephone PhoneLocationType="6" PhoneNumber="3059999999" PhoneTechType="1"/>
  <alpha:Telephone PhoneLocationType="7" PhoneNumber="3052222222" PhoneTechType="1"/>
  <alpha:Telephone PhoneLocationType="8" PhoneNumber="3055557777" PhoneTechType="3"/>
  <alpha:Address>
    <alpha:AddressLine>1080 CARIBBEAN WAY</alpha:AddressLine>
    <alpha:AddressLine>ADDRESS LINE 2</alpha:AddressLine>
    <alpha:CityName>MIAMI</alpha:CityName>
    <alpha:PostalCode>33132</alpha:PostalCode>
    <alpha:StateProv StateCode="FL">FL</alpha:StateProv>
    <alpha:CountryName Code="US"/>
  </alpha:Address>
  <alpha:Email EmailType="1">PRECRUISE@GMAIL.COM</alpha:Email>
</alpha:ContactInfo>
<alpha:ContactInfo ContactType="EMG">
  <alpha:Address>
    <alpha:StateProv/>
    <alpha:CountryName/>
  </alpha:Address>
</alpha:ContactInfo>
<alpha:GuestTransportation Mode="14" Status="59">
  <alpha:GatewayCity LocationCode="DFW"/>
</alpha:GuestTransportation>
<alpha:LoyaltyInfo MembershipID="0"/>
<alpha:LinkedTraveler Relation="AA" LinkTypeCode="9"/>
<alpha:SelectedDining AgeCode="22" Language="es" Sitting="Main" SmokingCode="1" Status="39"
TableSize="S"/>
<alpha:SelectedInsurance InsuranceCode="CRCR" SelectedOptionIndicator="true"/>
<alpha:SelectedOptions DeliveryLocation="person" ModifiableIndicator="true" OptionCode="FUEL">
  <alpha:Message>
    <alpha:Text>FUEL SUPPL</alpha:Text>
  </alpha:Message>
</alpha:SelectedOptions>
<alpha:SelectedPackages>
  <alpha:SelectedPackage CruisePackageCode="BF1AX" InclusiveIndicator="false"
PackageTypeCode="11" Status="39">
    <alpha:Location LocationCode="MCO">
      <alpha:Information>
        <alpha:Text>1NT POST CARIBE ROYAL WITH TRANSFERS</alpha:Text>
      </alpha:Information>
    </alpha:Location>
  </alpha:SelectedPackage>
</alpha:SelectedPackages>
<alpha:SelectedSpecialServices/>
<alpha:AirAccommodations>
  <alpha:AirAccommodation AirAccommodationType="Regular"/>
  <alpha:AirAccommodation AirAccommodationType="Regular"/>
  <alpha:AirAccommodation AirAccommodationType="Regular"/>
  <alpha:AirAccommodation AirAccommodationType="Regular"/>
  <alpha:AirAccommodation AirAccommodationType="Regular"/>
  <alpha:AirAccommodation AirAccommodationType="Regular"/>
  <alpha:AirAccommodation AirAccommodationType="Regular"/>
  <alpha:AirAccommodation AirAccommodationType="Regular"/>
  <alpha:AirAccommodation AirAccommodationType="Regular"/>
  <alpha:AirAccommodation AirAccommodationType="Regular"/>
</alpha:AirAccommodations>
<alpha:CruiseDocument DocumentLanguage="ENG"/>

```

```
<alpha:Profiles ProfileTypeIdIdentifier="Modifiable">
  <alpha:CruiseProfile Code="73"/>
</alpha:Profiles>
</alpha:GuestDetail>
<alpha:GuestDetail>
  <alpha:ContactInfo ContactType="CNT" Age="25" Gender="Female" GuestRefNumber="147251050"
Nationality="US">
    <alpha:PersonName>
      <alpha:GivenName>CHELSEI</alpha:GivenName>
      <alpha:Surname>GRANDERSON</alpha:Surname>
      <alpha:NameTitle>MRS</alpha:NameTitle>
    </alpha:PersonName>
    <alpha:Address>
      <alpha:StateProv/>
      <alpha:CountryName/>
    </alpha:Address>
    </alpha:ContactInfo>
    <alpha:ContactInfo ContactType="EMG">
      <alpha:Address>
        <alpha:StateProv/>
        <alpha:CountryName/>
      </alpha:Address>
    </alpha:ContactInfo>
    <alpha:GuestTransportation Mode="14" Status="59">
      <alpha:GatewayCity LocationCode="LAX"/>
    </alpha:GuestTransportation>
    <alpha:LoyaltyInfo MembershipID="0"/>
    <alpha:LinkedTraveler Relation="AA" LinkTypeCode="9"/>
    <alpha:SelectedDining AgeCode="22" Language="es" Sitting="Main" SmokingCode="1" Status="39"
TableSize="S"/>
    <alpha:SelectedInsurance InsuranceCode="CRCR" SelectedOptionIndicator="true"/>
    <alpha:SelectedOptions DeliveryLocation="person" ModifiableIndicator="true" OptionCode="PPGR">
      <alpha:Message>
        <alpha:Text>GRATUITIES</alpha:Text>
      </alpha:Message>
    </alpha:SelectedOptions>
    <alpha:SelectedPackages>
      <alpha:SelectedPackage CruisePackageCode="BF1AX" InclusiveIndicator="false"
PackageTypeCode="11" Status="39">
        <alpha:Location LocationCode="MCO">
          <alpha:Information>
            <alpha:Text>1NT POST CARIBE ROYAL WITH TRANSFERS</alpha:Text>
          </alpha:Information>
        </alpha:Location>
      </alpha:SelectedPackage>
    </alpha:SelectedPackages>
    <alpha:SelectedSpecialServices/>
    <alpha:AirAccommodations>
      <alpha:AirAccommodation AirAccommodationType="Regular"/>
      <alpha:AirAccommodation AirAccommodationType="Regular"/>
      <alpha:AirAccommodation AirAccommodationType="Regular"/>
      <alpha:AirAccommodation AirAccommodationType="Regular"/>
      <alpha:AirAccommodation AirAccommodationType="Regular"/>
      <alpha:AirAccommodation AirAccommodationType="Regular"/>
      <alpha:AirAccommodation AirAccommodationType="Regular"/>
      <alpha:AirAccommodation AirAccommodationType="Regular"/>
      <alpha:AirAccommodation AirAccommodationType="Regular"/>
    </alpha:AirAccommodations>
    <alpha:CruiseDocument DocumentLanguage="ENG"/>
    <alpha:Profiles ProfileTypeIdIdentifier="NonModifiable">
      <alpha:CruiseProfile Code="73"/>
      <alpha:CruiseProfile Code="172"/>
    </alpha:Profiles>
  </alpha:GuestDetail>
</alpha:GuestDetails>
```

```
<alpha:LinkedBookings>
  <alpha:LinkedBooking LinkTypeCode="2">
    <alpha:UniqueID ID="6803" Type="14"/>
  </alpha:LinkedBooking>
  <alpha:LinkedBooking LinkTypeCode="2">
    <alpha:UniqueID ID="6960" Type="14"/>
  </alpha:LinkedBooking>
  <alpha:LinkedBooking LinkTypeCode="2">
    <alpha:UniqueID ID="8310" Type="14"/>
  </alpha:LinkedBooking>
  <alpha:LinkedBooking LinkTypeCode="2">
    <alpha:UniqueID ID="234567" Type="14"/>
  </alpha:LinkedBooking>
</alpha:LinkedBookings>
<alpha:PaymentOptions>
  <alpha:PaymentOption>
    <alpha:PaymentCard/>
    <alpha:PaymentAmount Amount="0.00"/>
  </alpha:PaymentOption>
</alpha:PaymentOptions>
<alpha:CancellationPenalty Amount="0.00"/>
</alpha:ReservationInfo>
<alpha:PaymentsDue>
  <alpha:PaymentDue Amount="500.00" DueDate="2009-03-06"/>
  <alpha:PaymentDue DueDate="2009-05-24"/>
</alpha:PaymentsDue>
<alpha:Information>
  <alpha:Text>Remark 1: . Remark 2:</alpha:Text>
</alpha:Information>
<alpha:Information Name="Insurance">
  <alpha:Text>Y</alpha:Text>
</alpha:Information>
<alpha:Information>
  <alpha:Text>PARTNER CERT</alpha:Text>
</alpha:Information>
<alpha:TPA_Extensions>
<alpha:BookingPayment>
  <alpha:BookingPrices>
    <alpha:BookingPrice Amount="0.00" PriceTypeCode="161"/>
    <alpha:BookingPrice Amount="0.00" PriceTypeCode="162"/>
  </alpha:BookingPrices>
  <alpha:GuestPrices>
    <alpha:GuestPrice>
      <alpha:PricelInfos>
        <alpha:PricelInfo Amount="0.00" PriceTypeCode="161"/>
        <alpha:PricelInfo Amount="0.00" PriceTypeCode="162"/>
        <alpha:PricelInfo Amount="0.00" PriceTypeCode="163"/>
        <alpha:PricelInfo Amount="0.00" PriceTypeCode="164"/>
      </alpha:PricelInfos>
    </alpha:GuestPrice>
    <alpha:GuestPrice>
      <alpha:PricelInfos>
        <alpha:PricelInfo Amount="0.00" PriceTypeCode="161"/>
        <alpha:PricelInfo Amount="0.00" PriceTypeCode="162"/>
        <alpha:PricelInfo Amount="0.00" PriceTypeCode="163"/>
        <alpha:PricelInfo Amount="0.00" PriceTypeCode="164"/>
      </alpha:PricelInfos>
    </alpha:GuestPrice>
    <alpha:GuestPrice>
      <alpha:PricelInfos>
        <alpha:PricelInfo Amount="0" PriceTypeCode="161"/>
        <alpha:PricelInfo Amount="0" PriceTypeCode="162"/>
        <alpha:PricelInfo Amount="0" PriceTypeCode="163"/>
        <alpha:PricelInfo Amount="0" PriceTypeCode="164"/>
      </alpha:PricelInfos>
    </alpha:GuestPrice>
  </alpha:GuestPrices>
</alpha:BookingPayment>
</alpha:TPA_Extensions>
</alpha:BookingPayment>
</alpha:TPA_Extensions>
</alpha:Information>
</alpha:PaymentsDue>
</alpha:CancellationPenalty>
</alpha:PaymentOptions>
</alpha:LinkedBookings>
```



```

    <alpha:GuestPrice>
    <alpha:PriceInfos>
      <alpha:PriceInfo Amount="0" PriceTypeCode="161"/>
      <alpha:PriceInfo Amount="0" PriceTypeCode="162"/>
      <alpha:PriceInfo Amount="0" PriceTypeCode="163"/>
      <alpha:PriceInfo Amount="0" PriceTypeCode="164"/>
    </alpha:PriceInfos>
  </alpha:GuestPrice>
</alpha:GuestPrices>
</alpha:BookingPayment>
</alpha:TPA_Extensions>
</alpha:CruiseReservation>
</alpha:ReservationsList>
</alpha:OTA_ResRetrieveRS>
</booking:retrieveBookingResponse>

```

### 33.5.3.3 Sample Message Request

Ryan has a reservation with id 83114 currently in Booked status for a cruise on one of the Royal Caribbean International's ships. John wants to be sure his cruise details are accurately captured by his agent and pricing matches with the Confirmation document that he has received.

```

<ret:retrieveBooking>
  <ns0:OTA_ReadRQ TimeStamp="2013-09-03T18:35:46.317Z" Version="1.0" SequenceNmbr="1"
  RetransmissionIndicator="false" TransactionActionCode="RetrievePrice" Target="Production"
  xmlns:ns0="http://www.opentravel.org/OTA/2003/05/alpha">
    <ns0:POS>
      .....
    </ns0:POS>
    <ns0:UniqueID Type="14" ID="83114"/>
  </ns0:OTA_ReadRQ>
</ret:retrieveBooking>

```

### 33.5.3.4 Sample Message Response

John's reservation is returned, and he is happy to see that his details are accurately captured.

```

<bo:retrieveBookingResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:bo="http://services.rccl.com/Interfaces/RetrieveBooking">
  <alpha:OTA_ResRetrieveRS SequenceNmbr="0" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:ReservationsList>
      <alpha:CruiseReservation DocumentChoiceIndicator="false" DocumentsIssuedIndicator="false"
      ExpeditionIndicator="false" RestrictedFareIndicator="false">
        <alpha:SailingInfo>
          <alpha:SelectedSailing ListOfSailingDescriptionCode="6" Duration="P7N" Start="2014-04-27">
            <alpha:CruiseLine ShipCode="FR" VendorCode="RCC"/>
            <alpha:Region RegionCode="CARIB" SubRegionCode="CAW"/>
          </alpha:SelectedSailing>
          <alpha:InclusivePackageOption CruisePackageCode="FR07W117"/>
          <alpha:Currency CurrencyCode="USD"/>
          <alpha:SelectedCategory BerthedCategoryCode="JS" DeckName="09" FareCode="01167049"
          PricedCategoryCode="JS" PromotionClass="1 14" PromotionDescription="CHOICEFR042714"
          PromotionTypes="24 1" NonRefundableType="1" BookingNonRefundableType="1" WaitlistIndicator="false" >
            <alpha:CabinAttributes>

```

```
<alpha:CabinAttribute CabinAttributeCode="98"/>
</alpha:CabinAttributes>
<alpha:SelectedCabin CabinNumber="9326" CategoryLocation="Outside" MaxOccupancy="4"
PositionInShip="Midship" Status="39">
  <alpha:CabinConfiguration BedConfigurationCode="A"/>
  <alpha:MeasurementInfo Name="Number of berths in cabin" UnitOfMeasure="Number"
UnitOfMeasureQuantity="4"/>
  <alpha:CabinAttributes>
    <alpha:CabinAttribute CabinAttributeCode="2C"/>
  </alpha:CabinAttributes>
</alpha:SelectedCabin>
</alpha:SelectedCategory>
</alpha:SailingInfo>
<alpha:SailingProfile ProfileTypeIdIdentifier="NotModifiable">
  <alpha:CruiseProfile Code="70"/>
  <alpha:CruiseProfile Code="71"/>
  <alpha:CruiseProfile Code="51"/>
  <alpha:CruiseProfile Code="53"/>
  <alpha:CruiseProfile Code="19"/>
  <alpha:CruiseProfile Code="47"/>
  <alpha:CruiseProfile Code="55"/>
  <alpha:CruiseProfile Code="56"/>
  <alpha:CruiseProfile Code="57"/>
  <alpha:CruiseProfile Code="58"/>
  <alpha:CruiseProfile Code="59"/>
  <alpha:CruiseProfile Code="45"/>
  <alpha:CruiseProfile Code="3"/>
  <alpha:CruiseProfile Code="69"/>
  <alpha:CruiseProfile/>
</alpha:SailingProfile>
<alpha:SailingProfile ProfileTypeIdIdentifier="Modifiable">
  <alpha:CruiseProfile Code="39"/>
  <alpha:CruiseProfile Code="16"/>
  <alpha:CruiseProfile Code="52"/>
  <alpha:CruiseProfile Code="43"/>
  <alpha:CruiseProfile Code="68"/>
  <alpha:CruiseProfile Code="54"/>
  <alpha:CruiseProfile Code="9"/>
  <alpha:CruiseProfile Code="60"/>
  <alpha:CruiseProfile Code="61"/>
  <alpha:CruiseProfile Code="41"/>
  <alpha:CruiseProfile Code="62"/>
  <alpha:CruiseProfile Code="63"/>
  <alpha:CruiseProfile Code="25"/>
  <alpha:CruiseProfile Code="11"/>
  <alpha:CruiseProfile Code="64"/>
  <alpha:CruiseProfile Code="72"/>
  <alpha:CruiseProfile Code="65"/>
  <alpha:CruiseProfile Code="66"/>
  <alpha:CruiseProfile Code="6"/>
  <alpha:CruiseProfile Code="67"/>
  <alpha:CruiseProfile Code="48"/>
  <alpha:CruiseProfile Code="10"/>
  <alpha:CruiseProfile Code="33"/>
  <alpha:CruiseProfile Code="73"/>
  <alpha:CruiseProfile/>
</alpha:SailingProfile>
<alpha:ReservationInfo>
  <alpha:ReservationID ID="83114" Instance="9" Type="14" BookedDate="2013-09-18"
LastModifyDateTime="2013-12-12T17:35:46Z" OfferDate="2013-09-18T14:05:25Z" StatusCode="49">
    <alpha:CompanyName Department="236799" Division="236799"/>
  </alpha:ReservationID>
  <alpha:ReservationID ID="0" Type="14">
    <alpha:CompanyName Code="0" CodeContext="AgencyLoyaltyId" Department="3033975456"
Division="3033975456"/>
  </alpha:ReservationID>
```

```

<alpha:GuestDetails>
  <alpha:GuestDetail>
    <alpha:ContactInfo ContactType="CNT" RPH="1" Age="35" BirthDate="1978-09-18"
Gender="Male" GuestRefNumber="541732531" Nationality="US">
      <alpha:PersonName>
        <alpha:GivenName>RYAN</alpha:GivenName>
        <alpha:Surname>JORGENSEN</alpha:Surname>
        <alpha:NameTitle>MR</alpha:NameTitle>
      </alpha:PersonName>
      <alpha:Telephone PhoneNumber="3055396000"/>
      <alpha:Address>
        <alpha:PostalCode>33130</alpha:PostalCode>
        <alpha:StateProv StateCode="DC">DC</alpha:StateProv>
        <alpha:CountryName/>
      </alpha:Address>
    </alpha:ContactInfo>
    <alpha:ContactInfo ContactType="EMG">
      <alpha:Address>
        <alpha:StateProv/>
        <alpha:CountryName/>
      </alpha:Address>
    </alpha:ContactInfo>
    <alpha:ContactInfo ContactType="LNG">
      <alpha:PersonName>
        <alpha:GivenName>约翰</alpha:GivenName>
        <alpha:MiddleName>背风处</alpha:MiddleName>
        <alpha:Surname>工匠</alpha:Surname>
      </alpha:PersonName>
    </alpha:ContactInfo>
    <alpha:GuestTransportation Mode="14" Status="59">
      <alpha:GatewayCity LocationCode="ATL"/>
      <alpha:ProviderInfo>
        <alpha:Provider>CHOICE AIR</alpha:Provider>
        <alpha:NonRefundableIndicator>true</alpha:NonRefundableIndicator>
      </alpha:ProviderInfo>
    </alpha:GuestTransportation>
    <alpha:LoyaltyInfo MembershipID="0"/>
    <alpha:TravelDocument>
      <alpha:DocLimitations>N</alpha:DocLimitations>
    </alpha:TravelDocument>
    <alpha:SelectedDining AgeCode="22" FamilyTimeIndicator="false" Language="en" Sitting="M"
SittingInstance="05:30 PM" SittingType="Traditional" SmokingCode="3" Status="39" TableSize="02"/>
    <alpha:SelectedPromotions PromotionCode="01144975" PromotionVendorCode="CABFR"
DiscountTypes="1" PromotionClass="1" PromotionDescription="SglSup42714" PromotionTypes="24"
NonRefundableType="1"/>
    <alpha:SelectedPromotions PromotionCode="01167049" PromotionVendorCode="CABFR"
DiscountTypes="2" PromotionClass="14" PromotionDescription="CHOICEFR042714" PromotionTypes="1"
NonRefundableType="1"/>
    <alpha:SelectedInsurance SelectedOptionIndicator="false"/>
    <alpha:SelectedPackages/>
    <alpha:SelectedSpecialServices/>
    <alpha:AirAccommodations>
      <alpha:AirAccommodation AirAccommodationType="Deviation"/>
      <alpha:AirAccommodation ArrivalDateTime="2014-04-27T12:30:01Z"
DepartureDateTime="2014-04-27T10:55:01Z" AirAccommodationType="Deviation" Comment="I">
        <alpha:DepartureCity LocationCode="ATL"/>
        <alpha:ArrivalCity LocationCode="MCO"/>
        <alpha:Airline Code="DL" FlightNumber="2169"/>
      </alpha:AirAccommodation>
      <alpha:AirAccommodation ArrivalDateTime="2014-05-04T22:00:01Z"
DepartureDateTime="2014-05-04T20:30:01Z" AirAccommodationType="Deviation" Comment="I">
        <alpha:DepartureCity LocationCode="MCO"/>
        <alpha:ArrivalCity LocationCode="ATL"/>
        <alpha:Airline Code="DL" FlightNumber="1110"/>
      </alpha:AirAccommodation>
    </alpha:AirAccommodations>
  </alpha:GuestDetail>
</alpha:GuestDetails>

```

```
<alpha:AirAccommodation AirAccommodationType="Deviation"/>
<alpha:AirAccommodation AirAccommodationType="Deviation"/>
<alpha:AirAccommodation AirAccommodationType="Deviation"/>
<alpha:AirAccommodation AirAccommodationType="Deviation"/>
<alpha:AirAccommodation AirAccommodationType="Deviation"/>
<alpha:AirAccommodation AirAccommodationType="Deviation"/>
</alpha:AirAccommodations>
<alpha:CruiseDocument DocumentLanguage="en"/>
<alpha:Profiles ProfileTypeIdIdentifier="NotModifiable">
  <alpha:CruiseProfile Code="73"/>
  <alpha:CruiseProfile Code="167"/>
</alpha:Profiles>
</alpha:GuestDetail>
</alpha:GuestDetails>
<alpha:PaymentOptions>
  <alpha:PaymentOption RPH="1">
    <alpha:PaymentCard/>
    <alpha:PaymentAmount Amount="814.38"/>
  </alpha:PaymentOption>
  <alpha:PaymentOption RPH="2">
    <alpha:PaymentCard/>
    <alpha:PaymentAmount Amount="814.38"/>
  </alpha:PaymentOption>
</alpha:PaymentOptions>
<alpha:CancellationPenalty Amount="165.00"/>
</alpha:ReservationInfo>
<alpha:PaymentsDue>
  <alpha:PaymentDue Amount="250.00" DueDate="2013-09-23"/>
  <alpha:PaymentDue DueDate="2014-02-11"/>
</alpha:PaymentsDue>
<alpha:Information>
  <alpha:Text>Remark 1: . Remark 2:</alpha:Text>
</alpha:Information>
<alpha:Information Name="Insurance">
  <alpha:Text>N</alpha:Text>
</alpha:Information>
<alpha:Information>
  <alpha:Text>BETH SINCLAIR</alpha:Text>
</alpha:Information>
<alpha:TPA_Extensions>
  <alpha:BookingPayment>
    <alpha:BookingPrices>
      <alpha:BookingPrice Amount="0.00" PriceTypeCode="161"/>
      <alpha:BookingPrice Amount="0.00" PriceTypeCode="162"/>
      <alpha:BookingPrice Amount="814.38" PriceTypeCode="58"/>
      <alpha:BookingPrice Amount="250.00" PriceTypeCode="6"/>
      <alpha:BookingPrice Amount="9680.49" PriceTypeCode="3"/>
      <alpha:BookingPrice Amount="9680.49" PriceTypeCode="100"/>
      <alpha:BookingPrice Amount="814.38" PriceTypeCode="101"/>
      <alpha:BookingPrice Amount="10494.87" PriceTypeCode="8"/>
      <alpha:BookingPrice Amount="9028.23" PriceTypeCode="42"/>
      <alpha:BookingPrice Amount="1466.64" PriceTypeCode="102"/>
      <alpha:BookingPrice PriceTypeCode="98"/>
      <alpha:BookingPrice Percent="12.00" PriceTypeCode="73"/>
    </alpha:BookingPrices>
    <alpha:PaymentSchedule>
      <alpha:Payment Amount="250.00" DueDate="2013-09-23" PaymentNumber="1"/>
      <alpha:Payment Amount="10494.87" DueDate="2014-02-11" PaymentNumber="2"/>
      <alpha:Payment DueDate="2013-09-23" PaymentNumber="51"/>
      <alpha:Payment DueDate="2014-02-11" PaymentNumber="52"/>
    </alpha:PaymentSchedule>
  </alpha:BookingPayment>
  <alpha:GuestPrices>
    <alpha:GuestPrice>
      <alpha:PriceInfos>
        <alpha:PriceInfo Amount="165.00" PriceTypeCode="163"/>
      </alpha:PriceInfos>
    </alpha:GuestPrice>
  </alpha:GuestPrices>
</alpha:TPA_Extensions>
</alpha:BookingPayment>
</alpha:BookingPrices>
</alpha:BookingPrice Amount="0.00" PriceTypeCode="161"/>
</alpha:BookingPrice Amount="0.00" PriceTypeCode="162"/>
</alpha:BookingPrice Amount="814.38" PriceTypeCode="58"/>
</alpha:BookingPrice Amount="250.00" PriceTypeCode="6"/>
</alpha:BookingPrice Amount="9680.49" PriceTypeCode="3"/>
</alpha:BookingPrice Amount="9680.49" PriceTypeCode="100"/>
</alpha:BookingPrice Amount="814.38" PriceTypeCode="101"/>
</alpha:BookingPrice Amount="10494.87" PriceTypeCode="8"/>
</alpha:BookingPrice Amount="9028.23" PriceTypeCode="42"/>
</alpha:BookingPrice Amount="1466.64" PriceTypeCode="102"/>
</alpha:BookingPrice PriceTypeCode="98"/>
</alpha:BookingPrice Percent="12.00" PriceTypeCode="73"/>
</alpha:BookingPrices>
</alpha:PaymentSchedule>
</alpha:Payment Amount="250.00" DueDate="2013-09-23" PaymentNumber="1"/>
</alpha:Payment Amount="10494.87" DueDate="2014-02-11" PaymentNumber="2"/>
</alpha:Payment DueDate="2013-09-23" PaymentNumber="51"/>
</alpha:Payment DueDate="2014-02-11" PaymentNumber="52"/>
</alpha:PaymentSchedule>
</alpha:GuestPrices>
</alpha:GuestPrice>
</alpha:PriceInfos>
</alpha:PriceInfo Amount="165.00" PriceTypeCode="163"/>
```

```

        <alpha:PriceInfo Amount="15.00" PriceTypeCode="164"/>
        <alpha:PriceInfo Amount="814.38" PriceTypeCode="166"/>
        <alpha:PriceInfo Amount="9166.50" PriceTypeCode="49"/>
        <alpha:PriceInfo Amount="1466.64" Percent="12.00" PriceTypeCode="73"/>
        <alpha:PriceInfo Amount="0.00" CodeDescription="01144975" CodeDetail="SglSup42714"
PricedComponentCode="49" PricedComponentType="1" PriceTypeCode="34" PricingLevel="24"
NonRefundableType="1" PricingType="1"/>
        <alpha:PriceInfo Amount="0.00" CodeDescription="01167049"
CodeDetail="CHOICEFR042714" PricedComponentCode="49" PriceTypeCode="34" PricingLevel="1"
NonRefundableType="1" PricingType="14"/>
        <alpha:PriceInfo Amount="350.00" PriceTypeCode="60"/>
        <alpha:PriceInfo Amount="814.38" PriceTypeCode="7"/>
        <alpha:PriceInfo Amount="163.99" PriceTypeCode="18"/>
        <alpha:PriceInfo Amount="10494.87" PriceTypeCode="8"/>
        <alpha:PriceInfo Amount="1466.64" PriceTypeCode="80"/>
        <alpha:PriceInfo Amount="9028.23" PriceTypeCode="42"/>
    </alpha:PriceInfos>
</alpha:GuestPrice>
</alpha:GuestPrices>
<alpha:PolicyInfo Name="PaymentExtendedBefore">
    <alpha:Text>No</alpha:Text>
</alpha:PolicyInfo>
</alpha:BookingPayment>
</alpha:TPA_Extensions>
</alpha:CruiseReservation>
</alpha:ReservationsList>
</alpha:OTA_ResRetrieveRS>
</bo:retrieveBookingResponse>

```

### 33.6 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

### 33.7 Special Design Considerations

None

## 34. Get Booking List Message

### 34.1 Functional Overview

The Get Booking List message is used to retrieve a list of bookings matching the search filter provided in the request.

### 34.2 Transaction Services

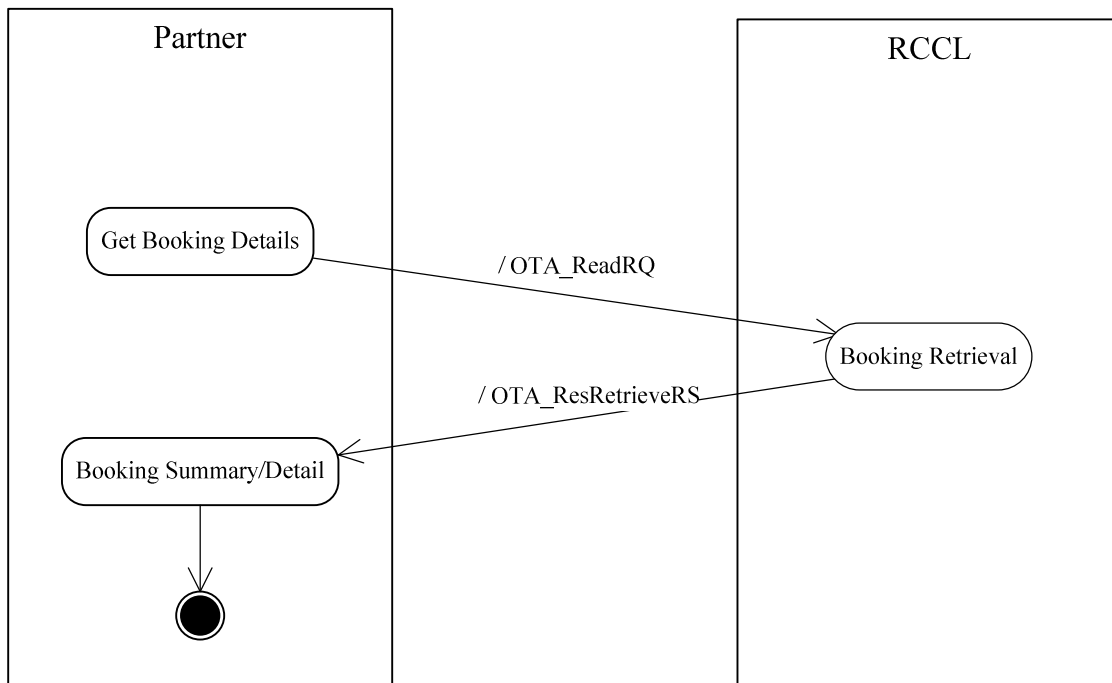
- This transaction only returns bookings belonging to the agency specified in the POS message header.
- The message will return a maximum of 20 bookings per response.
- The partner will be able to use the following optional search filters:
  - Sail date
  - Ship code
  - Brand
  - Guest last name
  - Passenger Identification Number
  - Consumer Id
  - Booking Type (FIT or Groups)
- *Individual Bookings to Groups Transfer:*

Individual Bookings into Group Reservation transfer eligibility can be requested by setting the group identification number and the evaluation flags. Booking list response would indicate the transfer eligibility for all bookings returned. In addition, an indicator can be set in the request to exclude all transfer ineligible bookings based on the group id set.

- Booking into Groups Evaluation Requested Flag
  - Exclude transfer ineligible bookings
- Even though these are optional filters, the more the partner provides, the better results the message will return. Therefore, provide as many data parameters as possible.
- The guest last name is not used as a discrete search filter – it will not match the exact last name provided. The search filter is actually used as a position cursor. Therefore, the response will include the next 20 matching bookings starting with the booking whose primary passenger's last name is alphabetically after the provided guest last name search filter.

- The message supports paging via MaxResponses and MoreDataEchoToken.

### 34.3 Typical Process Flows



### 34.4 Schema Specification

The schemas for Retrieve Booking request and response are OTA\_ReadRQ and OTA\_ResRetrieveRS. Our implementation is based on the OTA\_2007A schema specification.

#### 34.4.1 Get Booking List Request

##### 34.4.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType
UniqueID	UniqueID_Type

##### 34.4.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Only the CruiseReadRequest and ReadRequest elements are supported and required.
- Only one occurrence of ReservationID is supported.

**34.4.1.3 Extensions**

None

**34.4.2 Get Booking List Response****34.4.2.1 Data Types and Reuse Chart**

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

**34.4.2.2 Constraints and Restrictions**

- Please review the overall constraints and restrictions section for additional information
- ReservationInfo/ReservationID is intended to be used for RCL Reservation ID only. PNRs are not supported.
- Air, Hotel, Golf and Vehicle reservation elements are commented out and the values for those will not be provided in the response.

**34.4.2.3 Extensions**

None

**34.5 Message User Guide****34.5.1 Request Parameters**

Field	Data Type	Type Size	Required
/OTA_ReadRQ/@MaxResponses	Integer	2	Y
/OTA_ReadRQ/@MoreDataEchoToken	String	38	N
/OTA_ReadRQ/@TransactionIdentifier	String	2	N
/OTA_ReadRQ/ReadRequests/ReadRequest/UniqueID[Type=1]/@ID	Integer	9	N
/OTA_ReadRQ/ReadRequests/ReadRequest/UniqueID[Type=16]/@ID	Integer	10	N
/OTA_ReadRQ/UniqueID[Type="9"]/@ID	Integer	7	N
/OTA_ReadRQ/UniqueID[Type="9"]/@BookInToGroupsEvaluationRequested	String	3	N
/OTA_ReadRQ/UniqueID[Type="9"]/@ExcludeTransferIneligibleBookings	String	3	N
/OTA_ReadRQ/ReadRequests/CruiseReadRequest/SelectedSailing/@Start	Date		N
/OTA_ReadRQ/ReadRequests/CruiseReadRequest/SelectedSailing/@ShipCode	String	2	N
/OTA_ReadRQ/ReadRequests/CruiseReadRequest/SelectedSailing/@VendorCode	String	3	N
/OTA_ReadRQ/ReadRequests/CruiseReadRequest/GuestInfo/Surname/Text()	String	18	N
/OTA_ReadRQ/ReadRequests/CruiseReadRequest/@BookingInfoInd	YesNoType		N
/OTA_ReadRQ/SearchQualifiers/@PageNavigation	String	8	N
/OTA_ReadRQ/SearchQualifiers/Status[1]/@Status	String	1	N
/OTA_ReadRQ/SearchQualifiers/Status[2]/@Status	String	1	N

**34.5.2 Response Parameters**

Field	Data Type	Type Size	Required
-------	-----------	-----------	----------



/OTA_ResRetrieveRS/@MaxResponses	Integer	3	N
/OTA_ResRetrieveRS/@MoreIndicator	Boolean		N
/OTA_ResRetrieveRS/@MoreDatasEchoToken	String	128	N
/OTA_ResRetrieveRS/Warnings/Warning[1-3]	String	80	N
/OTA_ResRetrieveRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_ResRetrieveRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_ResRetrieveRS/Success	Node		N
/OTA_ResRetrieveRS/ReservationList/CruiseReservation[1-20]/SailingInfo/SelectedSailing/@Start	Date		N
/OTA_ResRetrieveRS/ReservationList/CruiseReservation[1-20]/SailingInfo/SelectedSailing/@Duration	String	4	N
/OTA_ResRetrieveRS/ReservationList/CruiseReservation[1-20]/SailingInfo/SelectedSailing/CruiseLine/@VendorCode	String	3	N
/OTA_ResRetrieveRS/ReservationList/CruiseReservation[1-20]/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	N
/OTA_ResRetrieveRS/ReservationList/CruiseReservation[1-20]/SailingInfo/SelectedCategory/@PricedCategoryCode	String	2	N
/OTA_ResRetrieveRS/ReservationList/CruiseReservation[1-20]/SailingInfo/SelectedCategory/SelectedCabin/@CabinNumber	String	5	N
/OTA_ResRetrieveRS/ReservationList/CruiseReservation[1-20]/SailingInfo/SelectedCategory/SelectedCabin/@Status	Integer	2	N
/OTA_ResRetrieveRS/ReservationList/CruiseReservation[1-20]/ReservationInfo/ReservationID/@Type	Integer	2	N
/OTA_ResRetrieveRS/ReservationList/CruiseReservation[1-20]/ReservationInfo/ReservationID/@ID	Integer	7	N
/OTA_ResRetrieveRS/ReservationList/CruiseReservation[1-20]/ReservationInfo/ReservationID/@StatusCode	Integer	2	N
/OTA_ResRetrieveRS/ReservationList/CruiseReservation[1-20]/ReservationInfo/GuestDetails/GuestDetail/ContactInfo/PersonName/GivenName	String	14	N
/OTA_ResRetrieveRS/ReservationList/CruiseReservation[1-20]/ReservationInfo/GuestDetails/GuestDetail/ContactInfo/PersonName/Surname	String	18	N

### 34.5.3 Use Case

#### 34.5.3.1 Sample Message Request

John Smith forgot his booking id so his an agent is searching for his booking by sending the following request. John does not remember his sail date but knows that he is sailing on RCI's Freedom of the Seas.

```
<m:getBookingList xmlns:m="http://services.rccl.com/Interfaces/BookingList">
  <OTA_ReadRQ MaxResponses="50" RetransmissionIndicator="false" SequenceNmbr="1" TimeStamp="2008-12-18T09:29:25.750-05:00" TransactionIdentifier="216429" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <ReadRequests>
      <CruiseReadRequest>
        <SelectedSailing ShipCode="FR" VendorCode="RCC"/>
        <GuestInfo>
          <Surname>SMI</Surname>
        </GuestInfo>
      </CruiseReadRequest>
    </ReadRequests>
  </OTA_ReadRQ>
</m:getBookingList>
```

#### 34.5.3.2 Sample Message Response

The message response includes the five bookings this agency has for the Freedom of the Seas where the primary guest's last name is after the partial last name token "SMI".

```
<list:getBookingListResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:list="http://services.rccl.com/Interfaces/BookingList">
  <alpha:OTA_ResRetrieveRS MaxResponses="5" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="12"/>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:ReservationsList>
      <alpha:CruiseReservation>
        <alpha:SailingInfo>
          <alpha:SelectedSailing Duration="P7N" Start="2009-08-02">
            <alpha:CruiseLine ShipCode="FR" VendorCode="RCC"/>
          </alpha:SelectedSailing>
          <alpha:SelectedCategory PricedCategoryCode="L">
            <alpha:SelectedCabin CabinNumber="1363" Status="41"/>
          </alpha:SelectedCategory>
        </alpha:SailingInfo>
        <alpha:ReservationInfo>
          <alpha:ReservationID ID="2093" Type="14" StatusCode="42"/>
          <alpha:GuestDetails>
            <alpha:GuestDetail>
              <alpha:ContactInfo>
                <alpha:PersonName>
                  <alpha:GivenName>JOHN</alpha:GivenName>
                  <alpha:Surname>SMITH</alpha:Surname>
                </alpha:PersonName>
              </alpha:ContactInfo>
            </alpha:GuestDetail>
          </alpha:GuestDetails>
        </alpha:ReservationInfo>
      </alpha:CruiseReservation>
      <alpha:CruiseReservation>
        <alpha:SailingInfo>
          <alpha:SelectedSailing Duration="P7N" Start="2009-03-22">
            <alpha:CruiseLine ShipCode="FR" VendorCode="RCC"/>
          </alpha:SelectedSailing>
          <alpha:SelectedCategory PricedCategoryCode="E1">
            <alpha:SelectedCabin CabinNumber="7330" Status="41"/>
          </alpha:SelectedCategory>
        </alpha:SailingInfo>
        <alpha:ReservationInfo>
          <alpha:ReservationID ID="7272750" Type="14" StatusCode="16"/>
          <alpha:GuestDetails>
            <alpha:GuestDetail>
              <alpha:ContactInfo>
                <alpha:PersonName>
                  <alpha:GivenName>JOHN</alpha:GivenName>
                  <alpha:Surname>TEST</alpha:Surname>
                </alpha:PersonName>
              </alpha:ContactInfo>
            </alpha:GuestDetail>
          </alpha:GuestDetails>
        </alpha:ReservationInfo>
      </alpha:CruiseReservation>
      <alpha:CruiseReservation>
        <alpha:SailingInfo>
          <alpha:SelectedSailing Duration="P7N" Start="2009-08-02">
            <alpha:CruiseLine ShipCode="FR" VendorCode="RCC"/>
          </alpha:SelectedSailing>
          <alpha:SelectedCategory PricedCategoryCode="M">
            <alpha:SelectedCabin CabinNumber="9323" Status="41"/>
          </alpha:SelectedCategory>
        </alpha:SailingInfo>
      </alpha:CruiseReservation>
    </alpha:ReservationsList>
  </alpha:OTA_ResRetrieveRS>
</list:getBookingListResponse>
```

```
</alpha:SelectedCategory>
</alpha:SailingInfo>
<alpha:ReservationInfo>
  <alpha:ReservationID ID="6179" Type="14" StatusCode="42"/>
  <alpha:GuestDetails>
    <alpha:GuestDetail>
      <alpha:ContactInfo>
        <alpha:PersonName>
          <alpha:GivenName>ONE</alpha:GivenName>
          <alpha:Surname>TEST</alpha:Surname>
        </alpha:PersonName>
      </alpha:ContactInfo>
    </alpha:GuestDetail>
  </alpha:GuestDetails>
</alpha:ReservationInfo>
</alpha:CruiseReservation>
<alpha:CruiseReservation>
  <alpha:SailingInfo>
    <alpha:SelectedSailing Duration="P7N" Start="2009-08-02">
      <alpha:CruiseLine ShipCode="FR" VendorCode="RCC"/>
    </alpha:SelectedSailing>
    <alpha:SelectedCategory PricedCategoryCode="L">
      <alpha:SelectedCabin CabinNumber="1553" Status="41"/>
    </alpha:SelectedCategory>
  </alpha:SailingInfo>
</alpha:ReservationInfo>
<alpha:ReservationInfo>
  <alpha:ReservationID ID="8245" Type="14" StatusCode="42"/>
  <alpha:GuestDetails>
    <alpha:GuestDetail>
      <alpha:ContactInfo>
        <alpha:PersonName>
          <alpha:GivenName>TEST</alpha:GivenName>
          <alpha:Surname>TEST</alpha:Surname>
        </alpha:PersonName>
      </alpha:ContactInfo>
    </alpha:GuestDetail>
  </alpha:GuestDetails>
</alpha:ReservationInfo>
</alpha:CruiseReservation>
<alpha:CruiseReservation>
  <alpha:SailingInfo>
    <alpha:SelectedSailing Duration="P7N" Start="2009-10-25">
      <alpha:CruiseLine ShipCode="FR" VendorCode="RCC"/>
    </alpha:SelectedSailing>
    <alpha:SelectedCategory PricedCategoryCode="OS">
      <alpha:SelectedCabin CabinNumber="1320" Status="41"/>
    </alpha:SelectedCategory>
  </alpha:SailingInfo>
</alpha:ReservationInfo>
<alpha:ReservationInfo>
  <alpha:ReservationID ID="7785" Type="14" StatusCode="42"/>
  <alpha:GuestDetails>
    <alpha:GuestDetail>
      <alpha:ContactInfo>
        <alpha:PersonName>
          <alpha:GivenName>TEST</alpha:GivenName>
          <alpha:Surname>TEST</alpha:Surname>
        </alpha:PersonName>
      </alpha:ContactInfo>
    </alpha:GuestDetail>
  </alpha:GuestDetails>
</alpha:ReservationInfo>
</alpha:CruiseReservation>
</alpha:ReservationsList>
</alpha:OTA_ResRetrieveRS>
</list:getBookingListResponse>
```

**34.6 Error Handling**

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

**34.7 Special Design Considerations**

None

## 35. Release Booking Message

### 35.1 Functional Overview

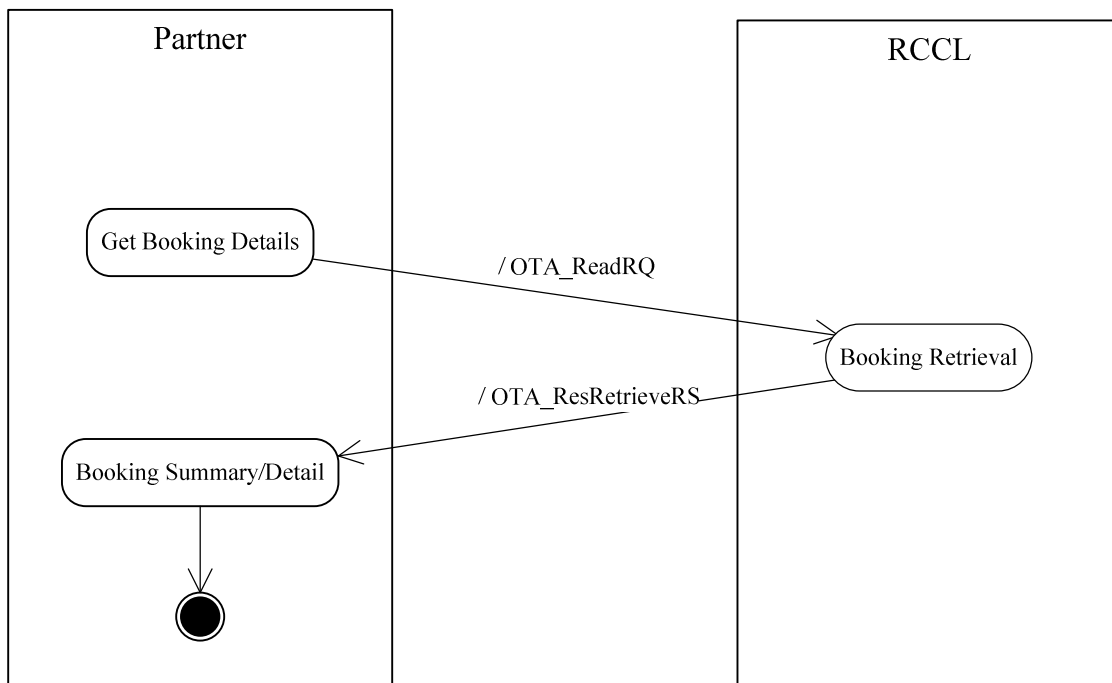
The Release Booking message uses the RCL booking ID to release the lock on the booking so that it can be modified by another agent or program.

The same message can be used to release bookings under group reservations as well.

### 35.2 Transaction Services

- This transaction releases the lock on the booking so that other clients can retrieve or update the booking.

### 35.3 Typical Process Flows



### 35.4 Schema Specification

The schemas for Retrieve Booking request and response are `OTA_ReadRQ` and `OTA_ResRetrieveRS`. Our implementation is based on the `OTA_2007A` schema specification.

### 35.4.1 Release Booking Request

#### 35.4.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType
UniqueID	UniqueID_Type

#### 35.4.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Only the CruiseReadRequest and ReadRequest elements are supported and required.
- Only one occurrence of ReservationID is supported.

#### 35.4.1.3 Extensions

None

### 35.4.2 Release Booking Response

#### 35.4.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

#### 35.4.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Air, Hotel, Golf and Vehicle reservation elements are commented out and the values for those will not be provided in the response.

#### 35.4.2.3 Extensions

None

## 35.5 Message User Guide

### 35.5.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_ReadRQ/UniqueID/@ID	Integer	7	Y
/OTA_ReadRQ/ReadRequests/CruiseReadRequest/SelectedSailing/@Start	Date		N
/OTA_ReadRQ/ReadRequests/CruiseReadRequest/SelectedSailing/@ShipCode	String	2	N

### 35.5.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_ResRetrieveRS/Warnings/Warning[1-3]	String	80	N
/OTA_ResRetrieveRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_ResRetrieveRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_ResRetrieveRS/Warnings/Warning[1-3]/@Status	Integer	2	N
/OTA_ResRetrieveRS/Success	Node		N

### 35.5.3 Use Case

#### 35.5.3.1 Sample Message Request

Booking id 8308 for Freedom of the Seas sailing on 2009-08-02 was previously locked and is now being released so that it can be modified by other parties if required.

```
<m:releaseBooking xmlns:m="http://services.rccl.com/Interfaces/ReleaseBooking">
  <OTA_ReadRQ SequenceNbr="1" Target="Test" TimeStamp="2008-05-16T13:51:14" Version="2.0">
    <POS>
      <Source AgentSine="HP6" TerminalID="HP6" PseudoCityCode="KK11" AgentDutyCode="7"
ISOCurrency="USD">
        <BookingChannel Type="1">
          <CompanyName CompanyShortName="SABRE"/>
        </BookingChannel>
      </Source>
    </POS>
    <UniqueID ID="8308" Type="14"/>
    <ReadRequests>
      <CruiseReadRequest>
        <SelectedSailing Start="2009-08-02" ShipCode="FR"/>
      </CruiseReadRequest>
    </ReadRequests>
  </OTA_ReadRQ>
</m:releaseBooking>
```

#### 35.5.3.2 Sample Message Response

The booking is now released and a status message is returned back.

```
<booking:releaseBookingResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:booking="http://services.rccl.com/Interfaces/ReleaseBooking">
  <alpha:OTA_ResRetrieveRS Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Status="54" Type="12"/>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
  </alpha:OTA_ResRetrieveRS>
</booking:releaseBookingResponse>
```

### 35.6 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

### 35.7 Special Design Considerations

None

## **36. Cruise Booking History Message**

### **36.1 Functional Overview**

This common transaction uses the booking ID (or) Group ID (or) Group ID and Group booking ID assigned by RCL to get the audit trail history related to that booking or a Group.

The Cruise Booking History message requests change/service history on an existing reservation (Individual reservation, Group Reservation or Group Booking Reservation). The request message is the OTA\_ReadRQ where the user can specify the Reservation ID for which one wishes to see the change history. The response message OTA\_CruiseBookingHistoryRS returns a list of history entries for the reservation changes that have taken place.

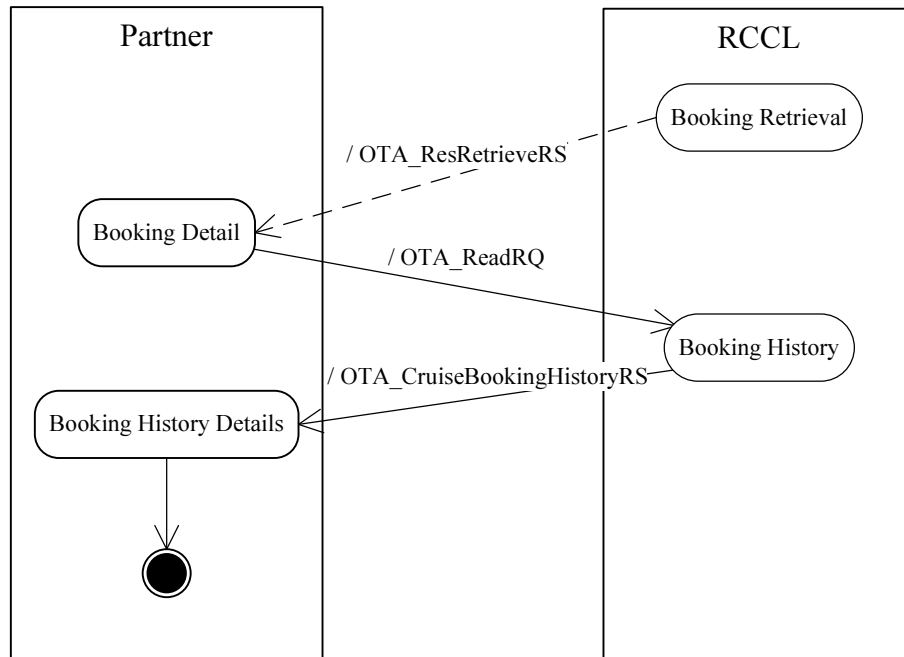
The Boolean MoreDataIndicator attribute in the response will indicate the existence of more records that can be retrieved from the reservation system. If more data is available, then the MoreDataEchoToken attribute in the response will return the identifier for the last record returned in the current response. The data is returned back in chronological order.

#### **36.1.1 Transaction Services**

- Provides paging capability. The attributes MoreDataEchoToken and MaxResponse ( up to a maximum of 120) under ResponseGroup are used in order to pass the values pertaining to the page down capability. The request should put the maximum history records that it wants returned as a part of the response under MaxResponses.
- When requesting for Group or Group booking service history, the audit trail returned will be specific to the requestor (Group Shell owner vs Group Booking owner).

### **36.2 Typical Process Flow**





### 36.3 Schema Specification

The schemas for Cruise Booking History request and response are OTA\_ReadRQ and OTA\_CruiseBookingHistoryRS. Our implementation is based on the OTA\_2007A schema specification.

#### 36.3.1 Cruise Booking History Request

##### 36.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType
UniqueID	UniqueIDType

##### 36.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Although the ReadRequest element in the OTA\_ReadRQ schema is optional, one occurrence is required as part of this message set.

##### 36.3.1.3 Extensions

None

### 36.3.2 Cruise Booking History Response

#### 36.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
ReservationID	UniqueID_Type
SailingInfo	SailingInfoCategoryType
Errors	ErrorsType

#### 36.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Royal Caribbean International returns the history in a textual format.
- A maximum of 20 records will be returned as a part of the booking history response.

#### 36.3.2.3 Extensions

None

## 36.4 Message User Guide

### 36.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_ReadRQ/UniqueID/@ID	Integer	7	Y
/OTA_ReadRQ/@MaxResponses	Integer	3	Y
/OTA_ReadRQ/@MoreDataEchoToken	String	84	N

### 36.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseBookingHistoryRS/@MaxResponses	Integer	3	N
/OTA_CruiseBookingHistoryRS/@MoreIndicator	Boolean		N
/OTA_CruiseBookingHistoryRS/@MoreDataEchoToken	String	128	N
/OTA_CruiseBookingHistoryRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseBookingHistoryRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseBookingHistoryRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseBookingHistoryRS/Success	Node		N
/OTA_CruiseBookingHistoryRS/ReservationID/@ID='0'	Integer	1	N
/OTA_CruiseBookingHistoryRS/ReservationID/@Type	Integer	14	N
/OTA_CruiseBookingHistoryRS/HistoryInfos/HistoryInfo[1-120]/@LastModified	DateTime		N
/OTA_CruiseBookingHistoryRS/HistoryInfos/HistoryInfo[1-120]/Items/Item/@LastModifierID	String	10	N
/OTA_CruiseBookingHistoryRS/HistoryInfos/HistoryInfo[1-120]/Items/Item/@ItemName	String	1	N
/OTA_CruiseBookingHistoryRS/HistoryInfos/HistoryInfo[1-120]/Items/Item/@Name	String	2	N
/OTA_CruiseBookingHistoryRS/HistoryInfos/HistoryInfo[1-120]/Items/Item/Text	String	64	N

### 36.4.3 Use Case

#### 36.4.3.1 Sample Message Request

Travel Agent Jody wants to see the booking change history for booking 8308 with RCL.

```
<m:getBookingHistory xmlns:m="http://services.rccl.com/Interfaces/BookingHistory">
  <OTA_ReadRQ MaxResponses="40" SequenceNmbr="1" Target="Test" TimeStamp="2008-05-07T13:26:24"
  TransactionStatusCode="Start" Version="2.0">
    <POS>
      ...
    </POS>
    <UniqueID ID="8308" Type="14"/>
  </OTA_ReadRQ>
</m:getBookingHistory>
```

#### 36.4.3.2 Sample Message Response

```
<history:getBookingHistoryResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:history="http://services.rccl.com/Interfaces/BookingHistory">
  <alpha:OTA_CruiseBookingHistoryRS MaxResponses="22" MoreDataEchoToken="00083081090227163931-
  MARY JONES OPTION CRCR ADDED" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:ReservationID ID="0" Type="14"/>
    <alpha:HistoryInfos>
      <alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
        <alpha:Items>
          <alpha:Item LastModifierID="CM">
            <alpha:Text>CREATED BOOKING</alpha:Text>
          </alpha:Item>
        </alpha:Items>
      </alpha:HistoryInfo>
      <alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
        <alpha:Items>
          <alpha:Item LastModifierID="PARTNER C" ItemName="S">
            <alpha:Text>JOHN SMITH CONFIRMED ON TOUR BF1AX</alpha:Text>
          </alpha:Item>
        </alpha:Items>
      </alpha:HistoryInfo>
      <alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
        <alpha:Items>
          <alpha:Item LastModifierID="PARTNER C" ItemName="S">
            <alpha:Text>MARY JONES CONFIRMED ON TOUR BF1AX</alpha:Text>
          </alpha:Item>
        </alpha:Items>
      </alpha:HistoryInfo>
      <alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
        <alpha:Items>
          <alpha:Item LastModifierID="PARTNER CE" ItemName="S">
            <alpha:Text>JOHN SMITH OPTION FUEL ADDED</alpha:Text>
          </alpha:Item>
        </alpha:Items>
      </alpha:HistoryInfo>
      <alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
        <alpha:Items>
          <alpha:Item LastModifierID="PARTNER CE" ItemName="S">
            <alpha:Text>MARY JONES OPTION PPGR ADDED</alpha:Text>
          </alpha:Item>
        </alpha:Items>
      </alpha:HistoryInfo>
      <alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
```

```
<alpha:Items>
  <alpha:Item LastModifierID="CM" ItemName="S">
    <alpha:Text>CRUISEMATCH AIRLINE CODE FROM TO XX</alpha:Text>
  </alpha:Item>
</alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="CM" ItemName="S">
      <alpha:Text>SAILING FROM TO FR 02AUG09</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="CM" ItemName="S">
      <alpha:Text>CABIN FROM TO 1380</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="CM" ItemName="S">
      <alpha:Text>AGENT FROM 123 TO 567</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="CM" ItemName="S">
      <alpha:Text>BOOKING STATUS FROM TO OF</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="CM" ItemName="S">
      <alpha:Text>PSGR COUNT FROM 0 TO 2</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="CM" ItemName="S">
      <alpha:Text>PACKAGE CODE FROM TO FR07W032</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="CM" ItemName="S">
      <alpha:Text>CONTACT NAME FROM TO PARTNER CERT</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="CM" ItemName="S">
      <alpha:Text>TOTAL PRICE FROM 0.00 TO 3980.12</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="CM" ItemName="S">
      <alpha:Text>BERTHING CATEGORY FROM TO D1</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
```

```

    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="CM" ItemName="S">
      <alpha:Text>OPTION DATE FROM TO 06MAR09</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="CM" ItemName="S">
      <alpha:Text>CABIN RATE CATEGORY FROM TO D1</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:29.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="CM" ItemName="S">
      <alpha:Text>PRICE PROGRAM FROM TO BRKE07</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:30.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="ITIT_GRP" ItemName="S">
      <alpha:Text>JOHN SMITH DINING ROOM CODE FROM TO M</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:30.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="ITIT_GRP" ItemName="S">
      <alpha:Text>CHELS GRANDERS DINING ROOM CODE FROM TO M</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:31.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="ITIT_GRP" ItemName="S">
      <alpha:Text>JOHN SMITH OPTION CRCR ADDED</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
<alpha:HistoryInfo LastModified="2009-02-27T16:39:31.0Z">
  <alpha:Items>
    <alpha:Item LastModifierID="ITIT_GRP" ItemName="S">
      <alpha:Text>MARY JONES OPTION CRCR ADDED</alpha:Text>
    </alpha:Item>
  </alpha:Items>
</alpha:HistoryInfo>
</alpha:HistoryInfos>
</alpha:OTA_CruiseBookingHistoryRS>
</history:getBookingHistoryResponse>

```

## 36.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

### **36.6 *Special Design Considerations***

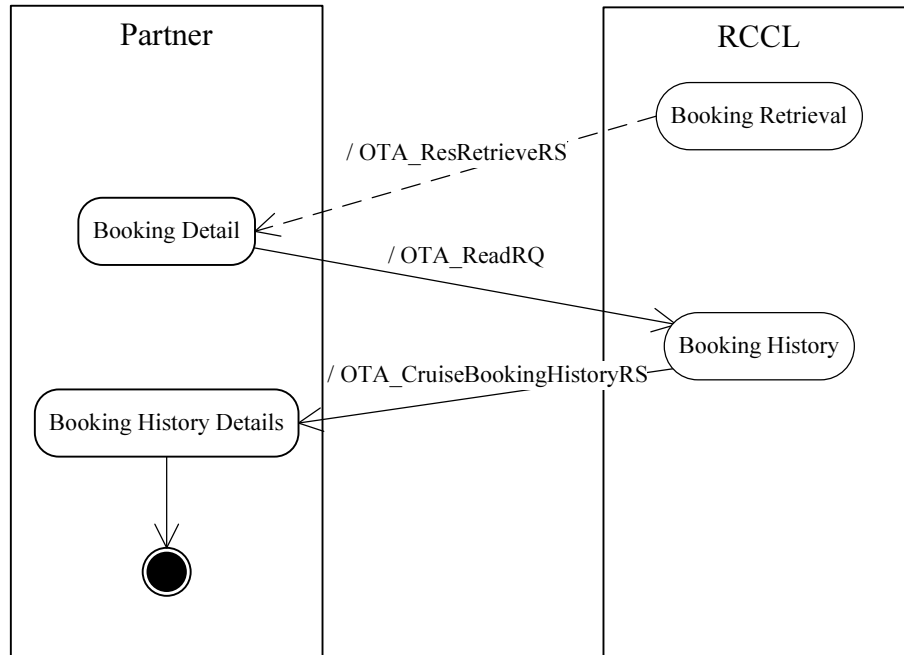
None

## 37. Auto Add Charge Detail Message

### 37.1 Functional Overview

The Auto Add Charge Detail message is used to obtain the detailed Auto Add Charge information available on a given sailing and market period

### 37.2 Typical Process Flow



### 37.3 Schema Specification

The schemas for Auto Add Charge detail request and response are OTA\_CruiseSpecialServiceAvailRQ and OTA\_CruiseSpecialServiceAvailRS. Our implementation is based on the OTA\_2007A extended schema specification.

#### 37.3.1 AutoAdd Charge Detail Request

##### 37.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType
UniqueID	UniqueIDType
SailingInfo	SailingCategoryInfoType
SpecialService	SpecialServiceType

### 37.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

### 37.3.1.3 Extensions

None

## 37.3.2 AutoAdd Charge Detail Response

### 37.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

### 37.3.2.2 Constraints and Restrictions

- None

### 37.3.2.3 Extensions

None

## 37.4 Message User Guide

### 37.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseSpecialServiceAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@Start	Date		Y
/OTA_CruiseSpecialServiceAvailRQ/SailingInfo/SelectedSailing/@ShipCode	String	2	Y
/OTA_CruiseSpecialServiceAvailRQ/SailingInfo/SelectedSailing/@Code	String	10	Y
/OTA_CruiseSpecialServiceAvailRQ/SailingInfo/SelectedSailing/@Date	Date		N
/OTA_CruiseSpecialServiceAvailRQ/SailingInfo/SelectedSailing/@Id	String	7	N

### 37.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@Code	String	10	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@CodeName	String	30	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@CodeDetail	String	35	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@Status	Integer	2	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@OptionType	Integer	2	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@Date	Date		
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@BookingType	Integer	2	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@CategoryRestrictionIndicator	Boolean		
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@GuestTypeRestrictionIndicator	Boolean		
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@GuestTypeRestrictionIndicator	Boolean		



/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@MandatoryIndicator	Boolean	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@ItemizableIndicator	Boolean	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@AutoAddedIndicator	Boolean	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@ReEvaluationIndicatorIndicator	Boolean	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@PricingType	Integer	2
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@AmountOrPercentage	Integer	2
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@FaceCurrency	String	3
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@FaceValue	Amount	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@MaxFaceValuePerCabin	Amount	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/@PricingLevel	Integer	2
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/TPA_CategoryInfos/TPA_CategoryInfo/@CategoryCode	String	2
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/TPA_CategoryInfos/TPA_CategoryInfo/@CategoryDescription	String	12
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/TPA_RestrictionInfo/TPA_Restriction/@RestrictionType	Integer	3
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/TPA_RestrictionInfo/TPA_Restriction/@Description	String	35
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/TPA_RestrictionInfo/TPA_Restriction/@PriceTypeCode	Integer	2
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/TPA_GuestPriceInfos/TPA_GuestPriceInfo/@FixedRate	Amount	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/TPA_GuestPriceInfos/TPA_GuestPriceInfo/@MaxRate	Amount	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/TPA_GuestPriceInfos/TPA_GuestPriceInfo/@MinRate	Amount	
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/TPA_ComponentInfos/TPA_ComponentInfo/@ComponentDescription	String	67
/OTA_CruiseSpecialServiceAvailRS/SpecialServices/SpecialService/TPA_ComponentInfos/TPA_ComponentInfo/@ComponentType	Integer	2

### 37.4.3 Use Case

#### 37.4.3.1 Sample Message Request

John would like to understand what option PPGR is so he sends a message as shown below.

```
<getAutoAddChargeDetail xmlns="http://services.rccl.com/Interfaces/AutoAddChargeDetail">
  <OTA_CruiseSpecialServiceAvailRQ TimeStamp="2008-05-23T13:06:21.706-04:00" Target="Production"
    Version="1" TransactionIdentifier="1" SequenceNmbr="1" MaxResponses="50"
    xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
    ...
    </POS>
    <ReservationID ID="1234567" Type="A">
      <SailingInfo>
        <SelectedSailing Start="2012-05-20">
          <CruiseLine ShipCode="CN"/>
        </SelectedSailing>
      </SailingInfo>
      <SpecialService Code="ASCR" Date="2012-05-20"/>
    </OTA_CruiseSpecialServiceAvailRQ>
  </getAutoAddChargeDetail>
```

#### 37.4.3.2 Sample Message Response

```
<de:getAutoAddChargeDetailResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
  xmlns:de="http://services.rccl.com/Interfaces/AutoAddChargeDetail">
  <alpha:OTA_CruiseSpecialServiceAvailRS Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:SailingInfo/>
    <alpha:SpecialServices>
      <alpha:SpecialService Code="ASCR" CodeDetail="ASSIST CARD BRA BRA AUTOADD"
        CodeName="ASSIST CARD BRA BRA AUTOADD" AmountOrPercentage="27" AutoAddedIndicator="true"
```

```

BookingType="36" CategoryRestrictionIndicator="false" DateUsed="1" FaceValue="0.00"
GuestTypeRestrictionIndicator="false" ItemizableIndicator="true" MandatoryIndicator="false"
MaxFaceValuePerCabin="0.00" OptionType="5" PricingLevel="2" PricingType="2" ReEvaluationIndicator="false"
Status="36">
  <alpha:TPA_CategoryInfos/>
  <alpha:TPA_RestrictionInfo/>
  <alpha:TPA_GuestPriceInfos>
    <alpha:TPA_GuestPriceInfo FixedRate="12.08" MaxRate="0" MinRate="0" PriceCodeType="4"/>
    <alpha:TPA_GuestPriceInfo FixedRate="12.08" MaxRate="0" MinRate="0" PriceCodeType="5"/>
    <alpha:TPA_GuestPriceInfo FixedRate="12.08" MaxRate="0" MinRate="0" PriceCodeType="6"/>
    <alpha:TPA_GuestPriceInfo FixedRate="12.08" MaxRate="0" MinRate="0" PriceCodeType="7"/>
    <alpha:TPA_GuestPriceInfo FixedRate="12.08" MaxRate="0" MinRate="0" PriceCodeType="8"/>
    <alpha:TPA_GuestPriceInfo FixedRate="12.08" MaxRate="0" MinRate="0" PriceCodeType="9"/>
  </alpha:TPA_GuestPriceInfos>
  <alpha:TPA_ComponentInfos/>
  </alpha:SpecialService>
</alpha:SpecialServices>
</alpha:OTA_CruiseSpecialServiceAvailRS>
</de:getAutoAddChargeDetailResponse>

```

Status – Refer to OTA CodeLookupId “STS\_GrpPricingPromo” for values.

OptionType – Refer to OTA CodeLookupId “TPA\_OTP” for values.

BookingType – Refer to OTA CodeLookupId “TPA\_UIT” for values.

PricingType – Refer to OTA CodeLookupId “TPA\_PTY” for values.

AmountOrPercentage – Refer to OTA CodeLookupId “TPA\_UOM” for values.

PricingLevel – Refer to OTA CodeLookupId “TPA\_PRL” for values.

RestrictionType – Refer to OTA CodeLookupId “TPA\_PRI” for values.

PriceTypeCode – Refer to OTA CodeLookupId “TPA\_GST” for values.

ComponentType – Refer to OTA CodeLookupId “TPA\_BCP” for values.

### 37.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

### 37.6 Special Design Considerations

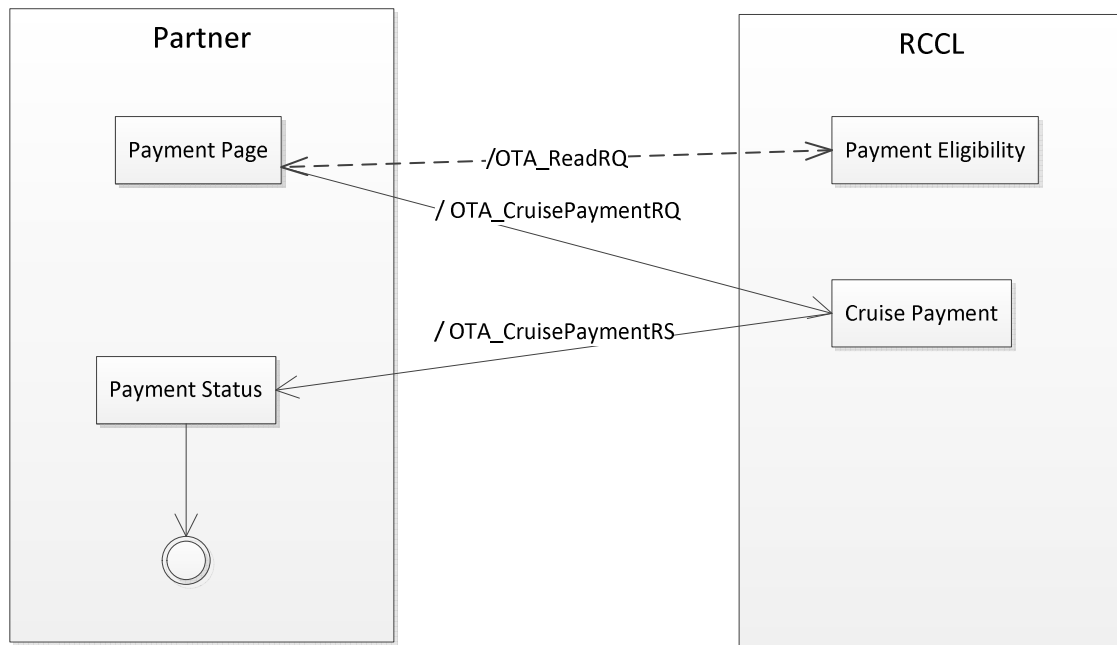
None

## 38. Payment Eligibility Message

### 38.1 Functional Overview

If there is a need to retrieve information regarding what kind of installments or schedule payments the agency is allowed to make, Payment Eligibility message can be used. If installments are allowed, the response will indicate the maximum and minimum payments installment payments that are allowed. If scheduled payments are allowed, then the response message will indicate the details of the schedule plan that is allowed.

## 38.2 Typical Process Flow



## 38.3 Schema Specification

The schemas for Payment Eligibility request and response are OTA\_ReadRQ and RCL\_PaymentEligibilityRS. Our implementation is based on the OTA\_2007A extended schema specification.

### 38.3.1 Payment Eligibility Request

#### 38.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS	POSType
UniqueID	UniqueID_Type

#### 38.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 38.3.1.3 Extensions

None

### 38.3.2 Payment Eligibility Response

#### 38.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
Errors	ErrorsType

#### 38.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- ReservationInfo/ReservationID is intended to be used for RCL Reservation ID only. PNRs are not supported.

#### 38.3.2.3 Extensions

None

## 38.4 Message User Guide

### 38.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_ReadRQ/UniqueID/@ID	String	32	Y
/OTA_ReadRQ/UniqueID/@Type	String	1	Y

### 38.4.2 Response Parameters

Field	Data Type	Type Size	Required
/RCL_PaymentEligibilityRS/@Version	Float	3	N
/RCL_PaymentEligibilityRS/Warnings/Warning[0-3]/@Type	Integer	2	N
/RCL_PaymentEligibilityRS/EligibilityRules/@Type	Integer	4	N
/RCL_PaymentEligibilityRS/EligibilityRules/InstallmentDetails[0-1]/ InstallmentDetail[1-10]/@DefaultPayments	Integer	99	N
/RCL_PaymentEligibilityRS/EligibilityRules/InstallmentDetails[0-1]/ InstallmentDetail[1-10]/@Id	String	16	N
/RCL_PaymentEligibilityRS/EligibilityRules/InstallmentDetails[0-1]/ InstallmentDetail[1-10]/@MaxPayments	Integer	99	N
/RCL_PaymentEligibilityRS/EligibilityRules/InstallmentDetails[0-1]/ InstallmentDetail[1-10]/@MinPayments	Integer	99	N
/RCL_PaymentEligibilityRS/EligibilityRules/PaymentForms/@Type	Integer	4	N
/RCL_PaymentEligibilityRS/EligibilityRules/PaymentForms/PaymentForm[0-20]/@name	String		N

### 38.4.3 Use Case

#### 38.4.3.1 Sample Message Request

Requesting agency wants to retrieve the eligibility rules for booking 461656

below.

```
<m:getPaymentEligibility xmlns:m="http://services.rccl.com/Interfaces/PaymentEligibility">
  <OTA_ReadRQ RetransmissionIndicator="false" SequenceNmbr="1"
    TimeStamp="2012-10-04T13:13:14.908+00:00" Version="1.0"
    xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS> ..... </POS>
    <UniqueID ID="4616656" Type="14"/>
  </OTA_ReadRQ>
</m:getPaymentEligibility>
```

### 38.4.3.2 Sample Message Response

```
<el:getPaymentEligibilityResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
  xmlns:el="http://services.rccl.com/Interfaces/PaymentEligibility">
  <alpha:RCL_PaymentEligibilityRS Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:EligibilityRules Type="1">
      <alpha:InstallmentDetails>
        <alpha:InstallmentDetail DefaultPayments="5" Id="1" MaxPayments="10"
          MinPayments="1"/>
      </alpha:InstallmentDetails>
      <alpha:PaymentForms Type="2">
        <alpha:PaymentForm name="AX"/>
        <alpha:PaymentForm name="DS"/>
      </alpha:PaymentForms>
    </alpha:EligibilityRules>
  </alpha:RCL_PaymentEligibilityRS>
</el:getPaymentEligibilityResponse>
```

## 38.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 38.6 Special Design Considerations

None

# 39. PromoSearchBreakDown Message

## 39.1 Functional Overview

This transaction returns detailed Occupancy and Guest Level pricing break down for a given category and promotional fare. Additionally it returns few promotional attributes in the response.

This service is mainly introduced to complement the Category List result set. Category pricing returns only the consolidated promotion amount, concatenated list of promotion class and Types for categories/PriceInfo combination. This new service will return the

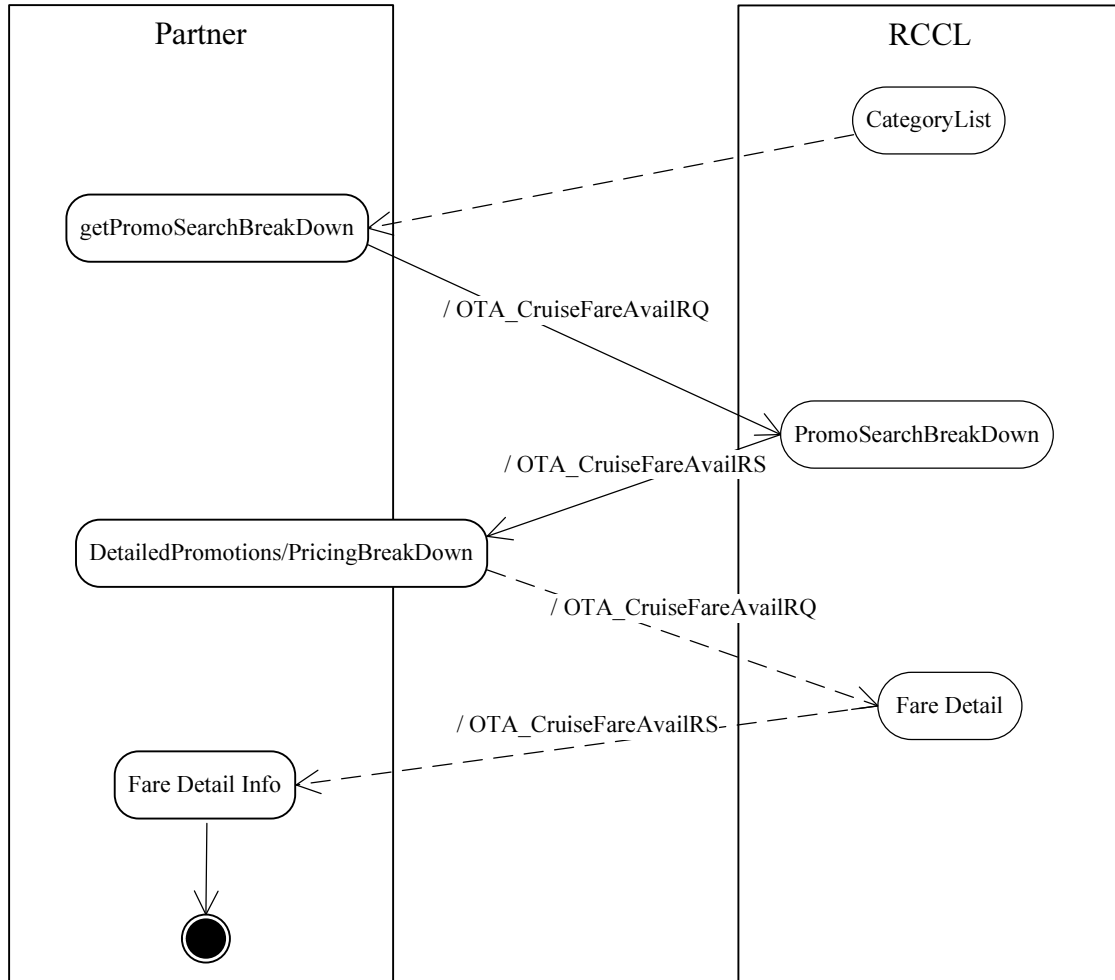
detailed breakdown of promotions that contributed towards the BESTRATE/BVL/Combinable promotional pricing calculation.

The Service validates all input qualifiers and goes through all pricing and promotions eligibility rules and calculation.

### **39.1.1 Transaction Services**

- All Guest level promotional qualifiers should be entered.
- All pricing rules applied in category list message is applied here as well.
- BESTRATE/BVL pricing can be requested by setting all the eligible qualifiers in the request.
- Service capability is extended to group bookings as well.
- Optional filter can be set to Exclude Non-Refundable promotions when requesting for Bestrate, Best Value or any selected promotions.

### **39.2 Typical Process Flow**



### 39.3 Schema Specification

The schemas for PromoSearchBreakDown request and response are OTA\_CruiseFareAvailRQ and OTA\_CruiseFareAvailRS. Our implementation is based on the OTA\_2007A schema specification.

#### 39.3.1 PromoSearchBreakDown Request

##### 39.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS (Point of Sale)	POS_Type
Guest	GuestType
SailingInfo	SailingInfoType
SearchQualifiers	SailingSearchQualifierType

### 39.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

### 39.3.1.3 Extensions

None

## 39.3.2 PromoSearchBreakDown Response

### 39.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingType
FareCodeOptions/FareCodeOption	FareCodeOptionType
Errors	ErrorsType

### 39.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

## 39.4 Message User Guide

### 39.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseFareAvailRQ/@MoreDataEchoToken	String	27	N
/OTA_CruiseFareAvailRQ/@MaxResponses	Integer	3	Y
/OTA_CruiseFareAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruiseFareAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseFareAvailRQ/Guest[1-4]/@Code	String	2	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/@Age	String	3	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/@LoyaltyMembershipID	String	9	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/GuestTransportation[1-2]/@Mode	Integer	2	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/GuestTransportation[1-2]/@Status	Integer	2	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/GuestTransportation[1-2]/GatewayCity/@LocationCode	String	3	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/Address/StateProv/@StateCode	String	2	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/FareQualifiers[0-5]/@FareRestriction	String	1	N
/OTA_CruiseFareAvailRQ/Guest[1-4]/SelectedOffers[0-1]/@PromotionCode	String	16	N
/OTA_CruiseFareAvailRQ/SearchQualifiers/@BerthedCategoryCode	String	2	Y
/OTA_CruiseFareAvailRQ/SearchQualifiers/ReservationID/@Type	String	2	N
/OTA_CruiseFareAvailRQ/SearchQualifiers/ReservationID/@ID	Integer	7	N
/OTA_CruiseFareAvailRQ/SearchQualifiers/ReservationID/@ID_Context	Integer	7	N
/OTA_CruiseFareAvailRQ/TPA_Extensions/TPA_FareQualifiers/TPA_FareType/@TPA_FareCode	String	16	Y
/OTA_CruiseFareAvailRQ/TPA_Extensions/TPA_FareQualifiers/TPA_FareType/@TPA_RequestSequence	String	2	N
/OTA_CruiseFareAvailRQ/TPA_Extensions/TPA_FareQualifiers/TPA_FareType/@IncludeNonRefundablePromos	String	3	N
/OTA_CruiseFareAvailRQ/TPA_Extensions/TPA_FareQualifiers/TPA_FareType/@TPA_Priceld	String	16	N



### 39.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseFareAvailRS/@MaxResponses	Integer	3	Y
/OTA_CruisePkgAvailRS/@MoreIndicator	Boolean		Y
/OTA_CruisePkgAvailRS/@MoreDataEchoToken	String	128	N
/OTA_CruiseFareAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseFareAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseFareAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseFareAvailRS/Success	Node		N
/OTA_CruiseFareAvailRS/SailingInfo/SelectedSailing/@Start	Date		N
/OTA_CruiseFareAvailRS/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	N
/OTA_CruiseFareAvailRS/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/@FareCode	String	8	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/@FareDescription	String	45	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/@Status	Integer	2	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/@DiscountTypes	String	2	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/@PromotionAmount	String	14	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/@PromotionClass	String	2	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/@PromotionTypes	String	2	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/@ValueAddAmount	String	14	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/@FaceCurrency	String	3	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/@FaceValueType	String	1	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/@ValueAddAmount	String	14	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/@NonRefundableType	String	1	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/FareRemark	String	40	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/PriceInfo/PriceBreakDown[1-4]/@AgeQualifyingCode	String	2	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/PriceInfo/PriceBreakDown[1-4]/@ProfileType	String	1	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/PriceInfo/PriceBreakDown[1-4]/@PromotionAmount	String	14	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/PriceInfo/PriceBreakDown[1-4]/@ValueAddAmount	String	14	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-25]/PriceInfo/PriceBreakDown[1-4]/@Discount_Type	String	1	N

### 39.4.3 Use Case 1

John and a guest decided to sail on the Allure of the Seas on 2014-01-05, package AL07E088. He entered his age as 55 and got a Best rate for category D1. He would like to get a detailed break down of promotions that he received as part of Best rate calculation.

#### 39.4.3.1 Sample Message Request – OTA\_CruiseFareAvailRQ

```
<m:getPromoSearchBreakDown xmlns:m="http://services.rccl.com/Interfaces/PromoSearchBreakDown"
xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
<OTA_CruiseFareAvailRQ MaxResponses="150" RetransmissionIndicator="false" SequenceNmbr="1"
TimeStamp="2008-12-18T12:46:25.861-05:00" TransactionIdentifier="106597" Version="1.0"
xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
  <POS>
    ...
  </POS>
  <Guest Age="55">
    <GuestTransportation Mode="29" Status="36">
```

```

    <GatewayCity LocationCode="C/O"/>
  </GuestTransportation>
</Guest>
<Guest Age="35">
  <GuestTransportation Mode="29" Status="36">
    <GatewayCity LocationCode="C/O"/>
  </GuestTransportation>
</Guest>
<GuestCounts>
  <GuestCount Quantity="1"/>
  <GuestCount Quantity="1"/>
</GuestCounts>
<SailingInfo>
  <SelectedSailing Start="2014-01-05">
    <CruiseLine ShipCode="AL"/>
  </SelectedSailing>
  <InclusivePackageOption CruisePackageCode="AL07E088"/>
</SailingInfo>
<SearchQualifiers BerthedCategoryCode="D1"/>
<TPA_Extensions>
  <TPA_FareQualifiers>
    <TPA_FareType TPA_FareCode="A0004352"/>
  </TPA_FareQualifiers>
</TPA_Extensions>
</OTA_CruiseFareAvailRQ>
</m:getPromoSearchBreakDown>

```

### 39.4.3.2 Sample Message Response - OTACruiseFareAvailRS

The response message returns promotions breakdown.

```

<down:getPromoSearchBreakDownResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:down="http://services.rccl.com/Interfaces/PromoSearchBreakDown">
  <alpha:OTA_CruiseFareAvailRS MaxResponses="3" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:SailingInfo>
      <alpha:SelectedSailing Start="2014-01-12">
        <alpha:CruiseLine ShipCode="AL"/>
      </alpha:SelectedSailing>
      <alpha:InclusivePackageOption CruisePackageCode="AL07W114"/>
    </alpha:SailingInfo>
    <alpha:FareCodeOptions>
      <alpha:FareCodeOption FareCode="A0004352" FareDescription="SENIOR SPECIAL" FaceCurrency="
USD" PromotionClass="3" PromotionTypes="50" ValueAddAmount="400.00">
        <alpha:FareRemark>SENIOR SPECIA</alpha:FareRemark>
        <alpha:PriceInfo>
          <alpha:PriceBreakDown AgeQualifyingCode="1" ProfileType="P" PromotionAmount="0"
ValueAddAmount="200.00"/>
          <alpha:PriceBreakDown AgeQualifyingCode="2" ProfileType="P" PromotionAmount="0"
ValueAddAmount="200.00"/>
        </alpha:PriceInfo>
      </alpha:FareCodeOption>
      <alpha:FareCodeOption FareCode="01288447" FareDescription="KPI TESTING" DiscountTypes="1"
PromoPercentage="216.00" PromotionClass="1" PromotionTypes="68">
        <alpha:FareRemark>Kpi testing 1021</alpha:FareRemark>
        <alpha:PriceInfo>
          <alpha:PriceBreakDown AgeQualifyingCode="1" ProfileType="P" PromotionAmount="108.00"/>
          <alpha:PriceBreakDown AgeQualifyingCode="2" ProfileType="P" PromotionAmount="108.00"/>
        </alpha:PriceInfo>
      </alpha:FareCodeOption>
    </alpha:FareCodeOptions>
    <alpha:TPA_Extensions>
      <alpha:Taxes>

```

```

    <alpha:Tax Amount="126.40"/>
    <alpha:Tax Amount="138.77"/>
  </alpha:Taxes>
  <alpha:Fee>
    <alpha:Taxes>
      <alpha:Tax Amount="159.00"/>
      <alpha:Tax Amount="159.00"/>
    </alpha:Taxes>
  </alpha:Fee>
</alpha:TPA_Extensions>
</alpha:OTA_CruiseFareAvailRS>
</list:getFareListResponse>

```

### 39.4.4 Use Case 2

John and a guest decided to sail on the Allure of the Seas on 2014-01-05, package AL07E088. He entered his age as 55 and resident state as “FL”. He is requesting for a best rate for category D1.

#### Sample Message Request – OTA\_CruiseFareAvailRQ

```

<m:getFareList xmlns:m="http://services.rccl.com/Interfaces/FareList">
  <OTA_CruiseFareAvailRQ MaxResponses="150" RetransmissionIndicator="false" SequenceNmbr="1"
    TimeStamp="2008-12-18T12:46:25.861-05:00" TransactionIdentifier="106597" Version="1.0"
    xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <Guest Age="55">
      <GuestTransportation Mode="29" Status="36">
        <GatewayCity LocationCode="C/O"/>
      </GuestTransportation>
      <Address>
        <StateProv StateCode="FL"/>
      </Address>
    </Guest>
    <Guest Age="35">
      <GuestTransportation Mode="29" Status="36">
        <GatewayCity LocationCode="C/O"/>
      </GuestTransportation>
    </Guest>
    <GuestCounts>
      <GuestCount Quantity="1"/>
      <GuestCount Quantity="1"/>
    </GuestCounts>
    <SailingInfo>
      <SelectedSailing Start="2014-01-05">
        <CruiseLine ShipCode="AL"/>
      </SelectedSailing>
      <InclusivePackageOption CruisePackageCode="AL07E088"/>
    </SailingInfo>
    <SearchQualifiers BerthedCategoryCode="D1"/>
    <TPA_Extensions>
      <TPA_FareQualifiers>
        <TPA_FareType TPA_FareCode="A0004352"/>
      </TPA_FareQualifiers>
    </TPA_Extensions>
  </OTA_CruiseFareAvailRQ>
</m:getFareList>

```

#### 39.4.4.1 Sample Message Response - OTACruiseFareAvailRS

The response message returns Promotional break down details and pricing.

```

<down:getPromoSearchBreakDownResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:down="http://services.rccl.com/Interfaces/PromoSearchBreakDown">
  <alpha:OTA_CruiseFareAvailRS MaxResponses="1" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:SailingInfo>
      <alpha:SelectedSailing ListOfSailingDescriptionCode="6" Start="2014-01-05">
        <alpha:CruiseLine ShipCode="AL"/>
      </alpha:SelectedSailing>
      <alpha:InclusivePackageOption CruisePackageCode="AL07E088"/>
    </alpha:SailingInfo>
    <alpha:FareCodeOptions>
      <alpha:FareCodeOption FareCode="00170689" FareDescription="Family Spec RG" DiscountTypes="2"
PromotionAmount="200.00" PromotionClass="18" PromotionTypes="58" >
        <alpha:FareRemark>Family Spec R</alpha:FareRemark>
        <alpha:PriceInfo>
          <alpha:PriceBreakDown AgeQualifyingCode="1" ProfileType="P" PromotionAmount="100.00" />
          <alpha:PriceBreakDown AgeQualifyingCode="2" ProfileType="P" PromotionAmount="100.00"/>
        </alpha:PriceInfo>
      </alpha:FareCodeOption>
      <alpha:FareCodeOption FareCode="01288447" FareDescription="KPI TESTING" DiscountTypes="1"
PromoPercentage="196.00" PromotionClass="1" PromotionTypes="68" >
        <alpha:FareRemark>Kpi testing 1021</alpha:FareRemark>
        <alpha:PriceInfo>
          <alpha:PriceBreakDown AgeQualifyingCode="1" ProfileType="P" PromotionAmount="98.00" />
          <alpha:PriceBreakDown AgeQualifyingCode="2" ProfileType="P" PromotionAmount="98.00" />
        </alpha:PriceInfo>
      </alpha:FareCodeOption>
    </alpha:FareCodeOptions>
  </alpha:OTA_CruiseFareAvailRS>
</down:getPromoSearchBreakDownResponse>

```

### 39.4.5 Use Case 3

John and a guest will be booked under an existing group reservation ID 23066. He entered his age as 55 and resident state as “FL”. He is requesting for a best rate for category D1.

#### Sample Message Request – OTA\_CruiseFareAvailRQ

```

<m:getFareList xmlns:m="http://services.rccl.com/Interfaces/FareList">
  <OTA_CruiseFareAvailRQ MaxResponses="150" RetransmissionIndicator="false" SequenceNmbr="1"
TimeStamp="2008-12-18T12:46:25.861-05:00" TransactionIdentifier="106597" Version="1.0"
xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <Guest Age="55">
      <GuestTransportation Mode="29" Status="36">
        <GatewayCity LocationCode="C/O"/>
      </GuestTransportation>
      <Address>
        <StateProv StateCode="FL"/>
      </Address>
    </Guest>
    <Guest Age="35">
      <GuestTransportation Mode="29" Status="36">

```

```

    <GatewayCity LocationCode="C/O"/>
  </GuestTransportation>
</Guest>
<GuestCounts>
  <GuestCount Quantity="1"/>
  <GuestCount Quantity="1"/>
</GuestCounts>
<SailingInfo>
  <SelectedSailing Start="2014-01-05">
    <CruiseLine ShipCode="AL"/>
  </SelectedSailing>
  <InclusivePackageOption CruisePackageCode="AL07E088"/>
</SailingInfo>
<SearchQualifiers BerthedCategoryCode="D1">
  <ReservationID Type="9" ID="{GroupBookingID}" ID_Context="{GroupID}" >
</SearchQualifiers>
<TPA_Extensions>
  <TPA_FareQualifiers>
    <TPA_FareType TPA_FareCode="A0004352" TPA_RequestSequence="2" TPA_PricId="A0004352"/>
  </TPA_FareQualifiers>
</TPA_Extensions>
</OTA_CruiseFareAvailRQ>
</m:getFareList>

```

### 39.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

### 39.6 Special Design Considerations

- Status code in FareCodeOption element is an OTA\_CodeType (Code List Name = Status). Refer to OTA\_CodeTypes appendix for more information.
- Discount types in FareCodeOption element is an OTA\_CodeType (Code List Name = Discount\_Type). Refer to OTA\_CodeTypes appendix for more information.
- Promotion Class in FareCodeOption element is an OTA\_CodeType (Code List Name = Promotion\_Class). Refer to OTA\_CodeTypes appendix for more information.
- Promotion Type in FareCodeOption element is an OTA\_CodeType (Code List Name = Promotion\_Type). Refer to OTA\_CodeTypes appendix for more information.
- ValueAddType in FareCodeOption element is an OTA\_CodeType (Code List Name = Offer\_Type). Refer to OTA\_CodeTypes appendix for more information.

## 40. PromoDetailBreakDown Message

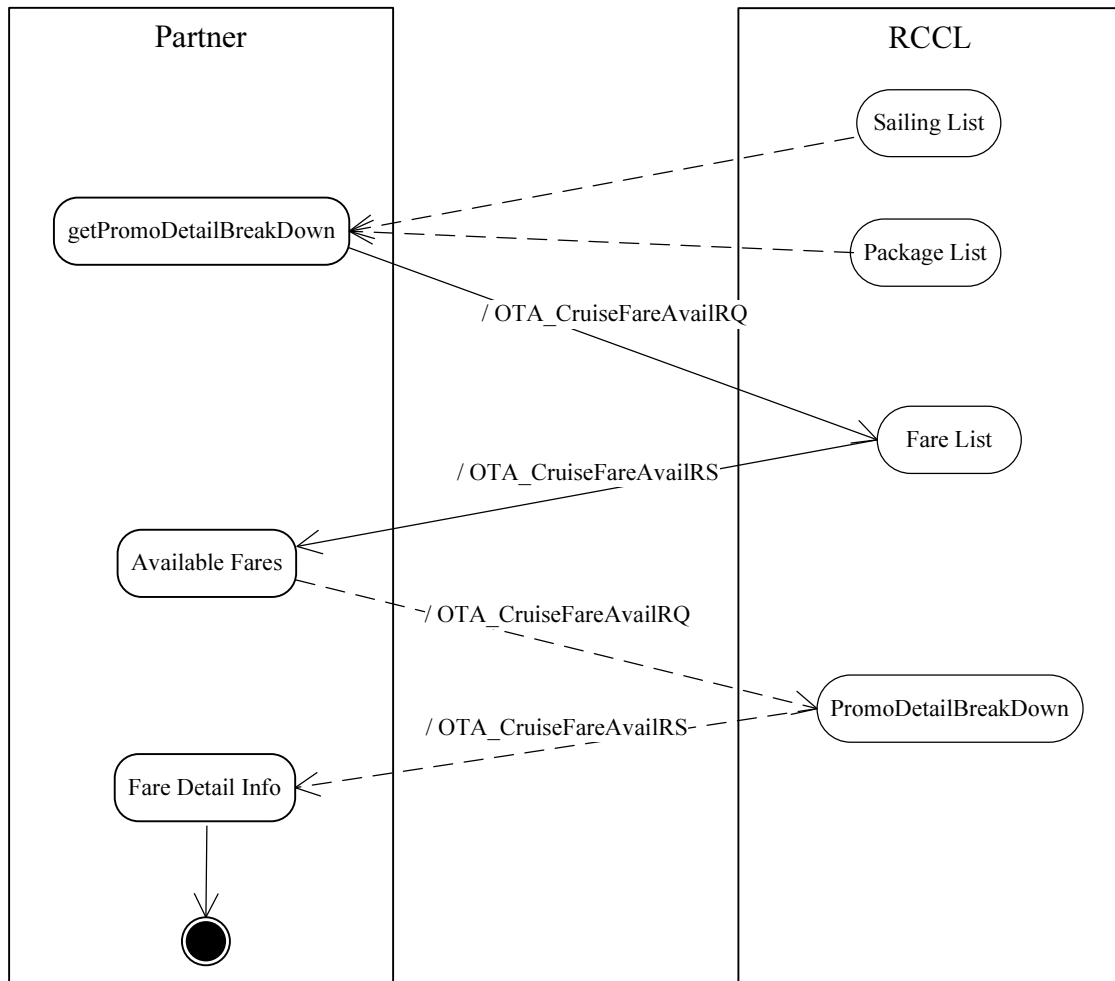
### 40.1 Functional Overview

This transaction returns the description, expiration date, rules, restrictions and other associated details of a selected promotional fare(s) in free form text format. This is an enhanced version of Cruise Fare Detail Message.

#### 40.1.1 Transaction Services

- Returns all details pertaining to a fare code(s) including restrictions and fare rules. Fare Detail will be returned for upto 10 fare codes in the request.

#### 40.2 Typical Process Flow



#### 40.3 Schema Specification

The schemas for **PromoDetailBreakDown** request and response are **OTA\_CruiseFareAvailRQ** and **OTA\_CruiseFareAvailRS**. Our implementation is based on the **OTA\_2007A** schema specification.

### 40.3.1 PromoDetailBreakDown Request

#### 40.3.1.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
POS (Point of Sale)	POS_Type
Guest	GuestType
SailingInfo	SailingInfoType
SearchQualifiers	SailingSearchQualifierType

#### 40.3.1.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information

#### 40.3.1.3 Extensions

None

### 40.3.2 PromoDetailBreakDown Response

#### 40.3.2.1 Data Types and Reuse Chart

Functional Components	Re-Use and Source of other OTA Constructs
Success	SuccessType
Warnings	WarningsType
SailingInfo	SailingType
FareCodeOptions/FareCodeOption	FareCodeOptionType
Errors	ErrorsType

#### 40.3.2.2 Constraints and Restrictions

- Please review the overall constraints and restrictions section for additional information
- Response will not include the alternate currency list.
- Response will not include SailingInfo node.

#### 40.3.2.3 Extensions

None

## 40.4 Message User Guide

### 40.4.1 Request Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseFareAvailRQ/@MoreDataEchoToken	Integer	2	N
/OTA_CruiseFareAvailRQ/@MaxResponses	Integer	3	Y

/OTA_CruiseFareAvailRQ/SailingInfo/SelectedSailing/CruiseLine/@ShipCode	String	2	Y
/OTA_CruiseFareAvailRQ/SailingInfo/SelectedSailing/@Start	Date		Y
/OTA_CruiseFareAvailRQ/SailingInfo/InclusivePackageOption/@CruisePackageCode	String	8	N
/OTA_CruiseFareAvailRQ/TPA_Extensions/TPA_FareQualifiers/TPA_FareType[1-10]/@TPA_FareCode	String	16	Y

## 40.4.2 Response Parameters

Field	Data Type	Type Size	Required
/OTA_CruiseFareAvailRS/@MaxResponses	Integer	3	Y
/OTA_CruiseFareAvailRS/@MoreIndicator	Boolean		Y
/OTA_CruiseFareAvailRS/@MoreDatasEchoToken	String	128	N
/OTA_CruiseFareAvailRS/Warnings/Warning[1-3]	String	80	N
/OTA_CruiseFareAvailRS/Warnings/Warning[1-3]/@ShortText	String	7	N
/OTA_CruiseFareAvailRS/Warnings/Warning[1-3]/@Type	Integer	1	N
/OTA_CruiseFareAvailRS/Success	Node		N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/@FareCode	String	16	Y
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/@FareDescription	String	15	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/@FaceCurrency	String	3	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/@FaceValueType	String	1	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/@NCCFAmount	String	14	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/@NetAmount	String	14	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/@PriceldType	String	1	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/@PromotionClass	String	2	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/@PromotionTypes	String	2	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/@NonRefundableType	String	1	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/@PromotionDescription	String	45	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/@TPA_FareCodeRefNumber	String	1	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/@ValueAddAmount	String	14	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/FareRemark/@Text	String	4800	N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/Restrictions/TPA_Restriction[1-50]/@Allowed	Boolean		N
/OTA_CruiseFareAvailRS/FareCodeOptions/FareCodeOption[1-10]/Restrictions/TPA_Restriction[1-50]/@RestrictionType	String	2	N

## 40.4.3 Use Case

John decided to sail on the Royal Caribbean International ship Allure of the Seas for a sailing on 2014-01-05 and has chosen a fare. He wants to find out additional details pertaining to the fare code.

### 40.4.3.1 Sample Message Request – OTA\_CruiseFareAvailRQ

```
<m:getPromoDetailBreakDown xmlns:m="http://services.rccl.com/Interfaces/FareDetail">
  <OTA_CruiseFareAvailRQ MaxResponses="150" RetransmissionIndicator="false" SequenceNbr="1"
  TimeStamp="2008-12-18T12:46:25.861-05:00" TransactionIdentifier="106597" Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05/alpha">
    <POS>
      ...
    </POS>
    <GuestCounts>
      <GuestCount Quantity="1"/>
    </GuestCounts>
    <SailingInfo>
      <SelectedSailing Start="2014-01-05">
        <CruiseLine ShipCode="AL"/>
      </SelectedSailing>
    </SailingInfo>
  </OTA_CruiseFareAvailRQ>
</m:getPromoDetailBreakDown>
```



```

</SailingInfo>
<SearchQualifiers FareCode="00170689"/>
<SearchQualifiers FareCode="01288447"/>
</OTA_CruiseFareAvailRQ>
</m:getPromoDetailBreakDown>

```

#### 40.4.3.2 Sample Message Response - OTACruiseFareAvailRS

The response message returns the list of eligibility rules and restrictions associated with the fare code.

```

<detail: getPromoDetailBreakDownResponse xmlns:alpha="http://www.opentravel.org/OTA/2003/05/alpha"
xmlns:detail="http://services.rccl.com/Interfaces/FareDetail">
  <alpha:OTA_CruiseFareAvailRS MaxResponses="60" MoreIndicator="false" Version="1.0">
    <alpha:Success/>
    <alpha:Warnings>
      <alpha:Warning Type="3"/>
    </alpha:Warnings>
    <alpha:FareCodeOptions>
      <alpha:FareCodeOption FareCode="00170689" FareDescription="Family Spec RG" DiscountTypes="2"
NCCFAmount="200" NetAmount="200" PriceIdType="2" PromotionAmount="100.00" PromotionClass="18"
PromotionDescription="Family Spec R" PromotionTypes="58" NonRefundableType="1"
TPA_FareCodeRefNumber="1">
        <alpha:FareRemark>Rate Category: D2, D1</alpha:FareRemark>
        <alpha:Restrictions>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="9"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="7"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="2"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="1"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="25"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="27"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="28"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="24"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="3"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="8"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="20"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="5"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="13"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="12"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="21"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="29"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="15"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="16"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="17"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="18"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="19"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="30"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="10"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="22"/>
        </alpha:Restrictions>
      </alpha:FareCodeOption>
      <alpha:FareCodeOption FareCode="01288447" FareDescription="KPI TESTING" DiscountTypes="1"
NCCFAmount="200" NetAmount="200" PriceIdType="2" PromoPercentage="10.00" PromotionClass="1"
PromotionDescription="Kpi testing 1021" PromotionTypes="68" TPA_FareCodeRefNumber="2">
        <alpha:FareRemark>Rate Category: D2, D3, A2, D1, D4, A1, A3</alpha:FareRemark>
        <alpha:Restrictions>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="9"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="7"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="2"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="1"/>
          <alpha:TPA_Restriction Allowed="true" RestrictionType="25"/>
          <alpha:TPA_Restriction Allowed="false" RestrictionType="14"/>
          <alpha:TPA_Restriction Allowed="false" RestrictionType="23"/>
          <alpha:TPA_Restriction Allowed="false" RestrictionType="26"/>
        </alpha:Restrictions>
      </alpha:FareCodeOption>
    </alpha:OTA_CruiseFareAvailRS>
  </detail>

```

```

<alpha:TPA_Restriction Allowed="true" RestrictionType="27"/>
<alpha:TPA_Restriction Allowed="false" RestrictionType="28"/>
<alpha:TPA_Restriction Allowed="false" RestrictionType="24"/>
<alpha:TPA_Restriction Allowed="false" RestrictionType="3"/>
<alpha:TPA_Restriction Allowed="false" RestrictionType="8"/>
<alpha:TPA_Restriction Allowed="false" RestrictionType="20"/>
<alpha:TPA_Restriction Allowed="false" RestrictionType="5"/>
<alpha:TPA_Restriction Allowed="true" RestrictionType="13"/>
<alpha:TPA_Restriction Allowed="true" RestrictionType="12"/>
<alpha:TPA_Restriction Allowed="true" RestrictionType="21"/>
<alpha:TPA_Restriction Allowed="true" RestrictionType="29"/>
<alpha:TPA_Restriction Allowed="true" RestrictionType="15"/>
<alpha:TPA_Restriction Allowed="true" RestrictionType="16"/>
<alpha:TPA_Restriction Allowed="true" RestrictionType="17"/>
<alpha:TPA_Restriction Allowed="true" RestrictionType="18"/>
<alpha:TPA_Restriction Allowed="true" RestrictionType="19"/>
<alpha:TPA_Restriction Allowed="true" RestrictionType="30"/>
<alpha:TPA_Restriction Allowed="true" RestrictionType="10"/>
<alpha:TPA_Restriction Allowed="true" RestrictionType="22"/>
</alpha:Restrictions>
</alpha:FareCodeOption>
</alpha:FareCodeOptions>
</alpha:OTA_CruiseFareAvailRS>
</detail:getFareDetailResponse>

```

## 40.5 Error Handling

Please refer error code appendix for a list of OTA error codes. Note – At this time, OTA is yet to provide a numbering scheme for Cruise error codes.

## 40.6 Special Design Considerations

- Status code in FareCodeOption element is an OTA\_CodeType (Code List Name = Status). Refer to OTA\_CodeTypes appendix for more information.

## 41. APPENDICES

### ***APPENDIX A – Global Data Structures***

This section provides the message structures for those complex types that are used across messages.

#### **Point of Sale (POS)**

```
<xs:complexType name="POS_Type">
  <xs:annotation>
    <xs:documentation xml:lang="en">Point of Sale (POS) is the details identifying the party or connection
channel making the request.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Source" type="SourceType" maxOccurs="5">
      <xs:annotation>
        <xs:documentation xml:lang="en">This holds details regarding the requestor. It may be repeated to also
accommodate the delivery systems.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

#### **Errors**

```
<xs:complexType name="ErrorType">
  <xs:annotation>
    <xs:documentation xml:lang="en">Standard way to indicate that an error occurred during the processing of
an OTA message</xs:documentation>
  </xs:annotation>
  <xs:simpleContent>
    <xs:extension base="FreeTextType">
      <xs:attribute name="Type" type="OTA_CodeType" use="required">
        <xs:annotation>
          <xs:documentation xml:lang="en">The Error element MUST contain the Type attribute that uses a
recommended set of values to indicate the error type. The validating XSD can expect to accept values that it has
NOT been explicitly coded for and process them by using Type ="Unknown". Refer to OTA Code List Error
Warning Type (EWT).</xs:documentation>
        </xs:annotation>
      </xs:attribute>
      <xs:attributeGroup ref="ErrorWarningAttributeGroup"/>
      <xs:attribute name="NodeList" type="xs:string">
        <xs:annotation>
          <xs:documentation xml:lang="en">An XPath expression that selects all the nodes whose data caused
this error. Further, this expression should have an additional constraint which contains the data of the node. This
will provide the offending data back to systems that cannot maintain the original message. </xs:documentation>
        </xs:annotation>
      </xs:attribute>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
<xs:complexType name="ErrorsType">
  <xs:annotation>
```

```

    <xs:documentation xml:lang="en">A collection of errors that occurred during the processing of a
message.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Error" type="ErrorType" maxOccurs="99"/>
  </xs:sequence>
</xs:complexType>

```

## Warnings

```

<xs:complexType name="WarningType">
  <xs:annotation>
    <xs:documentation xml:lang="en">Standard way to indicate successful processing of an OTA message, but
one in which warnings are generated</xs:documentation>
  </xs:annotation>
  <xs:simpleContent>
    <xs:extension base="FreeTextType">
      <xs:attribute name="Type" type="OTA_CodeType" use="required">
        <xs:annotation>
          <xs:documentation xml:lang="en">The Warning element MUST contain the Type attribute that uses a
recommended set of values to indicate the warning type. The validating XSD can expect to accept values that it
has NOT been explicitly coded for and process them by using Type ="Unknown". Refer to OTA Code List Error
Warning Type (EWT).</xs:documentation>
        </xs:annotation>
      </xs:attribute>
      <xs:attributeGroup ref="ErrorWarningAttributeGroup"/>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
<xs:complexType name="WarningsType">
  <xs:sequence>
    <xs:element name="Warning" type="WarningType" maxOccurs="99"/>
  </xs:sequence>
</xs:complexType>

```

## SailingBaseType

```

<xs:complexType name="SailingBaseType">
  <xs:annotation>
    <xs:documentation xml:lang="en">Defines base sailing information.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="CruiseLine">
      <xs:annotation>
        <xs:documentation xml:lang="en">Contains cruise line specific information.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:attributeGroup ref="ShipReferenceGroup"/>
      </xs:complexType>
    </xs:element>
    <xs:element name="Region" minOccurs="0">
      <xs:annotation>
        <xs:documentation xml:lang="en">Contains region specific information.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:attributeGroup ref="RegionGroup"/>
      </xs:complexType>
    </xs:element>
    <xs:element name="DeparturePort" minOccurs="0">
      <xs:annotation>

```

```

    <xs:documentation xml:lang="en">Contains cruise departure port information. Departure port defines the
start place of the cruise sailing.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:simpleContent>
      <xs:extension base="LocationType">
        <xs:attribute name="EmbarkationTime" type="xs:dateTime" use="optional"/>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
<xs:element name="ArrivalPort" minOccurs="0">
  <xs:annotation>
    <xs:documentation xml:lang="en">Contains cruise arrival port information. Arrival port defines the end
place of the cruise sailing.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:simpleContent>
      <xs:extension base="LocationType">
        <xs:attribute name="DebarcationDateTime" type="xs:dateTime"/>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="ListOfSailingDescriptionCode" type="ListOfOTA_CodeType" use="optional">
  <xs:annotation>
    <xs:documentation xml:lang="en">Different qualifiers of the sailing (e.g., groups exist on this sailing;
inclusive packages available; or no itinerary description available). Refer to OTA Code Table Sailing Description
Code (SAI).</xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>

```

## SailingType

```

<xs:complexType name="SailingType">
  <xs:annotation>
    <xs:documentation>Specifies sailing information.</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="SailingInfoType">
      <xs:sequence>
        <xs:element name="Dining" minOccurs="0" maxOccurs="3">
          <xs:annotation>
            <xs:documentation xml:lang="en">Identifies the availability of the particular
sitting.</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:attribute name="Sitting" type="StringLength1to64" use="required">
              <xs:annotation>
                <xs:documentation xml:lang="en">Dining service. Typical values are: first, second, third,
open.</xs:documentation>
              </xs:annotation>
            </xs:attribute>
            <xs:attribute name="Status" type="OTA_CodeType" use="optional">
              <xs:annotation>
                <xs:documentation xml:lang="en">Indicates the dining status. Refer to OTA Code table Status
(STS).</xs:documentation>
              </xs:annotation>
            </xs:attribute>
          </xs:complexType>
        </xs:element>

```

```

    <xs:element name="Transportation" type="GuestTransportationType" minOccurs="0" maxOccurs="5">
      <xs:annotation>
        <xs:documentation xml:lang="en">Specifies the mode of the transportation from the guest location to
the cruise port of departure.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Information" type="ParagraphType" minOccurs="0" maxOccurs="5">
      <xs:annotation>
        <xs:documentation xml:lang="en">Specifies cruise line registration procedures and other free text
information. The name attribute is used to define the type of information. Registration procedures are messages
that advise customers who are not registered with the cruise line how to do so. Usually non registered customers
cannot get access to the cruise line inventory.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
  <xs:attribute name="MaxCabinOccupancy" type="Numeric1to99" use="optional">
    <xs:annotation>
      <xs:documentation xml:lang="en">Maximum cabin occupancy available on this specific sailing
(ship).</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="CategoryLocation" type="CategoryLocationType" use="optional">
    <xs:annotation>
      <xs:documentation xml:lang="en">Specifies the different category locations available on the
ship.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

## SailingCategoryInfoType

```

<xs:complexType name="SailingCategoryInfoType">
  <xs:annotation>
    <xs:documentation xml:lang="en">
Provides category information for the specified sailing.
</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="SailingInfoType">
      <xs:sequence>
        <xs:element name="SelectedCategory" minOccurs="0" maxOccurs="2">
          <xs:annotation>
            <xs:documentation xml:lang="en">Specifies a selected cabin category.</xs:documentation>
          </xs:annotation>
        </xs:complexType>
        <xs:sequence>
          <xs:element name="CabinAttributes" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">Collection of category-level cabin
attributes.</xs:documentation>
            </xs:annotation>
          </xs:complexType>
          <xs:sequence>
            <xs:element name="CabinAttribute" maxOccurs="99">
              <xs:annotation>
                <xs:documentation>List of attributes associated with all cabins in the specified
category.</xs:documentation>
              </xs:annotation>
            </xs:complexType>
            <xs:attribute name="CabinAttributeCode" type="OTA_CodeType" use="optional">
              <xs:annotation>

```

```

        <xs:documentation xml:lang="en">Specifies the type of cabin requested. Refer to OTA
Code List Cabin Filters (CBF).</xs:documentation>
    </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SelectedCabin" minOccurs="0" maxOccurs="3">
    <xs:annotation>
        <xs:documentation xml:lang="en">Specifies the selected cabin
information.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:complexContent>
            <xs:extension base="CabinOptionType">
                <xs:sequence>
                    <xs:element name="CabinAttributes" minOccurs="0">
                        <xs:annotation>
                            <xs:documentation>Collection of cabin attributes.</xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element name="CabinAttribute" maxOccurs="99">
                                    <xs:annotation>
                                        <xs:documentation>List of attributes associated with this
cabin.</xs:documentation>
                                    </xs:annotation>
                                </xs:complexType>
                                <xs:attribute name="CabinAttributeCode" type="OTA_CodeType"
use="optional">
                                    <xs:annotation>
                                        <xs:documentation xml:lang="en">Specifies the type of cabin requested.
Refer to OTA Code List Cabin Filters (CBF).</xs:documentation>
                                    </xs:annotation>
                                </xs:attribute>
                            </xs:complexType>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:extension>
        </xs:complexContent>
    </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attributeGroup ref="CruiseCategoryDetailGroup">
    <xs:annotation>
        <xs:documentation xml:lang="en">Specifities cruise category information.
</xs:documentation>
    </xs:annotation>
</xs:attributeGroup>
<xs:attribute name="WaitlistIndicator" type="xs:boolean" use="optional">
    <xs:annotation>
        <xs:documentation xml:lang="en">When true, this indicates the selected category is
waitlisted.</xs:documentation>
    </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
</xs:element>

```

## GuestType

```
<xs:complexType name="GuestType">
  <xs:annotation>
    <xs:documentation xml:lang="en">Provides information regarding the guest name and the guest's mode of
transportation.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="GuestName" type="PersonNameType" minOccurs="0">
      <xs:annotation>
        <xs:documentation xml:lang="en">Name of the guest.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="GuestTransportation" type="GuestTransportationType" minOccurs="0" maxOccurs="2">
      <xs:annotation>
        <xs:documentation xml:lang="en">Selected guest mode of transportation.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
  <xs:attributeGroup ref="GuestInfoGroup">
    <xs:annotation>
      <xs:documentation xml:lang="en">Provides information about the guest.</xs:documentation>
    </xs:annotation>
  </xs:attributeGroup>
</xs:complexType>
```



***APPENDIX B – RCL Data Dictionary***

This section will contain the RCL internal data type & size mapping for the OTA Data types.

A separate artifact with the data dictionary details is being provided with the release.

## **APPENDIX C – RCL Data Tables**

NOTE: Tables are for example only, not to be considered as current production data.

**TABLE 1 – Geographic Area Code**

Brand	Region	Description
C	ALCAN	ALASKA/CANADA/PACIFIC COAST
C	ATLCO	CANADA/NEW ENGLAND
C	AUSTL	AUSTRALIA/NEW ZEALAND
C	BAHAM	BAHAMAS
C	BERMU	BERMUDA
C	CARIB	CARIBBEAN
C	EUROP	EUROPE
C	GALAP	GALAPAGOS
C	HAWAI	HAWAII
C	MEXCO	MEXICO
C	PACIF	PACIFIC COASTAL
C	SAMER	SOUTH AMERICA
C	T.ATL	TRANSATLANTIC
C	T.PAN	PANAMA CANAL
R	ALCAN	ALASKA/CANADA/PACIFIC COAST
R	ATLCO	CANADA/NEW ENGLAND
R	AUSTL	AUSTRALIA/NEW ZEALAND
R	BAHAM	BAHAMAS
R	BERMU	BERMUDA
R	CARIB	CARIBBEAN
R	EUROP	EUROPE
R	FAR.E	ASIA
R	HAWAI	HAWAII
R	ISLAN	ISLAND HIGHLIGHTS
R	MEXCO	MEXICO
R	PACIF	PACIFIC COASTAL
R	SAMER	SOUTH AMERICA
R	T.ATL	TRANSATLANTIC
R	T.PAN	PANAMA CANAL

**TABLE 2 – Cruise Line Code**

NOTE: Tables are for example only, not to be considered as current production data.

RCL Cruise Line Code	Definition
----------------------	------------

C	CEL	Celebrity Cruises
R	RCC	Royal Caribbean International
Z	AZA	Azamara

**TABLE 3 – Ship Code – Ship Name**

NOTE: Tables are for example only, not to be considered as current production data.

Cruise Line Code	Ship Code	Ship Name
C	CN	CENTURY
C	CS	CONSTELLATION
C	GL	GALAXY
C	IN	INFINITY
C	JR	CELEBRITY JOURNEY
C	ML	MILLENNIUM
C	MR	MERCURY
C	SM	SUMMIT
C	XP	CELEBRITY XPEDITION
C	ZN	ZENITH
I	IE	ISLAND ESCAPE
I	IS	ISLAND STAR
R	AD	ADVENTURE OF THE SEAS
R	BR	BRILLIANCE OF THE SEAS
R	EN	ENCHANTMENT OF THE SEAS
R	EX	EXPLORER OF THE SEAS
R	FR	FREEDOM OF THE SEAS
R	GR	GRANDEUR OF THE SEAS
R	JW	JEWEL OF THE SEAS
R	LB	LIBERTY OF THE SEAS
R	LG	LEGEND OF THE SEAS
R	MA	MARINER OF THE SEAS
R	MJ	MAJESTY OF THE SEAS
R	MN	MONARCH OF THE SEAS
R	NE	EMPRESS OF THE SEAS
R	NV	NAVIGATOR OF THE SEAS
R	RD	RADIANCE OF THE SEAS
R	RH	RHAPSODY OF THE SEAS
R	SP	SPLENDOR OF THE SEAS
R	SR	SERENADE OF THE SEAS
R	SS	SOVEREIGN OF THE SEAS
R	VI	VISION OF THE SEAS
R	VY	VOYAGER OF THE SEAS

**TABLE 4 – Port Codes – Port Names**

NOTE: Tables are for example only, not to be considered as current production data.

Code	Port Name
ACA	ACAPULCO, MEXICO
AKL	AUCKLAND, NEW ZEALAND
AMS	AMSTERDAM, NETHERLANDS
ATH	PIRAEUS (ATHENS), GREECE
AUA	ORANJESTAD, ARUBA
BCN	BARCELONA, SPAIN
BGI	BRIDGETOWN, BARBADOS
BKK	LAEM CHABANG(BANGKOK), THA
BOM	MUMBAI (BOMBAY), INDIA
BOS	BOSTON, MASSACHUSETTS
BWI	BALTIMORE, MARYLAND
CHS	CHARLESTON, SOUTH CAROLINA
DXB	DUBAI, UNITED ARAB EMERATES
ESE	ENSENADA, MEXICO
EZE	BUENOS AIRES, ARGENTINA
FLL	FORT LAUDERDALE, FLORIDA
GAL	GALVESTON, TEXAS
GIG	RIO DE JANEIRO, BRAZIL
GOA	GENOA, ITALY
HAM	HAMBURG, GERMANY
HKG	HONG KONG
HNL	HONOLULU,OAHU, HAWAIIAN IS.
IST	ISTANBUL, TURKEY
LAG	LA GUAIRA, VENEZUELA
LAX	LOS ANGELES, CALIFORNIA
LGW	HARWICH, ENGLAND
LIS	LISBON, PORTUGAL
MBA	MOMBASA, KENYA
MIA	MIAMI, FLORIDA
MSY	NEW ORLEANS, LOUISIANA
NRT	TOKYO, JAPAN
NYC	NEW YORK, NEW YORK
PCN	PORT CANAVERAL
PEK	BEIJING, CHINA
PHF	NEWPORT NEWS, VA-MARINE TERM
PHL	PHILADELPHIA, PENNSYLVANIA
REC	RECIFE, BRAZIL
ROM	CIVITAVECCHIA, ITALY
SAN	SAN DIEGO, CALIFORNIA
SEA	SEATTLE, WASHINGTON

Code	Port Name
SFO	SAN FRANCISCO, CALIFORNIA
SIN	SINGAPORE
SJU	SAN JUAN, PUERTO RICO
SSZ	SANTOS (SAO PAULO) BRAZIL
STH	SOUTHAMPTON, ENGLAND
STN	ST. NAZAIRE, FRANCE
STO	STOCKHOLM, SWEDEN
SVN	SAVONA, ITALY
SWD	SEWARD, ALASKA
SYD	SYDNEY, AUSTRALIA
TCI	TENERIFE, CANARY ISLANDS
TKU	TURKU
TPA	TAMPA, FLORIDA
TSN	TIANJIN, CHINA
VAP	VALPARAISO, CHILE
VCE	VENICE, ITALY
YVR	VANCOUVER, BRITISH COLUMBIA

**TABLE 5 – Gateway Codes**

NOTE: Tables are for example only, not to be considered as current production data.

<b>Airport Code</b>	<b>Airport Name</b>	<b>City</b>	<b>State</b>	<b>Country Code</b>
AAR	Tirstrup	Aarhus Denmark		DNK
ABE	Allentown Bethlm	Allentown	PA	USA
ABQ	Intl Sunport	Albuquerque	NM	USA
ABZ	Dyce	Aberdeen		GBR
ACA	Alvarez Intl	Acapulco Mexico		MEX
AES	Vigra	Aalesund		NOR
AGB	Augsburg Muehlha	Augsburg		DEU
AGS	Bush Field	Augusta	GA	USA
AHO	Fertilia	Alghero		ITA
ALB	County Airport	Albany	NY	USA
ALF	Alta	Alta		NOR
ALO	Municipal	Waterloo	IA	USA
AMA	Amarillo Intl	Amarillo	TX	USA
ANC	International	Anchorage	AK	USA
AOI	Falconara	Ancona		ITA
ARN	Arlanda Airport	Stockholm		SWE
ATL	Hartsfield Intl	Atlanta	GA	USA
AUS	Robert Mueller	Austin	TX	USA
AVL	Regional	Asheville	NC	USA
AVP	Wilkes Barre Int	Wilkes Barre Scr	PA	USA
AZO	Battle Creek	Kalamazoo	MI	USA
BDA	Kindley Field	Hamilton Bermuda		BMU
BDL	Bradley Intl	Hartford	CT	USA
BDS	Papola Casale	Brindisi		ITA
BDU	Bardufoss	Bardufoss		NOR
BFS	Aldergrove Intl	Belfast N Irl		IRL
BGM	Edwin A Lin	Binghamton	NY	USA
BGO	Flesland	Bergen		NOR
BGR	Bangor Intl	Bangor	ME	USA
BHD	Harbour Airport	Belfast		GBR
BHM	Birmingham Intl	Birmingham	AL	USA
BHX	Birmingham Intl	Birmingham		GBR
BIL	Billings Airport	Billings	MT	USA
BIS	Municipal	Bismarck	ND	USA
BJX	Guanajuato Int.	Leon		MEX
BLL	Billund Airport	Billund		DNK
BLQ	Guglielmo Marcon	Bologna		ITA
BMI	Bloomington/Norm	Bloomington	IL	USA
BNA	Nashville Intl	Nashville	TN	USA

<b>Airport Code</b>	<b>Airport Name</b>	<b>City</b>	<b>State</b>	<b>Country Code</b>
BOD	Merignac	Bordeaux		FRA
BOI	Gowen Field	Boise	ID	USA
BOO	Bodo Aprt	Bodo		NOR
BOS	Logan Intl	Boston	MA	USA
BRE	Bremen Nieuenlan	Bremen		DEU
BRI	Palese Macchie	Bari		ITA
BSL	Basel Euroairprt	Basel Mulhouse		CHS
BTR	Ryan Field	Baton Rouge	LA	USA
BTV	Burlington Intl	Burlington	VT	USA
BUF	Greater Buffalo	Buffalo	NY	USA
BWI	Baltimore Intl	Baltimore Washin	MD	USA
BZN	Gallatin Field	Bozeman	MT	USA
C/U	Cities Unknown	Unknown	FL	USA
CAE	Metropolitan	Columbia	SC	USA
CAG	Elmas	Cagliari,Sardina		ITA
CAK	Akron Reginol	Canton Akron	OH	USA
CDG	Charles Degaulle	Paris		FRA
CGN	Koln Adenauer	Koln		DEU
CHA	Lovell Field	Chattanooga	TN	USA
CHO	Charlottesville	Charlottesville	VA	USA
CHS	Charleston Intl	Charleston	SC	USA
CID	Municipal	Cedar Rapids	IA	USA
CLD	Mcclellan Paloma	Carlsbad	CA	USA
CLE	Hopkins Intl	Cleveland	OH	USA
CLT	Douglas Intl	Charlotte	NC	USA
CMH	Port Columbus In	Columbus	OH	USA
CMI	U Of I Willard	Champaign Urbana	IL	USA
COS	Municipal	Colorado Springs	CO	USA
CPH	Kastrup	Copenhagen		DNK
CPR	Natrona County	Casper	WY	USA
CRP	Corpus Cristi In	Corpus Christi	TX	USA
CRW	Yeager	Charleston	WV	USA
CSG	Columbus Metro	Columbus	GA	USA
CTA	Fontanarossa	Catania		ITA
CVG	N Kentucky Intl	Cincinnati	OH	USA
CYS	Cheyenne Aprt	Cheyenne	WY	USA
DAY	James M Cox Intl	Dayton	OH	USA
DCA	Reagan National	Washington	DC	USA
DEN	Denver Intl	Denver	CO	USA
DFW	Dfw International	Dallas Ft. Worth	TX	USA
DLH	Duluth Intl	Duluth	MN	USA
DMY	Dummy Gateway	London		GBR
DRS	Dresden Airport	Dresden		DEU
DSM	Des Moines Intl	Des Moines	IA	USA



<b>Airport Code</b>	<b>Airport Name</b>	<b>City</b>	<b>State</b>	<b>Country Code</b>
DTM	Dortmund Wickede	Dortmund		DEU
DTW	Detroit Metro	Detroit	MI	USA
DUB	Dublin Airport	Dublin		IRL
DUS	Dusseldorf Intl	Dusseldorf		DEU
EDI	Turnhouse Airprt	Edinburgh		GBR
ELP	El Paso Intl	El Paso	TX	USA
ERF	Erfurt Airport	Erfurt		DEU
ERI	Erie Intl	Erie	PA	USA
EUG	Mahlon Sweet Fld	Eugene	OR	USA
EVE	Harstad-Navik	Evenes		NOR
EVV	Evansville Rgnl	Evansville	IN	USA
EWJ	Newark Intl	Newark	NJ	USA
FAR	Hector Intl	Fargo	ND	USA
FAT	Fresno Air Term.	Fresno	CA	USA
FAY	Fayetteville Rgl	Fayetteville	NC	USA
FBU	Fornebu Lufthavn	Oslo, Norway		NOR
FCO	Fiumicino Airprt	Rome		ITA
FDH	Friedrichshafen	Friedrichshafen		DEU
FLL	Ft Lauderdale Intl	Ft Lauderdale	FL	USA
FLO	Florence Rgnl	Florence	SC	USA
FLR	Peretola	Florence		ITA
FMD	Muenster	Muenster Ger		DEU
FMO	Muenster Airport	Muenster		DEU
FNT	Bishop	Flint	MI	USA
FRA	Frankfurt Intl	Frankfurt		DEU
FSD	Joe Foss Field	Sioux Falls	SD	USA
FWA	Municipal	Ft Wayne	IN	USA
GCI	Guernsey Airport	Guernsey Ci		GBR
GDL	Miguel Hidalgo	Guadalajara		MEX
GEG	Spokane Intl	Spokane	WA	USA
GEN	Gardermoen	Oslo Norway		NOR
GFK	Grand Forks Intl	Grand Forks	ND	USA
GJT	Walker Field	Grand Junction	CO	USA
GLA	Glasgow Intl	Glasgow		GBR
GOA	Colombo Cristoforo	Genoa		ITA
GOT	Landvetter	Göteborg		SWE
GRB	Straubel Intl	Green Bay	WI	USA
GRR	Kent County	Grand Rapids	MI	USA
GSO	Piedmont Triad	Greensboro	NC	USA
GSP	Greenville	Spartanburg	SC	USA
GTF	Great Falls Intl	Great Falls	MT	USA
GVA	Geneva Cointrin	Geneva		SWZ
HAI	Langenhagen	Hannover		DEU
HAM	Fuhlsbüttel	Hamburg, Germany		DEU

<b>Airport Code</b>	<b>Airport Name</b>	<b>City</b>	<b>State</b>	<b>Country Code</b>
HAU	Haugesund	Haugesund		NOR
HEL	Vantaa	Helsinki		FIN
HLN	Helena Aprt	Helena	MT	USA
HMA	Hvc Malmo City	Malmo		SWE
HNL	Honolulu Intl	Honolulu	HI	USA
HOU	Hobby Airport	Houston	TX	USA
HPN	Westchester Cnty	White Plains	NY	USA
HRL	Valley Intl	Harlingen	TX	USA
HSV	Huntsville Intl	Huntsville	AL	USA
IAD	Dulles Airport	Washington	DC	USA
IAH	Intercontinental	Houston	TX	USA
ICT	Mid Continent	Wichita	KS	USA
ILM	New Hanover Intl	Wilmington	NC	USA
IND	Indianapolis Int	Indianapolis	IN	USA
INV	Inverness Airprt	Inverness		GBR
IOM	Ronaldsway	Isle Of Man		GBR
ISP	Long Island Macr	Islip	NY	USA
JAN	Jackson Intl	Jackson	MS	USA
JAX	Jacksonville Int	Jacksonville	FL	USA
JER	States Airport	Jersey Ci		GBR
JFK	John F. Kennedy	New York City	NY	USA
JLN	Joplin Regional	Joplin	MO	USA
KEL	Holtenau	Kiel Canal		DEU
KKN	Kirkenes	Kirkenes		NOR
KRS	Kjevik	Kristiansand		NOR
KSU	Kristiansund	Kristiansund		NOR
LAN	Capital City	Lansing	MI	USA
LAS	Mccarran Intl	Las Vegas	NV	USA
LAX	Los Angeles Intl	Los Angeles	CA	USA
LBA	Leeds/Bradford	Leeds/Bradford		GBR
LBB	Lubbock Intl	Lubbock	TX	USA
LBE	Westmoreland Cty	Latrobe	PA	USA
LEJ	Schkeuditz	Leipzig		DEU
LEX	Blue Grass	Lexington	KY	USA
LGA	La Guardia	New York	NY	USA
LGW	Gatwick	London		GBR
LHR	Heathrow	London		GBR
LIN	Linate	Milan		ITA
LIT	National	Little Rock	AR	USA
LKL	Lakselv	Lakselv		NOR
LNK	Municipal	Lincoln	NE	USA
LSE	Lacrosse Muni	Lacrosse	WI	USA
LYH	Reston Glenn Fl	Lynchburg	VA	USA
LYS	Satolas	Lyon Satolas		FRA

<b>Airport Code</b>	<b>Airport Name</b>	<b>City</b>	<b>State</b>	<b>Country Code</b>
MAF	Odessa Airport	Midland	TX	USA
MAN	Manchester Intl	Manchester		GBR
MBA	Moi Intl	Mombasa		KEN
MBS	Tri City Intl	Saginaw	MI	USA
MCI	Kansas City Intl	Kansas City	MO	USA
MCO	Orlando Intl	Orlando	FL	USA
MDT	Harrisburg Intl	Harrisburg	PA	USA
MDW	Midway Airport	Chicago	IL	USA
MEM	Memphis Intl	Memphis	TN	USA
MEX	Juarez Intl	Mexico City		MEX
MFE	Miller Intl	Mcallen Mission	TX	USA
MFR	Jackson County	Medford	OR	USA
MGM	Dannelly Field	Montgomery	AL	USA
MHT	Manchester Airpt	Manchester	NH	USA
MIA	Miami Intl	Miami	FL	USA
MID	Rejon	Merida		MEX
MKE	Gen Mitchell	Milwaukee	WI	USA
MLI	Quad City	Moline	IL	USA
MLU	Monroe Rgnl	Monroe	LA	USA
MME	Teesside Intl	Teesside		GBR
MOB	Bates Field	Mobile	AL	USA
MOL	Aro	Molde		NOR
MOT	Minot Intl	Minot	ND	USA
MPL	Frejorgues	Montpellier		FRA
MRS	Marignane-Proven	Marseilles		FRA
MRY	Monterey	Monterey-Salinas	CA	USA
MSN	Dane County Rgnl	Madison	WI	USA
MSO	Johnson Bell Fld	Missoula	MT	USA
MSP	Saint Paul Intl	Minneapolis	MN	USA
MSY	New Orleans Intl	New Orleans	LA	USA
MTY	Mariano Escobedo	Monterrey		MEX
MUC	F.J. Strauss	Munich		DEU
MXP	Malpensa	Milan		ITA
MYR	Myrtle Beach	Myrtle Beach	SC	USA
NAP	Capodichino	Naples		ITA
NAS	New Providence	Nassau		BHS
NCE	Cote D Azur	Nice		FRA
NCL	Newcastle Intl	Newcastle		GBR
NQY	St Mawgan	Newquay		GBR
NTE	Nates Atlanique	Nantes		FRA
NUE	Nuremberg Airprt	Nuremberg		DEU
OAK	Metro. Oakland	Oakland	CA	USA
OKC	Will Rogers Wrld	Oklahoma City	OK	USA
OLB	Costa Smeralda	Olbia		ITA

<b>Airport Code</b>	<b>Airport Name</b>	<b>City</b>	<b>State</b>	<b>Country Code</b>
OMA	Eppey Airfield	Omaha	NE	USA
ONT	Ontario Intl	Ontario	CA	USA
ORD	O'hare Intl	Chicago	IL	USA
ORF	Norfolk Intl	Norfolk	VA	USA
ORH	Worcester Muni	Worcester	MA	USA
ORY	Orly Airport	Paris		PAR
OSL	Oslo Airport	Oslo		NOR
PAD	Paderborn Airprt	Paderborn		DEU
PBI	Palm Beach Intl	West Palm Beach	FL	USA
PDX	Portland Intl	Portland Oregon	OR	USA
PHF	Newport News Int	Newport News	VA	USA
PHL	Philadelphia Int	Philadelphia	PA	USA
PHX	Sky Harbor Intl	Phoenix	AZ	USA
PIA	Greater Peoria R	Peoria	IL	USA
PIT	Pittsburgh Intl	Pittsburgh	PA	USA
PLH	Roborough Airpor	Plymouth		GBR
PMO	Punta Raisi	Palermo		ITA
PNS	Pensacola Rgnl	Pensacola	FL	USA
PSA	Pisa Gal Galilei	Pisa		ITA
PSP	Palm Springs Rgn	Palm Springs	CA	USA
PVD	T F Green State	Providence	RI	USA
PWM	Portland Intl	Portland Maine	ME	USA
RAP	Rapid City Reg	Rapid City	SD	USA
RDU	Raleigh Durham I	Raleigh Durham	NC	USA
REG	T Menniti	Reggio Calabria		ITA
RIC	Richmond Intl	Richmond	VA	USA
RNO	Reno Tahoe Intl	Reno	NV	USA
ROA	Roanoke Regional	Roanoke	VA	USA
ROC	Monroe County	Rochester	NY	USA
RRS	Roros	Roros		NOR
RST	Rochester Munici	Rochester	MN	USA
RSW	S W Flordia Intl	Ft. Myers	FL	USA
SAN	Lindbergh Intl	San Diego	CA	USA
SAT	San Antonio Intl	San Antonio	TX	USA
SAV	Savannah Intl	Savannah	GA	USA
SBA	Santa Barbara Mu	Santa Barbara	CA	USA
SBN	Michiana Region	South Bend	IN	USA
SBY	Salisbury County	Salisbury	MD	USA
SDF	Standiford Field	Louisville	KY	USA
SEA	Seattle Tacoma	Seattle	WA	USA
SFO	Sanfrancisco Int	San Francisco	CA	USA
SGF	Springfield Rgnl	Springfield	MO	USA
SHV	Shreveport Rgnl	Shreveport	LA	USA
SJC	San John Intl	San John	CA	USA

<b>Airport Code</b>	<b>Airport Name</b>	<b>City</b>	<b>State</b>	<b>Country Code</b>
SJU	Luis Munoz Marin	San Juan		PRI
SLC	Salt Lake Intl	Salt Lake City	UT	USA
SMF	Sacramento Metro	Sacramento	CA	USA
SNA	John Wayne	Orange County	CA	USA
SPI	Capital	Springfield	IL	USA
SRQ	Sarasota Intl	Sarsta/Bradentwn	FL	USA
STL	Lambert Intl	St. Louis	MO	USA
STR	Echterdingen	Stuttgart		DEU
SUF	South Eufemia	Lamezia Terme		ITA
SUX	Sioux Gateway	Sioux City	IA	USA
SVG	Sola	Stavanger		NOR
SWF	Stewart	Newburgh	NY	USA
SXB	Entzheim	Strasbourg		FRA
SYR	Hancock Intl	Syracuse	NY	USA
TLH	Tallahassee Rgnl	Tallahassee	FL	USA
TLS	Blagnac	Toulouse		FRA
TOL	Toledo Express	Toledo	OH	USA
TOS	Tromso Langnes	Tromso		NOR
TPA	Tampa Intl	Tampa	FL	USA
TRC	Torreon Aprt	Torreon		MEX
TRD	Vaernes	Trondheim		NOR
TRF	Sandefjord	Oslo		NOR
TRI	Tri City Reginol	Bristol Kingsprt	TN	USA
TRN	Citta Di Torino	Turin		ITA
TRS	Dei Legionari	Trieste		ITA
TUL	Tulsa Intl	Tulsa	OK	USA
TUS	Tucson Intl	Tucson	AZ	USA
TXL	Tegel	Berlin		DEU
TYS	Mcghee Tyson	Knoxville	TN	USA
VCE	Marco Polo	Venice		ITA
VIE	Vienna Intl	Vienna		AUS
VRN	Verona Airport	Verona		ITA
XNA	Nw Arkansas Rgnl	Fayetteville	AR	USA
YEG	Edmonton Intl	Edmonton Alberta		CAN
YFC	Fredericton Arpt	Fredericton N.B.		CAN
YHZ	Halifax Intl	Halifax		CAN
YOW	Ottawa Internatl	Ottawa Ontario		CAN
YQB	Quebec Airport	Quebec		CAN
YQM	Moncton Airport	Moncton N.B.		CAN
YQR	Regina Airport	Regina Saskatchn		CAN
YSJ	St John Airport	St John New Brnw		CAN
YUL	Dorval Intl	Montreal Quebec		CAN
YVR	Vancouver Intl	Vancouver B C		CAN
YWG	Winnipeg Intl	Winnipeg Mantoba		CAN

<b>Airport Code</b>	<b>Airport Name</b>	<b>City</b>	<b>State</b>	<b>Country Code</b>
YXE	Saskatoon Arpt	Saskatoon		CAN
YYC	Calgary Intl	Calgary Alberta		CAN
YYG	Charlottetown Apt	Charlottetown		CAN
YYJ	Victoria Intl	Victoria Bc		CAN
YYT	Saint Johns Arpt	Saint Johns Nf		CAN
YYZ	Pearson Intl	Toronto		CAN
ZRH	Zurich Airport	Zurich		CHS

### TABLE 6 – Cabin Attributes

NOTE: Tables are for example only, not to be considered as current production data.

<b>Code</b>	<b>Description</b>
2LWR	2 lower twin beds
3LWR	3 lower twin beds
4LWR	4 lower twin beds may convert to 1 or 2 queens
CONV	2 lower twin beds may convert to queen
CRIB	Cribs
DBED	Double Bed
HDCP	Handicap - details are in cabin description
KING	2 lower full beds may convert to king
QBED	Queen Size Bed
ROLL	Rollaway Bed
UPLW	1 lower bed and 1 pullman upper

**TABLE 7 – Cabin Category Codes By Ship**

NOTE: Tables are for example only, not to be considered as current production data.

Ship Code	Cabin Category Code	Description	In / Out
AD	A	SB OWNERS	O
AD	AA	SB FAMILY	O
AD	B	SB GRAND	O
AD	C	SB SUPERIOR	O
AD	CR	CREW CABINS	X
AD	DA	B DELUXE	O
AD	DB	B DELUXE	O
AD	D1	B SUP BALC	O
AD	D2	B SUP BALC	O
AD	D3	B SUP BALC	O
AD	D6	B SUPERIOR	O
AD	D7	B SUPERIOR	O
AD	D8	B SUPERIOR	O
AD	D9	B SUPERIOR	O
AD	E	O/V FML SR	O
AD	E1	B DLX BALC	O
AD	E2	B DLX BALC	O
AD	F	O/V LG SR	O
AD	FO	O/V FAM SR	O
AD	FS	SB FAMILYSTE	O
AD	GS	SB GRAND STE	O
AD	H	O/V SR	O
AD	I	O/V SR	O
AD	JS	SB JUNIORSTE	O
AD	L	INSIDE SR	I
AD	M	INSIDE SR	I
AD	N	INSIDE SR	I
AD	O	INSIDE SR	I
AD	OS	SB OWNERSSTE	O
AD	P	INSIDE SR	I
AD	PR	I/S PROM SR	I
AD	Q	INSIDE SR	I
AD	R	SB ROYAL	O
AD	RS	SB ROYAL STE	O
AD	TR	ATRIUM SR	I
AD	W	GTY DELUXE	X
AD	X	GTY BL	X
AD	Y	GTY OV	X

Ship Code	Cabin Category Code	Description	In / Out
AD	Z	GTY IS	X
BR	A	SB OWNERS	O
BR	AA	SB FAMILY	O
BR	B	SB GRAND	O
BR	C	SB SUPERIOR	O
BR	CR	CREW CABINS	X
BR	D	B DELUXE	O
BR	D1	B SUP BALC	O
BR	E1	B DLX BALC	O
BR	E2	B DLX BALC	O
BR	E3	B DLX BALC	O
BR	F	O/V LG SR	O
BR	FF	O/V FML SR	O
BR	FO	O/V FAM SR	O
BR	FS	SB FAMILYSTE	O
BR	G	O/V LG SR	O
BR	GS	SB GRAND STE	O
BR	H	O/V LG SR	O
BR	I	O/V LG SR	O
BR	JS	SB JUNIORSTE	O
BR	L	INSIDE SR	I
BR	M	INSIDE SR	I
BR	N	INSIDE SR	I
BR	O	INSIDE SR	I
BR	OS	SB OWNERSSTE	O
BR	P	INSIDE SR	I
BR	Q	INSIDE SR	I
BR	R	SB ROYAL	O
BR	RS	SB ROYAL STE	O
BR	W	Junior Suite	X
BR	X	GTY BL	X
BR	Y	Large Oceanv	X
BR	Z	Interior Sta	X
CN	CC	O CONCIERGE	O
CN	CR	CREW CABINS	X
CN	FV	V LG OCEAN	O
CN	NS	SV CENTRYSTE	O
CN	PS	SV PENTHOUSE	O
CN	RS	SV ROYAL	O
CN	SS	SV SKY	O
CN	SV	V SUNSET VER	O
CN	W	SUITE GTY	X
CN	X	VERANDA GTY	X



Ship Code	Cabin Category Code	Description	In / Out
CN	Y	Ocean View S	X
CN	Z	Inside State	X
CN	01	SV	O
CN	02	SV DLX MINI	O
CN	03	O/V SR	O
CN	04	O/V SR	O
CN	05	O/V SR	O
CN	06	O/V SR	O
CN	07	O/V SR	O
CN	08	O/V SR	O
CN	09	INSIDE SR	I
CN	10	INSIDE SR	I
CN	11	INSIDE SR	I
CN	12	INSIDE SR	I
CN	2A	V PREM VER	O
CS	CC	V CONCIERGE	O
CS	CR	CREW CABINS	X
CS	CS	S CELEBRITY	O
CS	FV	V LG OCEAN	O
CS	PS	SV PENTHOUSE	O
CS	RS	SV ROYAL	O
CS	SS	SV SKY	O
CS	W	Sky Suite -	X
CS	X	Deluxe Ocean	X
CS	Y	Ocean View S	X
CS	Z	Inside State	X
CS	03	V LG OCEAN	O
CS	04	O/V SR	O
CS	05	O/V SR	O
CS	06	O/V SR	O
CS	07	O/V SR	O
CS	08	O/V SR	O
CS	09	INSIDE SR	I
CS	1A	V PREMIUM	O
CS	1B	V PREMIUM	O
CS	1C	V PREMIUM	O
CS	10	INSIDE SR	I
CS	11	INSIDE SR	I
CS	12	INSIDE SR	I
CS	2A	V DLX	O
CS	2B	V DLX	O
CS	2C	V DLX	O
EN	A	SB OWNERS	O

Ship Code	Cabin Category Code	Description	In / Out
EN	AA	SB FAMILY	O
EN	B	SB GRAND	O
EN	C	SB SUPERIOR	O
EN	CR	CREW CABINS	X
EN	D	B SUPERIOR	O
EN	D1	B SUP BALC	O
EN	F	O/V LG SR	O
EN	FI	FAMILY INT	I
EN	FO	FAMILY O/V	O
EN	FS	SB FAMILYTE	O
EN	G	O/V LG SR	O
EN	GS	SB GRAND STE	O
EN	H	O/V LG SR	O
EN	I	O/V LG SR	O
EN	JS	SB JUNIORSTE	O
EN	K	I/S LG SR	I
EN	L	I/S LG SR	I
EN	M	INSIDE SR	I
EN	N	INSIDE SR	I
EN	O	INSIDE SR	I
EN	OS	SB OWNERSSTE	O
EN	P	INSIDE SR	I
EN	Q	INSIDE SR	I
EN	R	SB ROYAL	O
EN	RS	SB ROYAL STE	O
EN	S	SINGLE GTY	X
EN	SH	SHARE GTY	X
EN	W	GTY DELUXE	X
EN	X	GTY BL	X
EN	Y	GTY OV	X
EN	Z	Interior Sta	X
EX	A	SB OWNERS	O
EX	AA	SB FAMILY	O
EX	B	SB GRAND	O
EX	C	SB SUPERIOR	O
EX	CR	CREW CABINS	X
EX	DA	B DELUXE	O
EX	DB	B DELUXE	O
EX	D1	B SUP BALC	O
EX	D2	B SUP BALC	O
EX	D3	B SUP BALC	O
EX	D6	B SUPERIOR	O
EX	D7	B SUPERIOR	O

Ship Code	Cabin Category Code	Description	In / Out
EX	D8	B SUPERIOR	O
EX	D9	B SUPERIOR	O
EX	E	O/V FMLY SR	O
EX	E1	B DLX BALC	O
EX	E2	B DLX BALC	O
EX	F	O/V LG SR	O
EX	FO	O/V FAM SR	O
EX	FS	SB FAMILYSTE	O
EX	GS	SB GRAND STE	O
EX	H	O/V SR	O
EX	I	O/V SR	O
EX	JS	SB JUNIORSTE	O
EX	L	INSIDE SR	I
EX	M	INSIDE SR	I
EX	N	INSIDE SR	I
EX	O	INSIDE SR	I
EX	OS	SB OWNERSSTE	O
EX	P	INSIDE SR	I
EX	PR	I/S PROM SR	I
EX	Q	INSIDE SR	I
EX	R	SB ROYAL	O
EX	RS	SB ROYAL STE	O
EX	TR	ATRIUM SR	I
EX	W	GTY DELUXE	X
EX	X	GTY BL	X
EX	Y	GTY OV	X
EX	Z	GTY IS	X
FR	CR	CREW CABINS	X
FR	D1	B SUP BALC	O
FR	D2	B SUP BALC	O
FR	E1	B DLX BALC	O
FR	E2	B DLX BALC	O
FR	F	O/V LG SR	O
FR	FI	I/S FAMCABIN	I
FR	FO	O/V FAM SR	O
FR	FS	SB FAMILYSTE	O
FR	GS	SB GRAND STE	O
FR	H	O/V SR	O
FR	I	O/V SR	O
FR	JS	SB JUNIORSTE	O
FR	L	INSIDE SR	I
FR	M	INSIDE SR	I
FR	N	INSIDE SR	I

Ship Code	Cabin Category Code	Description	In / Out
FR	OS	SB OWNERSSTE	O
FR	PR	I/S PROM SR	I
FR	PS	PRESIDENT FS	O
FR	Q	INSIDE SR	I
FR	RS	SB ROYAL STE	O
FR	X	GTY BL	X
FR	Y	GTY OUTSIDE	X
FR	Z	GTY INSIDE	X
GL	CC	V CONCIERGE	O
GL	CR	CREW CABINS	X
GL	FO	O/V DLX SR	O
GL	PS	SV PENTHOUSE	O
GL	RS	SV ROYAL	O
GL	SS	SV SKY	O
GL	W	SKY SUITE	X
GL	X	Premium Ocea	X
GL	Y	Ocean View S	X
GL	Z	Inside State	X
GL	01	SV	O
GL	02	V PREMIUM	O
GL	03	O/V DLX SR	O
GL	04	O/V DLX SR	O
GL	05	O/V DLX SR	O
GL	06	O/V SR	O
GL	07	O/V SR	O
GL	08	O/V SR	O
GL	09	INSIDE SR	I
GL	10	INSIDE SR	I
GL	11	INSIDE SR	I
GL	12	INSIDE SR	I
GL	2A	V PREM VER	O
GR	A	SB OWNERS	O
GR	AA	SB FAMILY	O
GR	B	SB GRAND	O
GR	C	SB SUPERIOR	O
GR	CR	CREW CABINS	X
GR	D	B SUPERIOR	O
GR	D1	B SUP BALC	O
GR	F	O/V LG SR	O
GR	FS	SB FAMILYSTE	O
GR	G	O/V LG SR	O
GR	GS	SB GRAND STE	O
GR	H	O/V LG SR	O

Ship Code	Cabin Category Code	Description	In / Out
GR	I	O/V LG SR	O
GR	JS	SB JUNIORSTE	O
GR	K	I/S LG SR	I
GR	L	I/S LG SR	I
GR	M	INSIDE SR	I
GR	N	INSIDE SR	I
GR	O	INSIDE SR	I
GR	OS	SB OWNERSSTE	O
GR	P	INSIDE SR	I
GR	Q	INSIDE SR	I
GR	R	SB ROYAL	O
GR	RS	SB ROYAL STE	O
GR	S	SINGLE GTY	X
GR	SH	SHARE GTY	X
GR	W	GTY DELUXE	X
GR	X	GTY BL	X
GR	Y	GTY OV	X
GR	Z	Interior Sta	X
IE	A	CS FLAMINGO	O
IE	B	DS GOLDEN	O
IE	B1	DS GOLDEN	O
IE	C	DO GOLDEN	O
IE	CR	CREW CABINS	X
IE	D	PR MANY	O
IE	F	SO MANY	O
IE	G	SO MANY	O
IE	H	SO BRONZE	O
IE	I	SO AQUA	O
IE	IS	IS GOLDEN	O
IE	K	SI MANY	I
IE	L	SI DIAMOND	I
IE	M	SI CORAL	I
IE	N	SI CORAL	I
IE	O	SI BRONZE	I
IE	P	SI AQUA	I
IE	Q	SI CORAL	I
IE	S	SINGLE GTY	X
IE	W	GTY CATEGORY	X
IE	X	GTY CATEGORY	X
IE	Y	GTY CATEGORY	X
IE	Z	GTY CATEGORY	X
IN	CC	V CONCIERGE	O
IN	CR	CREW CABINS	X

Ship Code	Cabin Category Code	Description	In / Out
IN	CS	S CELEBRITY	O
IN	FV	V LG OCEAN	O
IN	PS	SV PENTHOUSE	O
IN	RS	SV ROYAL	O
IN	SS	SV SKY	O
IN	W	Sky Suite -	X
IN	X	Deluxe Ocean	X
IN	Y	Ocean View S	X
IN	Z	Inside State	X
IN	03	V LG OCEAN	O
IN	04	O/V SR	O
IN	05	O/V SR	O
IN	06	O/V SR	O
IN	07	O/V SR	O
IN	08	O/V SR	O
IN	09	INSIDE SR	I
IN	1A	V PREMIUM	O
IN	1B	V PREMIUM	O
IN	1C	V PREMIUM	O
IN	10	INSIDE SR	I
IN	11	INSIDE SR	I
IN	12	INSIDE SR	I
IN	2A	V DLX	O
IN	2B	V DLX	O
IN	2C	V DLX	O
IS	A	CS MANY	O
IS	B	DS MANY	O
IS	B1	DS GOLDEN	O
IS	C	DO SAPHIRE	O
IS	CR	CREW CABINS	X
IS	D	PR SAPHIRE	O
IS	F	SO GOLDEN	O
IS	G	SO MANY	O
IS	H	SO BRONZE	O
IS	I	SO AQUA	O
IS	IS	IS PLATINUM	O
IS	JS	JS SAPHIRE	O
IS	K	SI MANY	I
IS	L	SI DIAMOND	I
IS	M	SI CORAL	I
IS	N	SI BRONZE	I
IS	Q	SI AQUA	I
IS	W	GTY CATEGORY	X

Ship Code	Cabin Category Code	Description	In / Out
IS	Y	GTY CATEGORY	X
IS	Z	GTY CATEGORY	X
JR	CC	V CONCIERGE	O
JR	CR	CREW CABIN	X
JR	PS	SV PENTHOUSE	O
JR	RS	SV ROYAL	O
JR	SS	SV SKY	O
JR	SV	V SUNSET VER	O
JR	W	DELUXE	X
JR	X	VERANDA	X
JR	Y	Oceanview	X
JR	Z	INSIDE	X
JR	04	O/V SR	O
JR	05	O/V SR	O
JR	06	O/V SR	O
JR	07	O/V SR	O
JR	08	O/V SR	O
JR	09	INSIDE SR	I
JR	10	INSIDE SR	I
JR	11	INSIDE SR	I
JR	12	INSIDE SR	I
JR	2A	V PREM VER	O
JW	A	SB OWNERS	O
JW	AA	SB FAMILY	O
JW	B	SB GRAND	O
JW	C	SB SUP	O
JW	CR	CREW CABINS	X
JW	D	B DELUXE	O
JW	D1	B SUP BALC	O
JW	E1	B DLX BALC	O
JW	E2	B DLX BALC	O
JW	E3	B DLX BALC	O
JW	F	O/V LG SR	O
JW	FF	O/V FML SR	O
JW	FO	O/V FAM SR	O
JW	FS	SB FAMILYSTE	O
JW	G	O/V LG SR	O
JW	GS	SB GRAND STE	O
JW	H	O/V LG SR	O
JW	I	O/V LG SR	O
JW	JS	SB JUNIORSTE	O
JW	L	INSIDE SR	I
JW	M	INSIDE SR	I

Ship Code	Cabin Category Code	Description	In / Out
JW	N	INSIDE SR	I
JW	O	INSIDE SR	I
JW	OS	SB OWNERSSTE	O
JW	P	INSIDE SR	I
JW	Q	INSIDE SR	I
JW	R	SB ROYAL	O
JW	RS	SB ROYAL STE	O
JW	W	GTY DELUXE	X
JW	X	GTY BL	X
JW	Y	GTY OV	X
JW	Z	GTY IS	X
LB	CR	CREW CABINS	X
LB	D1	B SUP BALC	O
LB	D2	B SUP BALC	O
LB	E1	B DLX BALC	O
LB	E2	B DLX BALC	O
LB	F	O/V LG SR	O
LB	FI	I/S FAMCABIN	I
LB	FO	O/V FAM SR	O
LB	FS	SB FAMILYSTE	O
LB	GS	SB GRAND STE	O
LB	H	O/V SR	O
LB	I	O/V SR	O
LB	JS	SB JUNIORSTE	O
LB	L	INSIDE SR	I
LB	M	INSIDE SR	I
LB	N	INSIDE SR	I
LB	OS	SB OWNERSSTE	O
LB	PR	I/S PROM SR	I
LB	PS	PRESIDENT FS	O
LB	Q	INSIDE SR	I
LB	RS	SB ROYAL STE	O
LB	X	GTY BL	X
LB	Y	GTY OUTSIDE	X
LB	Z	GTY INSIDE	X
LG	A	SB OWNERS	O
LG	AA	SB FAMILY	O
LG	B	SB GRAND	O
LG	C	SB SUPERIOR	O
LG	CR	CREW CABINS	X
LG	D	B SUPERIOR	O
LG	D1	B SUP BALC	O
LG	F	O/V LG SR	O



Ship Code	Cabin Category Code	Description	In / Out
LG	FS	SB FAMILYSTE	O
LG	G	O/V LG SR	O
LG	GS	SB GRAND STE	O
LG	H	O/V LG SR	O
LG	I	O/V LG SR	O
LG	J	INSIDE SUP	I
LG	JS	SB JUNIORSTE	O
LG	K	INSIDE LG	I
LG	L	INSIDE LG	I
LG	M	INSIDE SR	I
LG	N	INSIDE SR	I
LG	O	INSIDE SR	I
LG	OS	SB OWNERSSTE	O
LG	P	INSIDE SR	I
LG	Q	INSIDE SR	I
LG	R	SB ROYAL	O
LG	RS	SB ROYAL STE	O
LG	S	SINGLE GTY	X
LG	SH	SHARE GTY	X
LG	W	GTY DELUXE	X
LG	X	GTY BL	X
LG	Y	GTY OV	X
LG	Z	GTY IS	X
MA	A	SB OWNERS	O
MA	AA	SB FAMILY	O
MA	B	SB GRAND	O
MA	C	SB SUPERIOR	O
MA	CR	CREW CABINS	X
MA	D1	B SUP BALC	O
MA	D2	B SUP BALC	O
MA	D3	B SUP BALC	O
MA	E1	B DLX BALC	O
MA	E2	B DLX BALC	O
MA	F	O/V LG SR	O
MA	FF	O/V FMLY SR	O
MA	FO	O/V FAM SR	O
MA	FS	SB FAMILYSTE	O
MA	GS	SB GRAND STE	O
MA	H	O/V SR	O
MA	I	O/V SR	O
MA	JS	SB JUNIORSTE	O
MA	L	INSIDE SR	I
MA	M	INSIDE SR	I

Ship Code	Cabin Category Code	Description	In / Out
MA	N	INSIDE SR	I
MA	O	INSIDE SR	I
MA	OS	SB OWNERSSTE	O
MA	P	INSIDE SR	I
MA	PR	I/S PROM SR	I
MA	Q	INSIDE SR	I
MA	R	SB ROYAL	O
MA	RS	SB ROYAL STE	O
MA	TR	ATRIUM SR	I
MA	W	GTY DELUXE	X
MA	X	GTY BL	X
MA	Y	GTY OV	X
MA	Z	GTY IS	X
MJ	A	SB OWNERS	O
MJ	B	SB GRAND	O
MJ	C	SB SUPERIOR	O
MJ	CR	CREW CABINS	X
MJ	D	O/V LG SR	O
MJ	F	O/V SR	O
MJ	FS	SB FAMILYSTE	O
MJ	F1	O/V SR	O
MJ	F2	O/V SR	O
MJ	G	O/V SR	O
MJ	GS	SB GRAND STE	B
MJ	H	O/V SR	O
MJ	I	O/V SR	O
MJ	JS	SB JUNIORSTE	O
MJ	K	INSIDE SR	I
MJ	L	INSIDE SR	I
MJ	M	INSIDE SR	I
MJ	N	INSIDE SR	I
MJ	O	INSIDE SR	I
MJ	OS	SB OWNERSSTE	O
MJ	P	INSIDE SR	I
MJ	Q	INSIDE SR	I
MJ	R	SB ROYAL	O
MJ	RS	SB ROYAL STE	O
MJ	S	SINGLE GTY	X
MJ	SH	SHARE GTY	X
MJ	SO	O/V SUP	O
MJ	W	SO-OR HIGHER	X
MJ	X	D OR HIGHER	X
MJ	Y	GTY OV	X

Ship Code	Cabin Category Code	Description	In / Out
MJ	Z	Interior Sta	X
ML	CC	V CONCIERGE	O
ML	CR	CREW CABINS	X
ML	CS	S CELEBRITY	O
ML	FV	V LG OCEAN	O
ML	PS	SV PENTHOUSE	O
ML	RS	SV ROYAL	O
ML	SS	SV SKY	O
ML	W	Sky Suite -	X
ML	X	Deluxe Ocean	X
ML	Y	Ocean View S	X
ML	Z	Inside State	X
ML	03	V LG OCEAN	X
ML	04	O/V SR	O
ML	05	O/V SR	O
ML	06	O/V SR	O
ML	07	O/V SR	O
ML	08	O/V SR	O
ML	09	INSIDE SR	I
ML	1A	V PREMIUM	O
ML	1B	V PREMIUM	O
ML	1C	V PREMIUM	O
ML	10	INSIDE SR	I
ML	11	INSIDE SR	I
ML	12	INSIDE SR	I
ML	2A	V DLX	O
ML	2B	V DLX	O
ML	2C	V DLX	O
MN	A	SB OWNERS	O
MN	B	SB GRAND	O
MN	C	SB SUPERIOR	O
MN	CR	CREW CABINS	X
MN	D	O/V LG SR	O
MN	F	O/V SR	O
MN	FS	SB FAMILYSTE	O
MN	F1	O/V SR	O
MN	F2	O/V SR	O
MN	G	O/V SR	O
MN	GS	SB GRAND STE	O
MN	H	O/V SR	O
MN	I	O/V SR	O
MN	JS	SB JUNIORSTE	O
MN	K	INSIDE SR	I

Ship Code	Cabin Category Code	Description	In / Out
MN	L	INSIDE SR	I
MN	M	INSIDE SR	I
MN	N	INSIDE SR	I
MN	O	INSIDE SR	I
MN	OS	SB OWNERSSTE	O
MN	P	INSIDE SR	I
MN	Q	INSIDE SR	I
MN	R	SB ROYAL	O
MN	RS	SB ROYAL STE	O
MN	S	SINGLE GTY	X
MN	SH	SHARE GTY	X
MN	SO	O/V SUP	O
MN	W	SO-OR HIGHER	X
MN	X	D OR HIGHER	X
MN	Y	GTY OV	X
MN	Z	Interior Sta	X
MR	CC	V CONCIERGE	O
MR	CR	CREW CABINS	X
MR	FO	O/V DLX SR	O
MR	PS	SV PENTHOUSE	O
MR	RS	SV ROYAL	O
MR	SS	SV SKY	O
MR	W		X
MR	X		X
MR	Y	Ocean View S	X
MR	Z	Inside State	X
MR	01	SV	O
MR	02	V PREMIUM	O
MR	03	O/V DLX SR	O
MR	04	O/V DLX SR	O
MR	05	O/V DLX SR	O
MR	06	O/V SR	O
MR	07	O/V SR	O
MR	08	O/V SR	O
MR	09	INSIDE SR	I
MR	10	INSIDE SR	I
MR	11	INSIDE SR	I
MR	12	INSIDE SR	I
MR	2A	V PREM VER	O
NE	A	SB OWNERS	O
NE	B	SB GRAND	O
NE	C	SB SUPERIOR	O
NE	CR	CREW CABINS	X

Ship Code	Cabin Category Code	Description	In / Out
NE	D	BALCONY SR	O
NE	D1	BALCONY	B
NE	F	O/V SR	O
NE	G	O/V SR	O
NE	H	O/V SR	O
NE	I	O/V SR	O
NE	II	SM O/V SR	O
NE	JS	SB JUNIORSTE	O
NE	K	INSIDE SR	I
NE	L	INSIDE SR	I
NE	M	INSIDE SR	I
NE	N	INSIDE SR	I
NE	O	INSIDE SR	I
NE	OS	SB OWNERSSTE	O
NE	P	INSIDE SR	I
NE	Q	INSIDE SR	I
NE	R	SB ROYAL	O
NE	RS	SB ROYAL STE	O
NE	S	SINGLE GTY	X
NE	SH	SHARE GTY	X
NE	SO	O/V SUP	O
NE	W	SO OR HIGHER	X
NE	X	D1 OR HIGHER	X
NE	Y	GTY OV	X
NE	Z	GTY IS	X
NV	A	SB OWNERS	O
NV	AA	SB FAMILY	O
NV	B	SB GRAND	O
NV	C	SB SUPERIOR	O
NV	CR	CREW CABINS	X
NV	DA	B DELUXE	O
NV	DB	B DELUXE	O
NV	D1	B SUP BALC	O
NV	D2	B SUP BALC	O
NV	D3	B SUP BALC	O
NV	D6	B SUPERIOR	O
NV	D7	B SUPERIOR	O
NV	D8	B SUPERIOR	O
NV	D9	B SUPERIOR	O
NV	E	O/V FMLY SR	O
NV	E1	B DLX BALC	O
NV	E2	B DLX BALC	O
NV	F	O/V LG SR	O

Ship Code	Cabin Category Code	Description	In / Out
NV	FO	O/V FAM SR	O
NV	FS	SB FAMILYSTE	O
NV	GS	SB GRAND STE	O
NV	H	O/V SR	O
NV	I	O/V SR	O
NV	JS	SB JUNIORSTE	O
NV	L	INSIDE SR	I
NV	M	INSIDE SR	I
NV	N	INSIDE SR	I
NV	O	INSIDE SR	I
NV	OS	SB OWNERSSTE	O
NV	P	INSIDE SR	I
NV	PR	I/S PROM SR	I
NV	Q	INSIDE SR	I
NV	R	SB ROYAL	O
NV	RS	SB ROYAL STE	O
NV	TR	ATRIUM SR	I
NV	W	GTY DELUXE	X
NV	X	GTY BL	X
NV	Y	GTY OV	X
NV	Z	GTY IS	X
RD	A	SB OWNERS	O
RD	AA	SB FAMILY	O
RD	B	SB GRAND	O
RD	C	SB SUPERIOR	O
RD	CR	CREW CABINS	X
RD	D	B DELUXE	O
RD	D1	B SUP BALC	O
RD	E1	B DLX BALC	O
RD	E2	B DLX BALC	O
RD	E3	B DLX BALC	O
RD	F	O/V LG SR	O
RD	FF	O/V FMLY SR	O
RD	FO	O/V FAM SR	O
RD	FS	SB FAMILYSTE	O
RD	G	O/V LG SR	O
RD	GS	SB GRAND STE	O
RD	H	O/V LG SR	O
RD	I	O/V LG SR	O
RD	JS	SB JUNIORSTE	O
RD	L	INSIDE SR	I
RD	M	INSIDE SR	I
RD	N	INSIDE SR	I

Ship Code	Cabin Category Code	Description	In / Out
RD	O	INSIDE SR	I
RD	OS	SB OWNERSSTE	O
RD	P	INSIDE SR	I
RD	Q	INSIDE SR	I
RD	R	SB ROYAL	O
RD	RS	SB ROYAL STE	O
RD	W	GTY DELUXE	X
RD	X	GTY BL	X
RD	Y	GTY OV	X
RD	Z	GTY IS	X
RH	A	SB OWNERS	O
RH	AA	SB FAMILY	O
RH	B	SB GRAND	O
RH	C	SB SUPERIOR	O
RH	CR	CREW CABINS	X
RH	D	B SUPERIOR	O
RH	D1	B SUP BALC	O
RH	E	O/V FMLY SR	O
RH	F	O/V LG SR	O
RH	FF	O/V FMLY SR	O
RH	FO	FAMILY O/V	O
RH	FS	SB FAMILYSTE	O
RH	G	O/V LG SR	O
RH	GS	SB GRAND STE	O
RH	H	O/V LG SR	O
RH	I	O/V LG SR	O
RH	J	I/S SUP SR	I
RH	JS	SB JUNIORSTE	O
RH	K	I/S LG SR	I
RH	L	I/S LG SR	I
RH	M	INSIDE SR	I
RH	N	INSIDE SR	I
RH	O	INSIDE SR	I
RH	OS	SB OWNERSSTE	O
RH	P	INSIDE SR	I
RH	Q	INSIDE SR	I
RH	R	SB ROYAL	O
RH	RS	SB ROYAL STE	O
RH	S	SINGLE GTY	X
RH	SH	SHARE GTY	X
RH	W	GTY DELUXE	X
RH	X	GTY BL	X
RH	Y	GTY OV	X

Ship Code	Cabin Category Code	Description	In / Out
RH	Z	GTY IS	X
SM	CC	V CONCIERGE	O
SM	CR	CREW CABINS	X
SM	CS	S CELEBRITY	O
SM	FV	V LG OCEAN	O
SM	PS	SV PENTHOUSE	O
SM	RS	SV ROYAL	O
SM	SS	SV SKY	O
SM	W	Sky Suite -	X
SM	X	Deluxe Ocean	X
SM	Y	Ocean View S	X
SM	Z	Inside State	X
SM	03	V LG OCEAN	O
SM	04	O/V SR	O
SM	05	O/V SR	O
SM	06	O/V SR	O
SM	07	O/V SR	O
SM	08	O/V SR	O
SM	09	INSIDE SR	I
SM	1A	V PREMIUM	O
SM	1B	V PREMIUM	O
SM	1C	V PREMIUM	O
SM	10	INSIDE SR	I
SM	11	INSIDE SR	I
SM	12	INSIDE SR	I
SM	2A	V DLX	O
SM	2B	V DLX	O
SM	2C	V DLX	O
SP	A	SB OWNERS	O
SP	AA	SB FAMILY	O
SP	B	SB GRAND	O
SP	C	SB SUPERIOR	O
SP	CR	CREW CABINS	X
SP	D	B SUPERIOR	O
SP	D1	B SUP BALC	O
SP	F	O/V LG SR	O
SP	FS	SB FAMILYSTE	O
SP	G	O/V LG SR	O
SP	GS	SB GRAND STE	O
SP	H	O/V LG SR	O
SP	I	O/V LG SR	O
SP	J	INSIDE SUP	I
SP	JS	SB JUNIORSTE	O



Ship Code	Cabin Category Code	Description	In / Out
SP	K	INSIDE LG	I
SP	L	INSIDE LG	I
SP	M	INSIDE SR	I
SP	N	INSIDE SR	I
SP	O	INSIDE SR	I
SP	OS	SB OWNERSSTE	O
SP	P	INSIDE SR	I
SP	Q	INSIDE SR	I
SP	R	SB ROYAL	O
SP	RS	SB ROYAL STE	O
SP	S	SINGLE GTY	X
SP	SH	SHARE GTY	X
SP	W	GTY DELUXE	X
SP	X	GTY BL	X
SP	Y	GTY OV	X
SP	Z	GTY IS	X
SR	A	SB OWNERS	O
SR	AA	SB FAMILY	O
SR	B	SB GRAND	O
SR	C	SB SUPERIOR	O
SR	CR	CREW CABINS	X
SR	D	B DELUXE	O
SR	D1	B SUP BALC	O
SR	E1	B DLX BALC	O
SR	E2	B DLX BALC	O
SR	E3	B DLX BALC	O
SR	F	O/V LG SR	O
SR	FF	O/V FML SR	O
SR	FO	O/V FAM SR	O
SR	FS	SB FAMILYSTE	O
SR	G	O/V LG SR	O
SR	GS	SB GRAND STE	O
SR	H	O/V LG SR	O
SR	I	O/V LG SR	O
SR	JS	SB JUNIORSTE	O
SR	L	INSIDE SR	I
SR	M	INSIDE SR	I
SR	N	INSIDE SR	I
SR	O	INSIDE SR	I
SR	OS	SB OWNERSSTE	O
SR	P	INSIDE SR	I
SR	Q	INSIDE SR	I
SR	R	SB ROYAL	O

Ship Code	Cabin Category Code	Description	In / Out
SR	RS	SB ROYAL STE	O
SR	W	GTY DELUXE	X
SR	X	GTY BL	X
SR	Y	GTY OV	X
SR	Z	GTY IS	X
SS	A	S OWNERS	O
SS	B	S GRAND	O
SS	C	S SUPERIOR	O
SS	CR	CREW CABINS	X
SS	D	O/V LG SR	O
SS	F	O/V SR	O
SS	F1	O/V SR	O
SS	F2	O/V SR	O
SS	G	O/V SR	O
SS	GS	SB GRAND STE	O
SS	H	O/V SR	O
SS	I	O/V SR	O
SS	JS	SB JUNIORSTE	O
SS	K	INSIDE SR	I
SS	L	INSIDE SR	I
SS	M	INSIDE SR	I
SS	N	INSIDE SR	I
SS	O	INSIDE SR	I
SS	OS	SB OWNERSSTE	O
SS	P	INSIDE SR	I
SS	Q	INSIDE SR	I
SS	R	S ROYAL	O
SS	RS	SB ROYAL STE	O
SS	S	SINGLE GTY	X
SS	SH	SHARE GTY	X
SS	SO	O/V SUP	O
SS	W	SO-OR HIGHER	X
SS	X	D OR HIGHER	X
SS	Y	GTY OV	X
SS	Z	Interior Sta	X
VI	A	SB ONWERS	O
VI	AA	SB FAMILY	O
VI	B	SB GRAND	O
VI	C	SB SUPERIOR	O
VI	CR	CREW CABINS	X
VI	D	B SUPERIOR	O
VI	D1	B SUP BALC	O
VI	E	O/V FMLY SR	O

Ship Code	Cabin Category Code	Description	In / Out
VI	F	O/V LG SR	O
VI	FF	O/V FMLY SR	O
VI	FO	FAMILY O/V	O
VI	FS	SB FAMILYSTE	O
VI	G	O/V LG SR	O
VI	GS	SB GRAND STE	O
VI	H	O/V LG SR	O
VI	I	O/V LG SR	O
VI	J	I/S SUP SR	I
VI	JS	SB JUNIORSTE	O
VI	K	I/S LG SR	I
VI	L	I/S LG SR	I
VI	M	INSIDE SR	I
VI	N	INSIDE SR	I
VI	O	INSIDE SR	I
VI	OS	SB OWNERSSTE	O
VI	P	INSIDE SR	I
VI	Q	INSIDE SR	I
VI	R	SB ROYAL	O
VI	RS	SB ROYAL STE	O
VI	S	SINGLE GTY	X
VI	SH	SHARE GTY	X
VI	W	GTY DELUXE	X
VI	X	GTY BL	X
VI	Y	GTY OV	X
VI	Z	GTY IS	X
VY	A	SB OWNERS	O
VY	AA	SB FAMILY	O
VY	B	SB GRAND	O
VY	C	SB SUPERIOR	O
VY	CR	CREW CABINS	X
VY	DA	B DELUXE	O
VY	DB	B DELUXE	O
VY	D1	B SUP BALC	O
VY	D2	B SUP BALC	O
VY	D3	B SUP BALC	O
VY	D6	B SUPERIOR	O
VY	D7	B SUPERIOR	O
VY	D8	B SUPERIOR	O
VY	D9	B SUPERIOR	O
VY	E	O/V FMLY SR	O
VY	E1	B DLX BALC	O
VY	E2	B DLX BALC	O

Ship Code	Cabin Category Code	Description	In / Out
VY	F	O/V LG SR	O
VY	FO	O/V FAM SR	O
VY	FS	SB FAMILYSTE	O
VY	GS	SB GRAND STE	O
VY	H	O/V SR	O
VY	I	O/V SR	O
VY	JS	SB JUNIORSTE	O
VY	L	INSIDE SR	I
VY	M	INSIDE SR	I
VY	N	INSIDE SR	I
VY	O	INSIDE SR	I
VY	OS	SB OWNERSSTE	O
VY	P	INSIDE SR	I
VY	PR	I/S PROM SR	I
VY	Q	INSIDE SR	I
VY	R	SB ROYAL	O
VY	RS	SB ROYAL STE	O
VY	TR	ATRIUM SR	I
VY	W	GTY DELUXE	X
VY	X	GTY BL	X
VY	Y	GTY OV	X
VY	Z	GTY IS	X
XP	CR	CREW CABIN	X
XP	PS	PENTHS SUITE	O
XP	XD	DELUXE O/V	O
XP	XJ	SUITE	O
XP	XO	OCEANVIEW	O
XP	XP	PREMIUM O/V	O
XP	XS	SUITE	O
ZN	CC	O CONCIERGE	O
ZN	CR	CREW CABINS	X
ZN	RS	S ROYAL STE	O
ZN	W	Deluxe Suite	X
ZN	X	GTY DL	X
ZN	Y	Ocean View S	X
ZN	Z	Inside State	X
ZN	ZS	S ZENITH STE	O
ZN	01	S ROYAL	O
ZN	02	S DELUXE	O
ZN	03	O/V PREM SR	O
ZN	04	O/V SR	O
ZN	05	O/V SR	O
ZN	06	O/V SR	O

Ship Code	Cabin Category Code	Description	In / Out
ZN	07	O/V SR	O
ZN	08	O/V SR	O
ZN	09	INSIDE SR	I
ZN	10	INSIDE SR	I
ZN	11	INSIDE SR	I
ZN	12	INSIDE SR	I

**TABLE 8 – Country Codes**

NOTE: Tables are for example only, not to be considered as current production data.

Code	Country
ABW	ARUBA
AFG	AFGHANISTAN
AGO	ANGOLA
AIA	ANGUILLA
ALB	ALBANIA
AND	ANDORRA
ANT	NETHERLANDS ANTILLES
ARE	UNITED ARAB EMIRATES
ARG	ARGENTINA
ARM	ARMENIA
ASM	AMERICAN SAMOA
ATA	ANTARCTICA
ATF	FRENCH SOUTH. TERRIT
ATG	ANTIGUA AND BARBUDA
AUS	AUSTRALIA
AUT	AUSTRIA
AZE	AZERBAIJAN
BDI	BURUNDI
BEL	BELGIUM
BEN	BENIN
BFA	BURKINA FASO
BGD	BANGLADESH
BGR	BULGARIA
BHR	BAHRAIN
BHS	BAHAMAS
BIH	BOSNIA AND HERZEGOVINA
BLR	BELARUS
BLZ	BELIZE
BMU	BERMUDA
BOL	BOLIVIA
BON	BONAIRE
BRA	BRAZIL
BRB	BARBADOS
BRN	BRUNEI DARUSSALAM
BTN	BHUTAN
BUR	BURMA
BVT	BOUVET ISLAND
BWA	BOTSWANA
CAF	CENTRAL AFRICAN REPU
CAN	CANADA

Code	Country
CCK	COCOS KEELING ISLAND
CHL	CHILE
CHN	CHINA
CHS	SWITZERLAND
CIV	COTE D'IVOIRE
CMR	CAMEROON
COG	CONGO
COK	COOK ISLANDS
COL	COLOMBIA
COM	COMOROS
CPV	CAPE VERDE ISLANDS
CRI	COSTA RICA
CUB	CUBA
CUR	CURACAO
CXR	CHRISTMAS ISLAND
CYM	CAYMAN ISLANDS
CYP	CYPRUS
CZE	CZECH REPUBLIC
DEU	GERMANY
DJI	DJIBOUTI
DMA	DOMINICA
DNK	DENMARK
DOM	DOMINICAN REPUBLIC
DZA	ALGERIA
ECU	ECUADOR
EGY	EGYPT
ERI	ERITREA
ESH	WESTERN SAHARA
ESP	SPAIN
EST	ESTONIA
ETH	ETHIOPIA
FIN	FINLAND
FJI	FIJI ISLANDS
FLK	FALKLAND ISLANDS
FRA	FRANCE
FRO	FAEROE ISLANDS
FSM	MICRONESIA
FXX	METROPOLITAN FRANCE
GAB	GABON
GBR	UNITED KINGDOM
GEO	GEORGIA
GHA	GHANA
GIB	GIBRALTAR
GIN	GUINEA
GLP	GUADELOUPE

Code	Country
GMB	GAMBIA
GNB	GUINEA-BISSAU
GNQ	EQUATORIAL GUINEA
GRC	GREECE
GRD	GRENADA
GRL	GREENLAND
GTM	GUATEMALA
GUF	FRENCH GUIANA
GUM	GUAM
GUY	GUYANA
HKG	HONG KONG
HMD	HEARD & MCDONALD ISL
HND	HONDURAS
HRV	CROATIA
HTI	HAITI
HUN	HUNGARY
IDN	INDONESIA
IND	INDIA
IOT	BRITISH INDIAN OCEAN
IRL	IRELAND
IRN	IRAN
IRQ	IRAQ
ISL	ICELAND
ISR	ISRAEL
ITA	ITALY
JAM	JAMAICA
JOR	JORDAN
JPN	JAPAN
KAZ	KAZAKHSTAN
KEN	KENYA
KHM	CAMBODIA
KIR	KIRIBATI
KNA	SAINT KITTS & NEVIS
KOR	SOUTH KOREA
KWT	KUWAIT
LAO	LAOS
LBN	LEBANON
LBR	LIBERIA
LBY	LIBYA
LCA	SAINT LUCIA
LIE	LIECHTENSTEIN
LKA	SRI LANKA
LSO	LESOTHO
LTU	LITHUANIA
LUX	LUXEMBOURG



Code	Country
LVA	LATVIA
MAC	MACAO
MAR	MOROCCO
MCD	MACEDONIA
MCO	MONACO
MDA	MOLDOVA
MDG	MADAGASCAR
MDV	MALDIVES
MEX	MEXICO
MHL	MARSHALL ISLANDS
MLI	MALI REPUBLIC
MLT	MALTA
MMR	MYANMAR
MNG	MONGOLIAN PEOPLE'S R
MNP	NORTHERN MARIANA ISL
MOZ	MOZAMBIQUE
MRT	MAURITANIA
MSR	MONTSERRAT
MTO	MARTINIQUE
MUS	MAURITIUS
MWI	MALAWI
MYS	MALAYSIA
MYT	MAYOTTE ISLAND
NAM	NAMIBIA
NCL	NEW CALEDONIA
NFK	NORFOLK ISLAND
NGA	NIGERIA
NIC	NICARAGUA
NIU	NIUE
NLD	NETHERLANDS
NOR	NORWAY
NPL	NEPAL
NRU	NAURU
NZL	NEW ZEALAND
OMN	OMAN
OTH	OTHER
PAK	PAKISTAN
PAN	PANAMA
PAR	PARACEL ISLANDS
PCN	PITCAIRN ISLANDS
PER	PERU
PHL	PHILIPPINES
PLW	PALAU
PNG	PAPUA NEW GUINEA
POL	POLAND

Code	Country
PRI	PUERTO RICO
PRK	NORTH KOREA
PRT	PORTUGAL
PRY	PARAGUAY
PYF	FRENCH POLYNESIA
QAT	QATAR
REU	REUNION ISLAND
ROM	ROMANIA
RUE	RUSSIA
RWA	RWANDA
SAU	SAUDI ARABIA
SDN	SUDAN
SEN	SENEGAL REPUBLIC
SGP	SINGAPORE
SGS	S. GEORGIA/S. SANDWICH IS
SHN	SAINT HELENA
SJM	SVALBARD & JAN MAYEN IS
SLB	SOLOMON ISLANDS
SLE	SIERRA LEONE
SLV	EL SALVADOR
SMR	SAN MARINO
SOM	SOMALIA
SPM	SAINT PIERRE & MIQUELON
SPR	SPRATLEY ISLANDS
STK	ST. KITTS
STM	ST. MAARTEN
STP	SAO TOME AND PRINCIP
SUR	SURINAME
SVK	SLOVAKIA
SVN	SLOVENIA
SWE	SWEDEN
SWZ	SWAZILAND
SYC	SEYCHELLES ISLANDS
SYR	SYRIAN ARAB REPUBLIC
TCA	TURKS AND CAICOS ISL
TCD	CHAD REPUBLIC
TGO	TOGO
THA	THAILAND
TJK	TAJIKISTAN
TKL	TOKELAU
TKM	TURKMENISTAN
TMP	EAST TIMOR
TON	TONGA ISLANDS
TTO	TRINIDAD AND TOBAGO
TUN	TUNISIA

Code	Country
TUR	TURKEY
TUV	TUVALU
TWN	TAIWAN
TZA	TANZANIA
UGA	UGANDA
UKR	UKRAINE
UMI	U.S. MINOR OUT ISLANDS
URY	URUGUAY
USA	UNITED STATES
UZB	UZBEKISTAN
VAT	VATICAN CITY
VCT	ST VINCENT & GRENADI
VEN	VENEZUELA
VGB	VIRGIN ISLANDS (BRIT
VIR	VIRGIN ISLANDS (U.S.
VNM	VIETNAM
VUT	VANUATU
WLF	WALLIS AND FUTUNA IS
WSM	SAMOA (WESTERN IND S
YEM	YEMEN
YMD	REPUBLIC OF YEMEN
YUG	YUGOSLAVIA
ZAF	SOUTH AFRICA
ZAR	ZAIRE
ZMB	ZAMBIA
ZWE	ZIMBABWE

**TABLE 9 – Titles and Gender**

NOTE: Tables are for example only, not to be considered as current production data.

Title	Gender
MISTER	M
MASTER	M
MSTR	M
MR	M
SIR	M
LORD	M
DRM	M
PRFM	M
REVM	M
CAPM	M
GENM	M
MAJM	M
ADMM	M

Title	Gender
MRS	F
MISS	F
MS	F
LADY	F
DRF	F
PRFF	F
REVF	F
CAPF	F
GENF	F
MAJF	F
ADMF	F

**TABLE 10 – Dining Room Table Sizes**

NOTE: Tables are for example only, not to be considered as current production data.

RCI	Cel
Large	2
Small	4
	6
	8
	10

**TABLE 11 – Dining Age Group Codes**

NOTE: Tables are for example only, not to be considered as current production data.

Code	From	To
1	0	17
2	18	20
3	21	24
4	25	45
5	46	54
6	55+	

9	Unknown	
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## TABLE 12 – Onboard Languages

NOTE: Tables are for example only, not to be considered as current production data.

Code	Language
ABV	Arabic Standard
AFK	Afrikaans
BLG	Bulgarian
CHN	Chinese Mandarin
CLN	Catalan
CZC	Czech
DNS	Danish
DUT	Dutch
ENG	English
ESG	Greenlandic
FIN	Finnish
FRN	French
GER	German
GRK	Greek
HBR	Hebrew
HND	Hindi
HNG	Hungarian
ICE	Icelandic
INZ	Indonesian

Code	Language
ITN	Italian
JPN	Japanese
KKN	Korean
MLI	Malay
NRR	Norwegian
POR	Portuguese
PQL	Polish
RUM	Romanian
RUS	Russian
SLO	Slovak
SLV	Slovenian
SPN	Spanish
SRC	Serbo-Croatian
SWA	Swahili
SWD	Swedish
THJ	Thai
TRK	Turkish
UKR	Ukrainian
VIE	Vietnamese

**TABLE 13 – Bed Types**

NOTE: Tables are for example only, not to be considered as current production data.

Code	Bed Type
DB	DOUBLE BED
IL	1 LOWER TWIN BED IN L SHAPE CONFIGURATION
KL	2 Lowers L Shape Convert To King
LP	LOWER PULLMAN
MB	MURPHY BED
SB	SOFA BED TWIN
SD	SOFA BED DOUBLE
SK	KING SOFA BED
SQ	SOFA BED QUEEN
1K	1 KING BED
1Q	QUEEN SIZE BED
1T	1 LOWER TWIN BED
2C	2 LOWER TWIN BEDS - CONVERTED TO QUEEN
2K	2 LOWERS CONVERT TO KING SIZE BED
2L	2 LOWER TWIN BED IN L SHAPE CONFIGURATION
2S	TWO SOFA BEDS
2T	2 LOWER TWIN BEDS
3L	3 LWR L SHAPE NO CONVERT
3T	3 LOWER TWIN BEDS
4L	4 LOWER TWINS CONVERT

**TABLE 14 – Booking Status/Agreement Status**

The data for this table will be provided in the next RCL API specifications release.

**TABLE 15 – Valid Credit Card Codes**

NOTE: Tables are for example only, not to be considered as current production data.

Code	Credit Card Type
VA	Visa card
MC	Master card
AX	American Express card
DS	Discover card
DC	Diners card

**TABLE 16 – Valid Cabin Configuration Codes**

NOTE: Tables are for example only, not to be considered as current production data.

Code	Cabin Configuration
A	Apart/Both Apart
O	One Set Together
T	Together
U	Unknown

**TABLE 17 – Booking Matrix Reason Codes**

NOTE: Tables are for example only, not to be considered as current production data.

Code	Reason
A	Booking is cancelled.
B	Past sailing date.
C	Sailing finalized.
D	Split booking.
E	Sailing is closed.
F	Price restriction.
G	Category is closed.
H	Price code is closed.
I	Fare restriction.
J	Cabin has been assigned.
K	Cabin has been assigned.
L	Commission is protected.
M	Booking within 30 to 7 days of sailing.
N	Booking within 7 days of sailing.
O	Booking within 7 days of sailing.
P	Booking within 30 days of sailing.
Q	Special rate cat S or SH booked.
R	Air deviation is confirmed.
S	Air tickets ordered.
T	Air tickets issued.
U	No tour or air dev for price code.
V	Tour restriction.
W	Free or day prior hotel.
X	Back to back cruises.
Y	Royal occasions booked.
Z	Sailing is closed.
a	Invalid agent link.

b	Option already extended.
c	Trip insurance is mandatory.
d	Trip insurance cannot be selected.
e	Trip insurance cannot be declined.
f	Pier pickup flag is different per Guest.
g	Booking contains penalties.
h	Not Used here.
i	Inter port/Segmented sailing.
j	Unable to accept. Within 72 hours of Sailing
k	Changes not allowed



**TABLE 18 – Cabin Types by Ship**

NOTE: Tables are for example only, not to be considered as current production data.

Ship Code	Cabin Type	Description	Ship Name
AD	DA	Deluxe Oceanview StRm Access	ADVENTURE OF THE SEAS
AD	DD	Grand Suite	ADVENTURE OF THE SEAS
AD	DO	Deluxe Oceanview Stateroom	ADVENTURE OF THE SEAS
AD	DS	Junior Suite	ADVENTURE OF THE SEAS
AD	FF	Family Oceanview Stateroom	ADVENTURE OF THE SEAS
AD	FS	Royal Family Suite	ADVENTURE OF THE SEAS
AD	IA	Interior Stateroom Access	ADVENTURE OF THE SEAS
AD	JA	Junior Suite Access	ADVENTURE OF THE SEAS
AD	LO	Large Oceanview Stateroom	ADVENTURE OF THE SEAS
AD	OA	Superior Oceanview StRm Access	ADVENTURE OF THE SEAS
AD	OS	Superior Oceanview Stateroom	ADVENTURE OF THE SEAS
AD	OW	Owner's Suite	ADVENTURE OF THE SEAS
AD	RS	Royal Suite	ADVENTURE OF THE SEAS
AD	SA	Oceanview Stateroom Access	ADVENTURE OF THE SEAS
AD	SI	Interior Stateroom	ADVENTURE OF THE SEAS
AD	SO	Oceanview Stateroom	ADVENTURE OF THE SEAS
AD	ST	Standard Inside Stateroom-MNOP	ADVENTURE OF THE SEAS
AD	SV	Superior Oceanview Suite	ADVENTURE OF THE SEAS
AD	TA	Promenade Stateroom Access	ADVENTURE OF THE SEAS
AD	TR	Promenade Stateroom	ADVENTURE OF THE SEAS
AD	VA	Superior Oceanview Suite Acces	ADVENTURE OF THE SEAS
BR	B	DELUXE OUTSIDE SUITE-B	BRILLIANCE OF THE SEAS
BR	BA	DLX OUTSIDE SUITE AFT CABIN-B	BRILLIANCE OF THE SEAS
BR	BM	DLX OUTSIDE SUITE MID SHIP-B	BRILLIANCE OF THE SEAS
BR	C	DELUXE OUTSIDE SUITE- C	BRILLIANCE OF THE SEAS
BR	CA	DELUXE BALCONY ACCESSIBLE-C	BRILLIANCE OF THE SEAS
BR	D	DELUXE OCEANVIEW STATEROOM	BRILLIANCE OF THE SEAS
BR	DA	Deluxe Oceanview StRm Access	BRILLIANCE OF THE SEAS
BR	DD	Grand Suite	BRILLIANCE OF THE SEAS
BR	DO	Deluxe Oceanview Stateroom	BRILLIANCE OF THE SEAS
BR	DS	Junior Suite	BRILLIANCE OF THE SEAS
BR	EX	OUTSIDE ACCESSIBLE BALCONY-E3	BRILLIANCE OF THE SEAS
BR	FC	FAMILY CABIN W/WINDOW FF	BRILLIANCE OF THE SEAS
BR	FF	Family Oceanview Stateroom	BRILLIANCE OF THE SEAS
BR	FS	Royal Family Suite	BRILLIANCE OF THE SEAS
BR	GA	STANDARD OUTSIDE ACCESSIBLE- G	BRILLIANCE OF THE SEAS
BR	IA	Interior Stateroom Access	BRILLIANCE OF THE SEAS
BR	JA	Junior Suite Access	BRILLIANCE OF THE SEAS
BR	LA	Large Oceanview StRm Access	BRILLIANCE OF THE SEAS
BR	LO	Large Oceanview Stateroom	BRILLIANCE OF THE SEAS

Ship Code	Cabin Type	Description	Ship Name
BR	NA	STANDARD INSIDE ACCESSIBLE-N	BRILLIANCE OF THE SEAS
BR	NS	STANDARD INSIDE SHORT- M,O,Q	BRILLIANCE OF THE SEAS
BR	OA	Superior Oceanview StRm Access	BRILLIANCE OF THE SEAS
BR	OB	OCEAN VIEW W/BALCONY- E1,E2,E3	BRILLIANCE OF THE SEAS
BR	OD	Deluxe Oceanview Stateroom	BRILLIANCE OF THE SEAS
BR	OS	Superior Oceanview Stateroom	BRILLIANCE OF THE SEAS
BR	OV	Superior Oceanview Stateroom	BRILLIANCE OF THE SEAS
BR	OW	Owner's Suite	BRILLIANCE OF THE SEAS
BR	OX	Superior Oceanview StRm Acce	BRILLIANCE OF THE SEAS
BR	QA	STANDARD INSIDE ACCESSIBLE-Q	BRILLIANCE OF THE SEAS
BR	RS	Royal Suite	BRILLIANCE OF THE SEAS
BR	SI	Interior Stateroom	BRILLIANCE OF THE SEAS
BR	SO	Oceanview Stateroom	BRILLIANCE OF THE SEAS
BR	SV	Superior Oceanview Suite	BRILLIANCE OF THE SEAS
BR	VA	Superior Oceanview Suite Acces	BRILLIANCE OF THE SEAS
CN	CC	Concierge Class	CENTURY
CN	FC	Ocean View Family Stateroom-03	CENTURY
CN	FV	Family Ocean View	CENTURY
CN	IS	Inside	CENTURY
CN	NS	Century Suite	CENTURY
CN	OS	Ocean View	CENTURY
CN	PO	Outside Cabin With Porthole-08	CENTURY
CN	PS	Penthouse Suite	CENTURY
CN	RS	Royal Suite	CENTURY
CN	SS	Sky Suite	CENTURY
CN	SV	Sunset Veranda	CENTURY
CN	WC	Premium Ocean View Accessible	CENTURY
CN	WI	Wheelchair Accessible - 11	CENTURY
CN	01	Royal Suite	CENTURY
CN	02	Premium Ocean View	CENTURY
CN	03	Ocean View Stateroom W/Picture	CENTURY
CN	04	Ocean View Stateroom W/Picture	CENTURY
CN	05	Ocean View Stateroom W/Picture	CENTURY
CN	06	Ocean View Stateroom W/Picture	CENTURY
CN	07	Ocean View Stateroom W/Picture	CENTURY
CN	08	Ocean View Stateroom - 08	CENTURY
CN	09	Inside Stateroom-09	CENTURY
CN	10	Inside Stateroom-10	CENTURY
CN	11	Inside Stateroom-11	CENTURY
CN	12	Inside Stateroom-12	CENTURY
CN	2A	Deluxe Ocean View	CENTURY
CS	CA	Concierge Class Accessible	CONSTELLATION
CS	CC	Concierge Class	CONSTELLATION
CS	CS	Celebrity Suite	CONSTELLATION

Ship Code	Cabin Type	Description	Ship Name
CS	DA	Deluxe Ocean View Accessible	CONSTELLATION
CS	DO	Deluxe Ocean View	CONSTELLATION
CS	FV	Family Ocean View	CONSTELLATION
CS	IS	Inside	CONSTELLATION
CS	IW	Inside Accessible	CONSTELLATION
CS	OS	Ocean View	CONSTELLATION
CS	OW	Ocean View Accessible	CONSTELLATION
CS	PS	Penthouse Suite	CONSTELLATION
CS	RS	Royal Suite	CONSTELLATION
CS	SA	Sky Suite Accessible	CONSTELLATION
CS	SH	Sky suite with Shower - SH	CONSTELLATION
CS	SS	Sky Suite	CONSTELLATION
CS	WC	Premium Ocean View Accessible	CONSTELLATION
CS	03	Large Ocean View Stateroom- 03	CONSTELLATION
CS	04	Ocean View Stateroom - 04	CONSTELLATION
CS	05	Ocean View Stateroom - 05	CONSTELLATION
CS	06	Ocean View Stateroom - 06	CONSTELLATION
CS	07	Ocean View Stateroom - 07	CONSTELLATION
CS	08	Ocean View Stateroom - 08	CONSTELLATION
CS	09	Inside Stateroom - 09	CONSTELLATION
CS	1A	Premium Ocean View - 1A	CONSTELLATION
CS	1B	Premium Ocean View	CONSTELLATION
CS	1C	Premium Ocean View - 1C	CONSTELLATION
CS	10	Inside Stateroom - 10	CONSTELLATION
CS	11	Inside Stateroom - 11	CONSTELLATION
CS	12	Inside Stateroom - 12	CONSTELLATION
CS	2A	Deluxe Ocean View - 2A	CONSTELLATION
CS	2B	Deluxe Ocean View - 2B	CONSTELLATION
CS	2C	Deluxe Ocean View - 2c	CONSTELLATION
EN	DA	Deluxe Oceanview StRm Access	ENCHANTMENT OF THE SEAS
EN	DD	Grand Suite	ENCHANTMENT OF THE SEAS
EN	DO	Deluxe Oceanview Stateroom	ENCHANTMENT OF THE SEAS
EN	DS	Junior Suite	ENCHANTMENT OF THE SEAS
EN	FC	Family Suite -AA	ENCHANTMENT OF THE SEAS
EN	FF	Family Oceanview Stateroom	ENCHANTMENT OF THE SEAS
EN	FI	Family Inside Stateroom	ENCHANTMENT OF THE SEAS
EN	FO	Family Oceanview Stateroom	ENCHANTMENT OF THE SEAS
EN	FS	Royal Family Suite	ENCHANTMENT OF THE SEAS
EN	IA	Interior Stateroom Access	ENCHANTMENT OF THE SEAS
EN	JA	Junior Suite Access	ENCHANTMENT OF THE SEAS
EN	LA	Large Oceanview StRm Access	ENCHANTMENT OF THE SEAS
EN	LD	Larger Outside W/DbI Bed-I	ENCHANTMENT OF THE SEAS
EN	LI	Large Interior Stateroom	ENCHANTMENT OF THE SEAS
EN	LO	Large Oceanview Stateroom	ENCHANTMENT OF THE SEAS

Ship Code	Cabin Type	Description	Ship Name
EN	OA	Superior Oceanview StRm Access	ENCHANTMENT OF THE SEAS
EN	OS	Superior Oceanview Stateroom	ENCHANTMENT OF THE SEAS
EN	OW	Owner's Suite	ENCHANTMENT OF THE SEAS
EN	RS	Royal Suite	ENCHANTMENT OF THE SEAS
EN	SA	Oceanview Stateroom Access	ENCHANTMENT OF THE SEAS
EN	SI	Interior Stateroom	ENCHANTMENT OF THE SEAS
EN	SV	Superior Oceanview Suite	ENCHANTMENT OF THE SEAS
EN	VA	Superior Oceanview Suite Acces	ENCHANTMENT OF THE SEAS
EX	DA	Deluxe Oceanview StRm Access	EXPLORER OF THE SEAS
EX	DD	Grand Suite	EXPLORER OF THE SEAS
EX	DO	Deluxe Oceanview Stateroom	EXPLORER OF THE SEAS
EX	DS	Junior Suite	EXPLORER OF THE SEAS
EX	FF	Family Oceanview Stateroom	EXPLORER OF THE SEAS
EX	FS	Royal Family Suite	EXPLORER OF THE SEAS
EX	IA	Interior Stateroom Access	EXPLORER OF THE SEAS
EX	JA	Junior Suite Access	EXPLORER OF THE SEAS
EX	LO	Large Oceanview Stateroom	EXPLORER OF THE SEAS
EX	OA	Superior Oceanview StRm Access	EXPLORER OF THE SEAS
EX	OS	Superior Oceanview Stateroom	EXPLORER OF THE SEAS
EX	OW	Owner's Suite	EXPLORER OF THE SEAS
EX	RS	Royal Suite	EXPLORER OF THE SEAS
EX	SA	Oceanview Stateroom Access	EXPLORER OF THE SEAS
EX	SI	Interior Stateroom	EXPLORER OF THE SEAS
EX	SO	Oceanview Stateroom	EXPLORER OF THE SEAS
EX	ST	Standard Inside Stateroom-MNOP	EXPLORER OF THE SEAS
EX	SV	Superior Oceanview Suite	EXPLORER OF THE SEAS
EX	TA	Promenade Stateroom Access	EXPLORER OF THE SEAS
EX	TR	Promenade Stateroom	EXPLORER OF THE SEAS
EX	VA	Superior Oceanview Suite Acces	EXPLORER OF THE SEAS
FR	DA	Deluxe Oceanview StRm Access	FREEDOM OF THE SEAS
FR	DD	Grand Suite	FREEDOM OF THE SEAS
FR	DO	Deluxe Oceanview Stateroom	FREEDOM OF THE SEAS
FR	DS	Junior Suite	FREEDOM OF THE SEAS
FR	FF	Family Oceanview Stateroom	FREEDOM OF THE SEAS
FR	FI	Family Inside Stateroom	FREEDOM OF THE SEAS
FR	FS	Royal Family Suite	FREEDOM OF THE SEAS
FR	IA	Interior Stateroom Access	FREEDOM OF THE SEAS
FR	JA	Junior Suite Access	FREEDOM OF THE SEAS
FR	LO	Large Oceanview Stateroom	FREEDOM OF THE SEAS
FR	OS	Superior Oceanview Stateroom	FREEDOM OF THE SEAS
FR	OW	Owner's Suite	FREEDOM OF THE SEAS
FR	PF	Presidential Family Suite	FREEDOM OF THE SEAS
FR	RS	Royal Suite	FREEDOM OF THE SEAS
FR	SA	Oceanview Stateroom Access	FREEDOM OF THE SEAS

Ship Code	Cabin Type	Description	Ship Name
FR	SI	Interior Stateroom	FREEDOM OF THE SEAS
FR	SO	Oceanview Stateroom	FREEDOM OF THE SEAS
FR	TA	Promenade Stateroom Access	FREEDOM OF THE SEAS
FR	TF	Promenade Family Stateroom	FREEDOM OF THE SEAS
FR	TR	Promenade Stateroom	FREEDOM OF THE SEAS
GL	CC	Concierge Class	GALAXY
GL	DO	Deluxe Ocean View	GALAXY
GL	FC	Inside Family Sateroom-10	GALAXY
GL	FO	Family Ocean View	GALAXY
GL	IS	Inside	GALAXY
GL	OS	Ocean View	GALAXY
GL	PO	Outside Cabin With Porthole-08	GALAXY
GL	PS	Penthouse Suite	GALAXY
GL	RS	Royal Suite	GALAXY
GL	SS	Sky Suite	GALAXY
GL	WL	Wheelchair Accssesible Statero	GALAXY
GL	01	Royal Suite	GALAXY
GL	02	Premium Ocean View	GALAXY
GL	03	Ocean View Stateroom W/Pict-03	GALAXY
GL	04	Ocean View Stateroom W/Pict-04	GALAXY
GL	05	Ocean View Stateroom W/Pict-05	GALAXY
GL	06	Ocean View Stateroom W/Pict-06	GALAXY
GL	07	Ocean View Stateroom W/Pict-07	GALAXY
GL	08	Ocean View Stateroom - 08	GALAXY
GL	09	Inside Stateroom - 09	GALAXY
GL	10	Inside Stateroom - 10	GALAXY
GL	11	Inside Stateroom - 11	GALAXY
GL	12	Inside Stateroom - 12	GALAXY
GR	DA	Deluxe Oceanview StRm Access	GRANDEUR OF THE SEAS
GR	DD	Grand Suite	GRANDEUR OF THE SEAS
GR	DO	Deluxe Oceanview Stateroom	GRANDEUR OF THE SEAS
GR	DS	Junior Suite	GRANDEUR OF THE SEAS
GR	FC	Family Suite -AA	GRANDEUR OF THE SEAS
GR	FS	Royal Family Suite	GRANDEUR OF THE SEAS
GR	IA	Interior Stateroom Access	GRANDEUR OF THE SEAS
GR	JA	Junior Suite Access	GRANDEUR OF THE SEAS
GR	LA	Large Oceanview StRm Access	GRANDEUR OF THE SEAS
GR	LD	Larger Outside- I	GRANDEUR OF THE SEAS
GR	LI	Large Interior Stateroom	GRANDEUR OF THE SEAS
GR	LO	Large Oceanview Stateroom	GRANDEUR OF THE SEAS
GR	OA	Superior Oceanview StRm Access	GRANDEUR OF THE SEAS
GR	OS	Superior Oceanview Stateroom	GRANDEUR OF THE SEAS
GR	OW	Owner's Suite	GRANDEUR OF THE SEAS
GR	RS	Royal Suite	GRANDEUR OF THE SEAS

Ship Code	Cabin Type	Description	Ship Name
GR	SA	Oceanview Stateroom Access	GRANDEUR OF THE SEAS
GR	SI	Interior Stateroom	GRANDEUR OF THE SEAS
GR	SV	Superior Oceanview Suite	GRANDEUR OF THE SEAS
GR	VA	Superior Oceanview Suite Acces	GRANDEUR OF THE SEAS
IE	CS	Club Suite - A	ISLAND ESCAPE
IE	DB	Balcony - B	ISLAND ESCAPE
IE	DO	Deluxe - C	ISLAND ESCAPE
IE	IS	Island Suite - IS	ISLAND ESCAPE
IE	PR	Premier Stateroom - D	ISLAND ESCAPE
IE	SI	Standard Inside Stateroom-KLMN	ISLAND ESCAPE
IE	SO	Standard Outside Stateroom-FGH	ISLAND ESCAPE
IN	CA	Concierge Class Accessible	INFINITY
IN	CC	Concierge Class	INFINITY
IN	CS	Celebrity Suite	INFINITY
IN	DA	Deluxe Ocean View Accessible	INFINITY
IN	DO	Deluxe Ocean View	INFINITY
IN	FV	Family Ocean View	INFINITY
IN	IS	Inside	INFINITY
IN	IW	Inside Accessible	INFINITY
IN	OS	Ocean View	INFINITY
IN	OW	Ocean View Accessible	INFINITY
IN	PS	Penthouse Suite	INFINITY
IN	RS	Royal Suite	INFINITY
IN	SA	Sky Suite Accessible	INFINITY
IN	SS	Sky Suite	INFINITY
IN	WC	Premium Ocean View Accessible	INFINITY
IN	03	Large Ocean View Stateroom-03	INFINITY
IN	04	Ocean View Stateroom - 04	INFINITY
IN	05	Ocean View Stateroom -05	INFINITY
IN	06	Ocean View Stateroom -06	INFINITY
IN	07	Ocean View Stateroom -07	INFINITY
IN	08	Ocean View Stateroom - 08	INFINITY
IN	09	Inside Stateroom - 09	INFINITY
IN	1A	Premium Ocean View - 1A	INFINITY
IN	1B	Premium Ocean View	INFINITY
IN	1C	Premium Ocean View - 1C	INFINITY
IN	10	Inside Stateroom - 10	INFINITY
IN	11	Inside Stateroom - 11	INFINITY
IN	12	Inside Stateroom - 12	INFINITY
IN	2A	Deluxe Ocean View - 2A	INFINITY
IN	2B	Deluxe Ocean View - 2B	INFINITY
IN	2C	Deluxe Ocean View - 2C	INFINITY
IS	CS	Club Suite - A	ISLAND STAR
IS	DB	Balcony - B	ISLAND STAR

Ship Code	Cabin Type	Description	Ship Name
IS	DO	Deluxe - C	ISLAND STAR
IS	IS	Island Suite - IS	ISLAND STAR
IS	JS	Junior Suite - JS	ISLAND STAR
IS	PR	Premier Stateroom - D	ISLAND STAR
IS	SI	Standard Inside Stateroom	ISLAND STAR
IS	SO	Standard Outside Stateroom	ISLAND STAR
JR	CA	Concierge Class Accessible	CELEBRITY JOURNEY
JR	CC	Concierge Class	CELEBRITY JOURNEY
JR	DA	Deluxe Ocean View Accessible	CELEBRITY JOURNEY
JR	DO	Deluxe Ocean View	CELEBRITY JOURNEY
JR	IA	Inside Accessible	CELEBRITY JOURNEY
JR	IS	Inside	CELEBRITY JOURNEY
JR	OA	Ocean View Accessible	CELEBRITY JOURNEY
JR	OS	Ocean View	CELEBRITY JOURNEY
JR	PA	Penthouse Suite Accessible	CELEBRITY JOURNEY
JR	PS	Penthouse Suite	CELEBRITY JOURNEY
JR	RA	Royal Suite Accessible	CELEBRITY JOURNEY
JR	RS	Royal Suite	CELEBRITY JOURNEY
JR	SA	Sky Suite Accessible	CELEBRITY JOURNEY
JR	SC	Spa Class	CELEBRITY JOURNEY
JR	SI	Spa Class Accessible	CELEBRITY JOURNEY
JR	SS	Sky Suite	CELEBRITY JOURNEY
JR	SV	Sunset Veranda	CELEBRITY JOURNEY
JW	B	DELUXE OUTSIDE SUITE-B	JEWEL OF THE SEAS
JW	BA	DLX OUTSIDE SUITE AFT CABIN-B	JEWEL OF THE SEAS
JW	BM	DLX OUTSIDE SUITE MID SHIP-B	JEWEL OF THE SEAS
JW	C	DELUXE OUTSIDE SUITE- C	JEWEL OF THE SEAS
JW	CA	DELUXE BALCONY ACCESSIBLE-C	JEWEL OF THE SEAS
JW	D	DELUXE OCEANVIEW STATEROOM	JEWEL OF THE SEAS
JW	DA	Deluxe Oceanview StRm Access	JEWEL OF THE SEAS
JW	DD	Grand Suite	JEWEL OF THE SEAS
JW	DO	Deluxe Oceanview Stateroom	JEWEL OF THE SEAS
JW	DS	Junior Suite	JEWEL OF THE SEAS
JW	EX	OUTSIDE ACCESSIBLE BALCONY-E3	JEWEL OF THE SEAS
JW	FA	Family Oceanview StRm Access	JEWEL OF THE SEAS
JW	FC	FAMILY CABIN W/WINDOW FF	JEWEL OF THE SEAS
JW	FF	Family Oceanview Stateroom	JEWEL OF THE SEAS
JW	FS	Royal Family Suite	JEWEL OF THE SEAS
JW	GA	STANDARD OUTSIDE ACCESSIBLE- G	JEWEL OF THE SEAS
JW	IA	Interior Stateroom Access	JEWEL OF THE SEAS
JW	JA	Junior Suite Access	JEWEL OF THE SEAS
JW	LA	Large Oceanview StRm Access	JEWEL OF THE SEAS
JW	LO	Large Oceanview Stateroom	JEWEL OF THE SEAS
JW	NA	STANDARD INSIDE ACCESSIBLE-N	JEWEL OF THE SEAS



Ship Code	Cabin Type	Description	Ship Name
JW	NS	STANDARD INSIDE SHORT- M,O,Q	JEWEL OF THE SEAS
JW	OA	Superior Oceanview StRm Access	JEWEL OF THE SEAS
JW	OB	OCEAN VIEW W/BALCONY- E1,E2,E3	JEWEL OF THE SEAS
JW	OD	Deluxe Oceanview Stateroom	JEWEL OF THE SEAS
JW	OS	Superior Oceanview Stateroom	JEWEL OF THE SEAS
JW	OV	Superior Oceanview Stateroom	JEWEL OF THE SEAS
JW	OW	Owner's Suite	JEWEL OF THE SEAS
JW	OX	Superior Oceanview StRm Acce	JEWEL OF THE SEAS
JW	QA	STANDARD INSIDE ACCESSIBLE-Q	JEWEL OF THE SEAS
JW	RS	Royal Suite	JEWEL OF THE SEAS
JW	SI	Interior Stateroom	JEWEL OF THE SEAS
JW	SO	Oceanview Stateroom	JEWEL OF THE SEAS
JW	SV	Superior Oceanview Suite	JEWEL OF THE SEAS
JW	VA	Superior Oceanview Suite Acces	JEWEL OF THE SEAS
LB	DA	Deluxe Oceanview StRm Access	LIBERTY OF THE SEAS
LB	DD	Grand Suite	LIBERTY OF THE SEAS
LB	DO	Deluxe Oceanview Stateroom	LIBERTY OF THE SEAS
LB	DS	Junior Suite	LIBERTY OF THE SEAS
LB	FF	Family Oceanview Stateroom	LIBERTY OF THE SEAS
LB	FI	Family Inside Stateroom	LIBERTY OF THE SEAS
LB	FS	Royal Family Suite	LIBERTY OF THE SEAS
LB	IA	Interior Stateroom Access	LIBERTY OF THE SEAS
LB	JA	Junior Suite Access	LIBERTY OF THE SEAS
LB	LO	Large Oceanview Stateroom	LIBERTY OF THE SEAS
LB	OS	Superior Oceanview Stateroom	LIBERTY OF THE SEAS
LB	OW	Owner's Suite	LIBERTY OF THE SEAS
LB	PF	Presidential Family Suite	LIBERTY OF THE SEAS
LB	RS	Royal Suite	LIBERTY OF THE SEAS
LB	SA	Oceanview Stateroom Access	LIBERTY OF THE SEAS
LB	SI	Interior Stateroom	LIBERTY OF THE SEAS
LB	SO	Oceanview Stateroom	LIBERTY OF THE SEAS
LB	TA	Promenade Stateroom Access	LIBERTY OF THE SEAS
LB	TF	Promenade Family Stateroom	LIBERTY OF THE SEAS
LB	TR	Promenade Stateroom	LIBERTY OF THE SEAS
LG	DD	Grand Suite	LEGEND OF THE SEAS
LG	DO	Deluxe Oceanview Stateroom	LEGEND OF THE SEAS
LG	DS	Junior Suite	LEGEND OF THE SEAS
LG	FC	Family Suite - AA	LEGEND OF THE SEAS
LG	FS	Royal Family Suite	LEGEND OF THE SEAS
LG	IA	Interior Stateroom Access	LEGEND OF THE SEAS
LG	IP	Large Interior StRm Access	LEGEND OF THE SEAS
LG	JA	Junior Suite Access	LEGEND OF THE SEAS
LG	LA	Large Oceanview StRm Access	LEGEND OF THE SEAS
LG	LI	Large Interior Stateroom	LEGEND OF THE SEAS



Ship Code	Cabin Type	Description	Ship Name
LG	LO	Large Oceanview Stateroom	LEGEND OF THE SEAS
LG	OS	Superior Oceanview Stateroom	LEGEND OF THE SEAS
LG	OW	Owner's Suite	LEGEND OF THE SEAS
LG	RS	Royal Suite	LEGEND OF THE SEAS
LG	SA	Oceanview Stateroom Access	LEGEND OF THE SEAS
LG	SC	Standard Inside - M	LEGEND OF THE SEAS
LG	SI	Interior Stateroom	LEGEND OF THE SEAS
LG	SU	Superior Interior Stateroom	LEGEND OF THE SEAS
LG	SV	Superior Oceanview Suite	LEGEND OF THE SEAS
LG	VA	Superior Oceanview Suite Acces	LEGEND OF THE SEAS
MA	DA	Deluxe Oceanview StRm Access	MARINER OF THE SEAS
MA	DD	Grand Suite	MARINER OF THE SEAS
MA	DO	Deluxe Oceanview Stateroom	MARINER OF THE SEAS
MA	DS	Junior Suite	MARINER OF THE SEAS
MA	FF	Family Oceanview Stateroom	MARINER OF THE SEAS
MA	FS	Royal Family Suite	MARINER OF THE SEAS
MA	IA	Interior Stateroom Access	MARINER OF THE SEAS
MA	JA	Junior Suite Access	MARINER OF THE SEAS
MA	LO	Large Oceanview Stateroom	MARINER OF THE SEAS
MA	OA	Superior Oceanview StRm Access	MARINER OF THE SEAS
MA	OS	Superior Oceanview Stateroom	MARINER OF THE SEAS
MA	OW	Owner's Suite	MARINER OF THE SEAS
MA	RS	Royal Suite	MARINER OF THE SEAS
MA	SA	Oceanview Stateroom Access	MARINER OF THE SEAS
MA	SI	Interior Stateroom	MARINER OF THE SEAS
MA	SO	Oceanview Stateroom	MARINER OF THE SEAS
MA	ST	Standard Inside Stateroom-MNOP	MARINER OF THE SEAS
MA	SV	Superior Oceanview Suite	MARINER OF THE SEAS
MA	TA	Promenade Stateroom Access	MARINER OF THE SEAS
MA	TR	Promenade Stateroom	MARINER OF THE SEAS
MA	VA	Superior Oceanview Suite Acces	MARINER OF THE SEAS
MJ	DD	Grand Suite	MAJESTY OF THE SEAS
MJ	DO	Deluxe Oceanview Stateroom	MAJESTY OF THE SEAS
MJ	DS	Junior Suite	MAJESTY OF THE SEAS
MJ	FC	Family Cabin - C	MAJESTY OF THE SEAS
MJ	FS	Royal Family Suite	MAJESTY OF THE SEAS
MJ	IA	Interior Stateroom Access	MAJESTY OF THE SEAS
MJ	LA	Large Oceanview StRm Access	MAJESTY OF THE SEAS
MJ	LO	Large Oceanview Stateroom	MAJESTY OF THE SEAS
MJ	OA	Superior Oceanview StRm Access	MAJESTY OF THE SEAS
MJ	OS	Superior Oceanview Stateroom	MAJESTY OF THE SEAS
MJ	OV	Superior Oceanview Stateroom	MAJESTY OF THE SEAS
MJ	OW	Owner's Suite	MAJESTY OF THE SEAS
MJ	RS	Royal Suite	MAJESTY OF THE SEAS

Ship Code	Cabin Type	Description	Ship Name
MJ	SI	Interior Stateroom	MAJESTY OF THE SEAS
MJ	SO	Oceanview Stateroom	MAJESTY OF THE SEAS
ML	CA	Concierge Class Accessible	MILLENNIUM
ML	CC	Concierge Class	MILLENNIUM
ML	CS	Celebrity Suite	MILLENNIUM
ML	DA	Deluxe Ocean View Accessible	MILLENNIUM
ML	DO	Deluxe Ocean View	MILLENNIUM
ML	FV	Family Ocean View	MILLENNIUM
ML	IS	Inside	MILLENNIUM
ML	IW	Inside Accessible	MILLENNIUM
ML	OS	Ocean View	MILLENNIUM
ML	OW	Ocean View Accessible	MILLENNIUM
ML	PS	Penthouse Suite	MILLENNIUM
ML	RS	Royal Suite	MILLENNIUM
ML	SA	Sky Suite Accessible	MILLENNIUM
ML	SS	Sky Suite	MILLENNIUM
ML	WC	Premium Ocean View Accessible	MILLENNIUM
ML	03	Large Ocean View Stateroom-03	MILLENNIUM
ML	04	Ocean View Stateroom - 04	MILLENNIUM
ML	05	Ocean View Stateroom - 05	MILLENNIUM
ML	06	Ocean View Stateroom - 06	MILLENNIUM
ML	07	Ocean View Stateroom - 07	MILLENNIUM
ML	08	Ocean View Stateroom - 08	MILLENNIUM
ML	09	Inside Stateroom - 09	MILLENNIUM
ML	1A	Premium Ocean View - 1A	MILLENNIUM
ML	1B	Premium Ocean View	MILLENNIUM
ML	1C	Premium Ocean View - 1C	MILLENNIUM
ML	10	Inside Stateroom - 10	MILLENNIUM
ML	11	Inside Stateroom - 11	MILLENNIUM
ML	12	Inside Stateroom - 12	MILLENNIUM
ML	2A	Deluxe Ocean View - 2A	MILLENNIUM
ML	2B	Deluxe Ocean View - 2B	MILLENNIUM
ML	2C	Deluxe Ocean View - 2C	MILLENNIUM
MN	DD	Grand Suite	MONARCH OF THE SEAS
MN	DO	Deluxe Oceanview Stateroom	MONARCH OF THE SEAS
MN	DS	Junior Suite	MONARCH OF THE SEAS
MN	FC	Family Cabin- A	MONARCH OF THE SEAS
MN	FS	Royal Family Suite	MONARCH OF THE SEAS
MN	IA	Interior Stateroom Access	MONARCH OF THE SEAS
MN	LA	Large Oceanview StRm Access	MONARCH OF THE SEAS
MN	LO	Large Oceanview Stateroom	MONARCH OF THE SEAS
MN	OA	Superior Oceanview StRm Access	MONARCH OF THE SEAS
MN	OS	Superior Oceanview Stateroom	MONARCH OF THE SEAS
MN	OV	Superior Oceanview Stateroom	MONARCH OF THE SEAS

Ship Code	Cabin Type	Description	Ship Name
MN	OW	Owner's Suite	MONARCH OF THE SEAS
MN	OX	Superior Oceanview StRm Acce	MONARCH OF THE SEAS
MN	RS	Royal Suite	MONARCH OF THE SEAS
MN	SA	Oceanview Stateroom Access	MONARCH OF THE SEAS
MN	SI	Interior Stateroom	MONARCH OF THE SEAS
MN	SO	Oceanview Stateroom	MONARCH OF THE SEAS
MR	CC	Concierge Class	MERCURY
MR	DO	Deluxe Ocean View	MERCURY
MR	FO	Family Ocean View	MERCURY
MR	IS	Inside	MERCURY
MR	OS	Ocean View	MERCURY
MR	PO	Outside Cabin W/Porthole-08	MERCURY
MR	PS	Penthouse Suite	MERCURY
MR	RS	Royal Suite	MERCURY
MR	SS	Sky Suite	MERCURY
MR	01	Royal Suite	MERCURY
MR	02	Premium Ocean View	MERCURY
MR	03	Ocean View Stateroom W/Picture	MERCURY
MR	04	Ocean View Stateroom W/Picture	MERCURY
MR	05	Ocean View Stateroom W/Picture	MERCURY
MR	06	Ocean View Stateroom W/Picture	MERCURY
MR	07	Ocean View Stateroom W/Picture	MERCURY
MR	08	Ocean View Stateroom-08	MERCURY
MR	09	Inside Stateroom - 09	MERCURY
MR	10	Inside Stateroom - 10	MERCURY
MR	11	Inside Stateroom - 11	MERCURY
MR	12	Inside Stateroom - 12	MERCURY
MR	15	Wheelchair Accessible Stateroo	MERCURY
MR	16	Wheelchair Accessible - 11	MERCURY
NE	DD	Grand Suite	EMPRESS OF THE SEAS
NE	DO	Deluxe Oceanview Stateroom	EMPRESS OF THE SEAS
NE	DS	Junior Suite	EMPRESS OF THE SEAS
NE	IA	Interior Stateroom Access	EMPRESS OF THE SEAS
NE	LO	Large Oceanview Stateroom	EMPRESS OF THE SEAS
NE	LS	Larger Outside Stateroom-D	EMPRESS OF THE SEAS
NE	OA	Superior Oceanview StRm Access	EMPRESS OF THE SEAS
NE	OS	Superior Oceanview Stateroom	EMPRESS OF THE SEAS
NE	OV	Superior Oceanview Stateroom	EMPRESS OF THE SEAS
NE	OW	Owner's Suite	EMPRESS OF THE SEAS
NE	RS	Royal Suite	EMPRESS OF THE SEAS
NE	SA	Oceanview Stateroom Access	EMPRESS OF THE SEAS
NE	SI	Interior Stateroom	EMPRESS OF THE SEAS
NE	SO	Oceanview Stateroom	EMPRESS OF THE SEAS
NE	SS	Small Oceanview Stateroom	EMPRESS OF THE SEAS

Ship Code	Cabin Type	Description	Ship Name
NV	DA	Deluxe Oceanview StRm Access	NAVIGATOR OF THE SEAS
NV	DD	Grand Suite	NAVIGATOR OF THE SEAS
NV	DO	Deluxe Oceanview Stateroom	NAVIGATOR OF THE SEAS
NV	DS	Junior Suite	NAVIGATOR OF THE SEAS
NV	FF	Family Oceanview Stateroom	NAVIGATOR OF THE SEAS
NV	FS	Royal Family Suite	NAVIGATOR OF THE SEAS
NV	IA	Interior Stateroom Access	NAVIGATOR OF THE SEAS
NV	JA	Junior Suite Access	NAVIGATOR OF THE SEAS
NV	LO	Large Oceanview Stateroom	NAVIGATOR OF THE SEAS
NV	OA	Superior Oceanview StRm Access	NAVIGATOR OF THE SEAS
NV	OS	Superior Oceanview Stateroom	NAVIGATOR OF THE SEAS
NV	OW	Owner's Suite	NAVIGATOR OF THE SEAS
NV	RS	Royal Suite	NAVIGATOR OF THE SEAS
NV	SA	Oceanview Stateroom Access	NAVIGATOR OF THE SEAS
NV	SI	Interior Stateroom	NAVIGATOR OF THE SEAS
NV	SO	Oceanview Stateroom	NAVIGATOR OF THE SEAS
NV	ST	Standard Inside Stateroom-MNOP	NAVIGATOR OF THE SEAS
NV	SV	Superior Oceanview Suite	NAVIGATOR OF THE SEAS
NV	TA	Promenade Stateroom Access	NAVIGATOR OF THE SEAS
NV	TR	Promenade Stateroom	NAVIGATOR OF THE SEAS
NV	VA	Superior Oceanview Suite Acces	NAVIGATOR OF THE SEAS
RD	B	DELUXE OUTSIDE SUITE - B	RADIANCE OF THE SEAS
RD	BA	DLX OUTSIDE SUTIE AFT CABIN -B	RADIANCE OF THE SEAS
RD	BM	DLX OUTSIDE SUITE MID SHIP- B	RADIANCE OF THE SEAS
RD	C	DELUXE OUTSIDE SUITE - C	RADIANCE OF THE SEAS
RD	CA	DELUXE BALCONY ACCESSIBLE -C	RADIANCE OF THE SEAS
RD	D	DELUXE OCEANVIEW STATEROOM	RADIANCE OF THE SEAS
RD	DA	Deluxe Oceanview StRm Access	RADIANCE OF THE SEAS
RD	DD	Grand Suite	RADIANCE OF THE SEAS
RD	DO	Deluxe Oceanview Stateroom	RADIANCE OF THE SEAS
RD	DS	Junior Suite	RADIANCE OF THE SEAS
RD	EX	OUTSIDE ACCESSIBLE BALCONY-E3	RADIANCE OF THE SEAS
RD	FC	FAMILY CABIN W/WINDOW - FF	RADIANCE OF THE SEAS
RD	FF	Family Oceanview Stateroom	RADIANCE OF THE SEAS
RD	FS	Royal Family Suite	RADIANCE OF THE SEAS
RD	F1	FAMILY CABIN W/WINDOW - FF	RADIANCE OF THE SEAS
RD	GA	STANDARD OUTSIDE ACCESSIBLE- G	RADIANCE OF THE SEAS
RD	IA	Interior Stateroom Access	RADIANCE OF THE SEAS
RD	JA	Junior Suite Access	RADIANCE OF THE SEAS
RD	LA	Large Oceanview StRm Access	RADIANCE OF THE SEAS
RD	LO	Large Oceanview Stateroom	RADIANCE OF THE SEAS
RD	NA	STANDARD INSIDE ACCESSIBLE- N	RADIANCE OF THE SEAS
RD	NS	STANDARD INSIDE SHORT - M,O,Q	RADIANCE OF THE SEAS
RD	OA	Superior Oceanview StRm Access	RADIANCE OF THE SEAS

Ship Code	Cabin Type	Description	Ship Name
RD	OB	OCEAN VIEW W/BALCONY-E1,E3,E2	RADIANCE OF THE SEAS
RD	OD	Deluxe Oceanview Stateroom	RADIANCE OF THE SEAS
RD	OS	Superior Oceanview Stateroom	RADIANCE OF THE SEAS
RD	OV	Superior Oceanview Stateroom	RADIANCE OF THE SEAS
RD	OW	Owner's Suite	RADIANCE OF THE SEAS
RD	OX	Superior Oceanview StRm Acce	RADIANCE OF THE SEAS
RD	QA	STANDARD INSIDE ACCESSIBLE-Q	RADIANCE OF THE SEAS
RD	RS	Royal Suite	RADIANCE OF THE SEAS
RD	SI	Interior Stateroom	RADIANCE OF THE SEAS
RD	SO	Oceanview Stateroom	RADIANCE OF THE SEAS
RD	SV	Superior Oceanview Suite	RADIANCE OF THE SEAS
RD	VA	Superior Oceanview Suite Acces	RADIANCE OF THE SEAS
RH	DA	Deluxe Oceanview StRm Access	RHAPSODY OF THE SEAS
RH	DD	Grand Suite	RHAPSODY OF THE SEAS
RH	DO	Deluxe Oceanview Stateroom	RHAPSODY OF THE SEAS
RH	DS	Junior Suite	RHAPSODY OF THE SEAS
RH	FF	Family Oceanview Stateroom	RHAPSODY OF THE SEAS
RH	FS	Royal Family Suite	RHAPSODY OF THE SEAS
RH	IA	Interior Stateroom Access	RHAPSODY OF THE SEAS
RH	JA	Junior Suite Access	RHAPSODY OF THE SEAS
RH	LA	Large Oceanview StRm Access	RHAPSODY OF THE SEAS
RH	LI	Large Interior Stateroom	RHAPSODY OF THE SEAS
RH	LO	Large Oceanview Stateroom	RHAPSODY OF THE SEAS
RH	OA	Superior Oceanview StRm Access	RHAPSODY OF THE SEAS
RH	OS	Superior Oceanview Stateroom	RHAPSODY OF THE SEAS
RH	OW	Owner's Suite	RHAPSODY OF THE SEAS
RH	RS	Royal Suite	RHAPSODY OF THE SEAS
RH	SA	Oceanview Stateroom Access	RHAPSODY OF THE SEAS
RH	SI	Interior Stateroom	RHAPSODY OF THE SEAS
RH	SP	Superior Interior Stateroom	RHAPSODY OF THE SEAS
RH	ST	Standard Inside-M/P/Q	RHAPSODY OF THE SEAS
RH	SU	Superior Interior Stateroom	RHAPSODY OF THE SEAS
RH	SV	Superior Oceanview Suite	RHAPSODY OF THE SEAS
RH	VA	Superior Oceanview Suite Acces	RHAPSODY OF THE SEAS
SM	CA	Concierge Class Accessible	SUMMIT
SM	CC	Concierge Class	SUMMIT
SM	CS	Celebrity Suite	SUMMIT
SM	DA	Deluxe Ocean View Accessible	SUMMIT
SM	DO	Deluxe Ocean View	SUMMIT
SM	FV	Family Ocean View	SUMMIT
SM	IS	Inside	SUMMIT
SM	IW	Inside Accessible	SUMMIT
SM	OS	Ocean View	SUMMIT
SM	OW	Ocean View Accessible	SUMMIT

Ship Code	Cabin Type	Description	Ship Name
SM	PS	Penthouse Suite	SUMMIT
SM	RS	Royal Suite	SUMMIT
SM	SA	Sky Suite Accessible	SUMMIT
SM	SS	Sky Suite	SUMMIT
SM	WC	Premium Ocean View Accessible	SUMMIT
SM	03	Large Ocean View Stateroom-03	SUMMIT
SM	04	Ocean View Stateroom - 04	SUMMIT
SM	05	Ocean View Stateroom -05	SUMMIT
SM	06	Ocean View Stateroom - 06	SUMMIT
SM	07	Ocean View Stateroom -07	SUMMIT
SM	08	Ocean View Stateroom - 08	SUMMIT
SM	09	Inside Stateroom - 09	SUMMIT
SM	1A	Premium Ocean View - 1A	SUMMIT
SM	1B	Premium Ocean View	SUMMIT
SM	1C	Premium Ocean View - 1C	SUMMIT
SM	10	Inside Stateroom - 10	SUMMIT
SM	11	Inside Stateroom - 11	SUMMIT
SM	12	Inside Stateroom - 12	SUMMIT
SM	2A	Deluxe Ocean View - 2A	SUMMIT
SM	2B	Deluxe Ocean View - 2B	SUMMIT
SM	2C	Deluxe Ocean View - 2C	SUMMIT
SP	DD	Grand Suite	SPLENDOR OF THE SEAS
SP	DO	Deluxe Oceanview Stateroom	SPLENDOR OF THE SEAS
SP	DS	Junior Suite	SPLENDOR OF THE SEAS
SP	FC	Family Suite - AA	SPLENDOR OF THE SEAS
SP	FS	Royal Family Suite	SPLENDOR OF THE SEAS
SP	IA	Interior Stateroom Access	SPLENDOR OF THE SEAS
SP	IP	Large Interior StRm Access	SPLENDOR OF THE SEAS
SP	JA	Junior Suite Access	SPLENDOR OF THE SEAS
SP	LA	Large Oceanview StRm Access	SPLENDOR OF THE SEAS
SP	LI	Large Interior Stateroom	SPLENDOR OF THE SEAS
SP	LO	Large Oceanview Stateroom	SPLENDOR OF THE SEAS
SP	OS	Superior Oceanview Stateroom	SPLENDOR OF THE SEAS
SP	OW	Owner's Suite	SPLENDOR OF THE SEAS
SP	RS	Royal Suite	SPLENDOR OF THE SEAS
SP	SA	Oceanview Stateroom Access	SPLENDOR OF THE SEAS
SP	SI	Interior Stateroom	SPLENDOR OF THE SEAS
SP	SU	Superior Interior Stateroom	SPLENDOR OF THE SEAS
SP	SV	Superior Oceanview Suite	SPLENDOR OF THE SEAS
SP	VA	Superior Oceanview Suite Acces	SPLENDOR OF THE SEAS
SR	B	DELUXE OUTSIDE SUITE-B	SERENADE OF THE SEAS
SR	BA	DLX OUTSIDE SUITE AFT CABIN-B	SERENADE OF THE SEAS
SR	BM	DLX OUTSIDE SUITE MID SHIP-B	SERENADE OF THE SEAS
SR	C	DELUXE OUTSIDE SUITE- C	SERENADE OF THE SEAS



Ship Code	Cabin Type	Description	Ship Name
SR	CA	DELUXE BALCONY ACCESSIBLE-C	SERENADE OF THE SEAS
SR	D	DELUXE OCEANVIEW STATEROOM	SERENADE OF THE SEAS
SR	DA	Deluxe Oceanview StRm Access	SERENADE OF THE SEAS
SR	DD	Grand Suite	SERENADE OF THE SEAS
SR	DO	Deluxe Oceanview Stateroom	SERENADE OF THE SEAS
SR	DS	Junior Suite	SERENADE OF THE SEAS
SR	EX	OUTSIDE ACCESSIBLE BALCONY-E3	SERENADE OF THE SEAS
SR	FA	Family Oceanview StRm Access	SERENADE OF THE SEAS
SR	FC	FAMILY CABIN W/WINDOW FF	SERENADE OF THE SEAS
SR	FF	Family Oceanview Stateroom	SERENADE OF THE SEAS
SR	FS	Royal Family Suite	SERENADE OF THE SEAS
SR	GA	STANDARD OUTSIDE ACCESSIBLE- G	SERENADE OF THE SEAS
SR	IA	Interior Stateroom Access	SERENADE OF THE SEAS
SR	JA	Junior Suite Access	SERENADE OF THE SEAS
SR	LA	Large Oceanview StRm Access	SERENADE OF THE SEAS
SR	LO	Large Oceanview Stateroom	SERENADE OF THE SEAS
SR	NA	STANDARD INSIDE ACCESSIBLE-N	SERENADE OF THE SEAS
SR	NS	STANDARD INSIDE SHORT- M,O,Q	SERENADE OF THE SEAS
SR	OA	Superior Oceanview StRm Access	SERENADE OF THE SEAS
SR	OB	OCEAN VIEW W/BALCONY- E1,E2,E3	SERENADE OF THE SEAS
SR	OD	Deluxe Oceanview Stateroom	SERENADE OF THE SEAS
SR	OS	Superior Oceanview Stateroom	SERENADE OF THE SEAS
SR	OV	Superior Oceanview Stateroom	SERENADE OF THE SEAS
SR	OW	Owner's Suite	SERENADE OF THE SEAS
SR	OX	Superior Oceanview StRm Acce	SERENADE OF THE SEAS
SR	QA	STANDARD INSIDE ACCESSIBLE-Q	SERENADE OF THE SEAS
SR	RS	Royal Suite	SERENADE OF THE SEAS
SR	SI	Interior Stateroom	SERENADE OF THE SEAS
SR	SO	Oceanview Stateroom	SERENADE OF THE SEAS
SR	SV	Superior Oceanview Suite	SERENADE OF THE SEAS
SR	VA	Superior Oceanview Suite Acces	SERENADE OF THE SEAS
SS	DD	Grand Suite	SOVEREIGN OF THE SEAS
SS	DO	Deluxe Oceanview Stateroom	SOVEREIGN OF THE SEAS
SS	DS	Junior Suite	SOVEREIGN OF THE SEAS
SS	IA	Interior Stateroom Access	SOVEREIGN OF THE SEAS
SS	JA	Junior Suite Access	SOVEREIGN OF THE SEAS
SS	LA	Large Oceanview StRm Access	SOVEREIGN OF THE SEAS
SS	LO	Large Oceanview Stateroom	SOVEREIGN OF THE SEAS
SS	OA	Superior Oceanview StRm Access	SOVEREIGN OF THE SEAS
SS	OS	Superior Oceanview Stateroom	SOVEREIGN OF THE SEAS
SS	OV	Superior Oceanview Stateroom	SOVEREIGN OF THE SEAS
SS	OW	Owner's Suite	SOVEREIGN OF THE SEAS
SS	OX	Superior Oceanview StRm Acce	SOVEREIGN OF THE SEAS
SS	RS	Royal Suite	SOVEREIGN OF THE SEAS

Ship Code	Cabin Type	Description	Ship Name
SS	SA	Oceanview Stateroom Access	SOVEREIGN OF THE SEAS
SS	SG	Deluxe Outside Accessible-C	SOVEREIGN OF THE SEAS
SS	SI	Interior Stateroom	SOVEREIGN OF THE SEAS
SS	SO	Oceanview Stateroom	SOVEREIGN OF THE SEAS
VI	DA	Deluxe Oceanview StRm Access	VISION OF THE SEAS
VI	DD	Grand Suite	VISION OF THE SEAS
VI	DO	Deluxe Oceanview Stateroom	VISION OF THE SEAS
VI	DS	Junior Suite	VISION OF THE SEAS
VI	FF	Family Oceanview Stateroom	VISION OF THE SEAS
VI	FS	Royal Family Suite	VISION OF THE SEAS
VI	JA	Junior Suite Access	VISION OF THE SEAS
VI	LA	Large Oceanview StRm Access	VISION OF THE SEAS
VI	LI	Large Interior Stateroom	VISION OF THE SEAS
VI	LO	Large Oceanview Stateroom	VISION OF THE SEAS
VI	OA	Superior Oceanview StRm Access	VISION OF THE SEAS
VI	OS	Superior Oceanview Stateroom	VISION OF THE SEAS
VI	OW	Owner's Suite	VISION OF THE SEAS
VI	RS	Royal Suite	VISION OF THE SEAS
VI	SA	Oceanview Stateroom Access	VISION OF THE SEAS
VI	SI	Interior Stateroom	VISION OF THE SEAS
VI	SP	Superior Interior Stateroom	VISION OF THE SEAS
VI	ST	Standard Inside-M/P/Q	VISION OF THE SEAS
VI	SU	Superior Interior Stateroom	VISION OF THE SEAS
VI	SV	Superior Oceanview Suite	VISION OF THE SEAS
VI	VA	Superior Oceanview Suite Acces	VISION OF THE SEAS
VY	DA	Deluxe Oceanview StRm Access	VOYAGER OF THE SEAS
VY	DD	Grand Suite	VOYAGER OF THE SEAS
VY	DO	Deluxe Oceanview Stateroom	VOYAGER OF THE SEAS
VY	DS	Junior Suite	VOYAGER OF THE SEAS
VY	FF	Family Oceanview Stateroom	VOYAGER OF THE SEAS
VY	FS	Royal Family Suite	VOYAGER OF THE SEAS
VY	IA	Interior Stateroom Access	VOYAGER OF THE SEAS
VY	JA	Junior Suite Access	VOYAGER OF THE SEAS
VY	LO	Large Oceanview Stateroom	VOYAGER OF THE SEAS
VY	OA	Superior Oceanview StRm Access	VOYAGER OF THE SEAS
VY	OS	Superior Oceanview Stateroom	VOYAGER OF THE SEAS
VY	OW	Owner's Suite	VOYAGER OF THE SEAS
VY	RS	Royal Suite	VOYAGER OF THE SEAS
VY	SA	Oceanview Stateroom Access	VOYAGER OF THE SEAS
VY	SI	Interior Stateroom	VOYAGER OF THE SEAS
VY	SO	Oceanview Stateroom	VOYAGER OF THE SEAS
VY	ST	Standard Inside Stateroom-MNOP	VOYAGER OF THE SEAS
VY	SV	Superior Oceanview Suite	VOYAGER OF THE SEAS
VY	TA	Promenade Stateroom Access	VOYAGER OF THE SEAS



Ship Code	Cabin Type	Description	Ship Name
VY	TR	Promenade Stateroom	VOYAGER OF THE SEAS
VY	VA	Superior Oceanview Suite Acces	VOYAGER OF THE SEAS
XP	PS	Penthouse Suite	CELEBRITY XPEDITION
XP	XD	Deluxe Stateroom	CELEBRITY XPEDITION
XP	XJ	Xpedition Junior Suite	CELEBRITY XPEDITION
XP	XO	Ocean View Stateroom	CELEBRITY XPEDITION
XP	XP	Premium Stateroom	CELEBRITY XPEDITION
XP	XS	Xpedition Suite	CELEBRITY XPEDITION
ZN	CC	Concierge Class	ZENITH
ZN	IS	Inside	ZENITH
ZN	OS	Ocean View	ZENITH
ZN	SQ	Inside Stateroom - 09	ZENITH
ZN	ZS	Zenith Suite	ZENITH
ZN	01	Royal Suite	ZENITH
ZN	02	Premium Ocean View	ZENITH
ZN	03	Premium Ocean View Stateroom-3	ZENITH
ZN	04	Ocean View Stateroom W/Picture	ZENITH
ZN	05	Ocean View Stateroom W/Picture	ZENITH
ZN	06	Ocean View Stateroom W/Picture	ZENITH
ZN	07	Ocean View Stateroom W/Picture	ZENITH
ZN	08	Ocean View Stateroom W/Port-8	ZENITH
ZN	09	Inside Stateroom-09	ZENITH
ZN	10	Inside Stateroom-10	ZENITH
ZN	11	Inside Stateroom-11	ZENITH
ZN	12	Inside Stateroom -12	ZENITH
ZN	14	Premium Ocean View Stateroom	ZENITH
ZN	15	Wheelchair Accessible Stateroo	ZENITH

**TABLE 19 – Deck Codes by Ship**

NOTE: Tables are for example only, not to be considered as current production data.

Ship Code	Deck Code	Description	Ship Name
AD	02	DECK TWO	AD
AD	03	DECK THREE	AD
AD	04	DECK FOUR	AD
AD	05	DECK FIVE	AD
AD	06	DECK SIX	AD
AD	07	DECK SEVEN	AD
AD	08	DECK EIGHT	AD
AD	09	DECK NINE	AD
AD	10	DECK TEN	AD
AD	11	DECK ELEVEN	AD
AD	12	DECK TWELVE	AD
AD	13	DECK THIRTEEN	AD
AD	14	DECK FOURTEEN	AD
AD	15	DECK FIFTEEN	AD
BR	02	DECK TWO	BR
BR	03	DECK THREE	BR
BR	04	DECK FOUR	BR
BR	05	DECK FIVE	BR
BR	06	DECK SIX	BR
BR	07	DECK SEVEN	BR
BR	08	DECK EIGHT	BR
BR	09	DECK NINE	BR
BR	10	DECK TEN	BR
BR	11	DECK ELEVEN	BR
BR	12	DECK TWELVE	BR
BR	13	DECK THIRTEEN	BR
CN	CN	CONTINENTAL DECK	CN
CN	EN	ENTERTAINMENT DECK	CN
CN	PD	PROMENADE DECK	CN
CN	PH	PENTHOUSE DECK	CN
CN	PL	PLAZA DECK	CN
CN	PN	PANORAMA DECK	CN
CN	RS	RESORT DECK	CN
CN	SP	SPORTS DECK	CN
CN	SR	SUNRISE DECK	CN
CN	VS	VISTA DECK	CN
CS	CN	CONTINENTAL DECK	CS
CS	EN	ENTERTAINMENT DECK	CS
CS	PD	PROMENADE DECK	CS
CS	PH	PENTHOUSE DECK	CS

Ship Code	Deck Code	Description	Ship Name
CS	PL	PLAZA DECK	CS
CS	PN	PANORAMA DECK	CS
CS	RS	RESORT DECK	CS
CS	SK	SKY DECK	CS
CS	SP	SPORTS DECK	CS
CS	SR	SUNRISE DECK	CS
CS	VS	VISTA DECK	CS
EN	AD	DECK THREE	EN
EN	BD	DECK TWO	EN
EN	BR	DECK EIGHT	EN
EN	CD	DECK TEN	EN
EN	CM	DECK SEVEN	EN
EN	MD	DECK FOUR	EN
EN	MR	DECK SIX	EN
EN	PD	DECK FIVE	EN
EN	SD	DECK NINE	EN
EN	VC	DECK ELEVEN	EN
EX	02	DECK TWO	EX
EX	03	DECK THREE	EX
EX	04	DECK FOUR	EX
EX	05	DECK FIVE	EX
EX	06	DECK SIX	EX
EX	07	DECK SEVEN	EX
EX	08	DECK EIGHT	EX
EX	09	DECK NINE	EX
EX	10	DECK TEN	EX
EX	11	DECK ELEVEN	EX
EX	12	DECK TWELVE	EX
EX	13	DECK THIRTEEN	EX
EX	14	DECK FOURTEEN	EX
EX	15	DECK FIFTEEN	EX
FR	02	DECK TWO	FR
FR	03	DECK THREE	FR
FR	04	DECK FOUR	FR
FR	05	DECK FIVE	FR
FR	06	DECK SIX	FR
FR	07	DECK SEVEN	FR
FR	08	DECK EIGHT	FR
FR	09	DECK NINE	FR
FR	10	DECK TEN	FR
FR	11	DECK ELEVEN	FR
FR	12	DECK TWELVE	FR
FR	13	DECK THIRTEEN	FR
FR	14	DECK FOURTEEN	FR

Ship Code	Deck Code	Description	Ship Name
FR	15	DECK FIFTEEN	FR
GL	CN	CONTINENTAL DECK	GL
GL	EN	ENTERTAINMENT DECK	GL
GL	PD	PROMENADE DECK	GL
GL	PH	PENTHOUSE DECK	GL
GL	PL	PLAZA DECK	GL
GL	PN	PANORAMA DECK	GL
GL	RS	RESORT DECK	GL
GL	SK	SKY DECK	GL
GL	SR	SUNRISE DECK	GL
GL	VS	VISTA DECK	GL
GR	AD	DECK THREE	GR
GR	BD	DECK TWO	GR
GR	BR	DECK EIGHT	GR
GR	CD	DECK TEN	GR
GR	CM	DECK SEVEN	GR
GR	MD	DECK FOUR	GR
GR	MR	DECK SIX	GR
GR	PD	DECK FIVE	GR
GR	SD	DECK NINE	GR
GR	VC	DECK ELEVEN	GR
IE	AD	AQUA DECK	IE
IE	BD	BRONZE DECK-4	IE
IE	CD	COMPASS DECK-11	IE
IE	CR	CORAL DECK-5	IE
IE	DD	DIAMOND DECK-6	IE
IE	ED	EMERALD DECK-7	IE
IE	FD	FLAMINGO DECK-8	IE
IE	GD	GOLDEN DECK-9	IE
IE	SD	SUN DECK-10	IE
IN	CN	CONTINENTAL DECK	IN
IN	EN	ENTERTAINMENT DECK	IN
IN	PD	PROMENADE DECK	IN
IN	PH	PENTHOUSE DECK	IN
IN	PL	PLAZA DECK	IN
IN	PN	PANORAMA DECK	IN
IN	RS	RESORT DECK	IN
IN	SK	SKY DECK	IN
IN	SP	SPORTS DECK	IN
IN	SR	SUNRISE DECK	IN
IN	VS	VISTA DECK	IN
IS	AD	AQUA DECK - 3	IS
IS	BD	BRONZE DECK - 4	IS
IS	CD	CORAL DECK - 5	IS

Ship Code	Deck Code	Description	Ship Name
IS	DD	DIAMOND DECK - 6	IS
IS	FD	FANTASY DECK - 8	IS
IS	GD	GOLDEN DECK - 9	IS
IS	PD	PLATINUM DECK - 11	IS
IS	PR	PALM DECK - 7	IS
IS	SD	SUN DECK - 12	IS
IS	SR	SAPPHIRE DECK - 10	IS
JR	03	DECK THREE	JR
JR	04	DECK FOUR	JR
JR	05	DECK FIVE	JR
JR	06	DECK SIX	JR
JR	07	DECK SEVEN	JR
JR	08	DECK EIGHT	JR
JR	09	DECK NINE	JR
JR	10	DECK TEN	JR
JR	11	DECK ELEVEN	JR
JW	02	DECK TWO	JW
JW	03	DECK THREE	JW
JW	04	DECK FOUR	JW
JW	05	DECK FIVE	JW
JW	06	DECK SIX	JW
JW	07	DECK SEVEN	JW
JW	08	DECK EIGHT	JW
JW	09	DECK NINE	JW
JW	10	DECK TEN	JW
JW	11	DECK ELEVEN	JW
JW	12	DECK TWELVE	JW
JW	13	DECK THIRTEEN	JW
LB	02	DECK TWO	LB
LB	03	DECK THREE	LB
LB	04	DECK FOUR	LB
LB	05	DECK FIVE	LB
LB	06	DECK SIX	LB
LB	07	DECK SEVEN	LB
LB	08	DECK EIGHT	LB
LB	09	DECK NINE	LB
LB	10	DECK TEN	LB
LB	11	DECK ELEVEN	LB
LB	12	DECK TWELVE	LB
LB	13	DECK THIRTEEN	LB
LB	14	DECK FOURTEEN	LB
LB	15	DECK FIFTEEN	LB
LG	AD	DECK THREE	LG
LG	BD	DECK TWO	LG

Ship Code	Deck Code	Description	Ship Name
LG	BR	DECK EIGHT	LG
LG	CD	DECK TEN	LG
LG	CM	DECK SEVEN	LG
LG	MD	DECK FIVE	LG
LG	MR	DECK SIX	LG
LG	PD	DECK FOUR	LG
LG	SD	DECK NINE	LG
LG	VC	DECK ELEVEN	LG
MA	02	DECK TWO	MA
MA	03	DECK THREE	MA
MA	04	DECK FOUR	MA
MA	05	DECK FIVE	MA
MA	06	DECK SIX	MA
MA	07	DECK SEVEN	MA
MA	08	DECK EIGHT	MA
MA	09	DECK NINE	MA
MA	10	DECK TEN	MA
MA	11	DECK ELEVEN	MA
MA	12	DECK TWELVE	MA
MA	13	DECK THIRTEEN	MA
MA	14	DECK FOURTEEN	MA
MA	15	DECK FIFTEEN	MA
MJ	AD	DECK THREE	MJ
MJ	BD	DECK TWO	MJ
MJ	BR	DECK TEN	MJ
MJ	CD	DECK TWELVE	MJ
MJ	CM	DECK NINE	MJ
MJ	MD	DECK FOUR	MJ
MJ	MR	DECK EIGHT	MJ
MJ	PD	DECK SEVEN	MJ
MJ	SD	DECK ELEVEN	MJ
MJ	SH	DECK FIVE	MJ
MJ	TD	DECK SIX	MJ
ML	CN	CONTINENTAL DECK	ML
ML	EN	ENTERTAINMENT DECK	ML
ML	PD	PROMENADE DECK	ML
ML	PH	PENTHOUSE DECK	ML
ML	PL	PLAZA DECK	ML
ML	PN	PANORAMA DECK	ML
ML	RS	RESORT DECK	ML
ML	SK	SKY DECK	ML
ML	SP	SPORTS DECK	ML
ML	SR	SUNRISE DECK	ML
ML	VS	VISTA DECK	ML

Ship Code	Deck Code	Description	Ship Name
MN	AD	DECK THREE	MN
MN	BD	DECK TWO	MN
MN	BR	DECK TEN	MN
MN	CD	DECK TWELVE	MN
MN	CM	DECK NINE	MN
MN	MD	DECK FOUR	MN
MN	MR	DECK EIGHT	MN
MN	PD	DECK SEVEN	MN
MN	SD	DECK ELEVEN	MN
MN	SH	DECK FIVE	MN
MN	TW	DECK SIX	MN
MR	CN	CONTINENTAL DECK	MR
MR	EN	ENTERTAINMENT DECK	MR
MR	PD	PROMENADE DECK	MR
MR	PH	PENTHOUSE DECK	MR
MR	PL	PLAZA DECK	MR
MR	PN	PANORAMA DECK	MR
MR	RS	RESORT DECK	MR
MR	SK	SKY DECK	MR
MR	SR	SUNRISE DECK	MR
MR	VS	VISTA DECK	MR
NE	AD	DECK FOUR	NE
NE	BD	DECK THREE	NE
NE	BR	DECK NINE	NE
NE	CD	DECK ELEVEN	NE
NE	CM	DECK EIGHT	NE
NE	MD	DECK FIVE	NE
NE	MR	DECK SEVEN	NE
NE	SD	DECK TEN	NE
NE	SH	DECK SIX	NE
NV	02	DECK TWO	NV
NV	03	DECK THREE	NV
NV	04	DECK FOUR	NV
NV	05	DECK FIVE	NV
NV	06	DECK SIX	NV
NV	07	DECK SEVEN	NV
NV	08	DECK EIGHT	NV
NV	09	DECK NINE	NV
NV	10	DECK TEN	NV
NV	11	DECK ELEVEN	NV
NV	12	DECK TWELVE	NV
NV	13	DECK THIRTEEN	NV
NV	14	DECK FOURTEEN	NV
NV	15	DECK FIFTEEN	NV

Ship Code	Deck Code	Description	Ship Name
RD	02	DECK TWO	RD
RD	03	DECK THREE	RD
RD	04	DECK FOUR	RD
RD	05	DECK FIVE	RD
RD	06	DECK SIX	RD
RD	07	DECK SEVEN	RD
RD	08	DECK EIGHT	RD
RD	09	DECK NINE	RD
RD	10	DECK TEN	RD
RD	11	DECK ELEVEN	RD
RD	12	DECK TWELVE	RD
RD	13	DECK THIRTEEN	RD
RH	AD	DECK THREE	RH
RH	BD	DECK TWO	RH
RH	BR	DECK EIGHT	RH
RH	CD	DECK TEN	RH
RH	CM	DECK SEVEN	RH
RH	MD	DECK FOUR	RH
RH	MR	DECK SIX	RH
RH	PD	DECK FIVE	RH
RH	SD	DECK NINE	RH
RH	VC	DECK ELEVEN	RH
SM	CN	CONTINENTAL DECK	SM
SM	EN	ENTERTAINMENT DECK	SM
SM	PD	PROMENADE DECK	SM
SM	PH	PENTHOUSE DECK	SM
SM	PL	PLAZA DECK	SM
SM	PN	PANORAMA DECK	SM
SM	RS	RESORT DECK	SM
SM	SK	SKY DECK	SM
SM	SP	SPORTS DECK	SM
SM	SR	SUNRISE DECK	SM
SM	VS	VISTA DECK	SM
SP	AD	DECK THREE	SP
SP	BD	DECK TWO	SP
SP	BR	DECK EIGHT	SP
SP	CD	DECK TEN	SP
SP	CM	DECK SEVEN	SP
SP	MD	DECK FIVE	SP
SP	MR	DECK SIX	SP
SP	PD	DECK FOUR	SP
SP	SD	DECK NINE	SP
SP	VC	DECK ELEVEN	SP
SR	02	DECK TWO	SR



Ship Code	Deck Code	Description	Ship Name
SR	03	DECK THREE	SR
SR	04	DECK FOUR	SR
SR	05	DECK FIVE	SR
SR	06	DECK SIX	SR
SR	07	DECK SEVEN	SR
SR	08	DECK EIGHT	SR
SR	09	DECK NINE	SR
SR	10	DECK TEN	SR
SR	11	DECK ELEVEN	SR
SR	12	DECK TWELVE	SR
SR	13	DECK THIRTEEN	SR
SS	AD	DECK THREE	SS
SS	BD	DECK TWO	SS
SS	BR	DECK TEN	SS
SS	CD	DECK TWELVE	SS
SS	CM	DECK NINE	SS
SS	MD	DECK FOUR	SS
SS	MR	DECK EIGHT	SS
SS	PD	DECK SEVEN	SS
SS	SD	DECK ELEVEN	SS
SS	SH	DECK FIVE	SS
SS	TW	DECK SIX	SS
VI	AD	DECK THREE	VI
VI	BD	DECK TWO	VI
VI	BR	DECK EIGHT	VI
VI	CD	DECK TEN	VI
VI	CM	DECK SEVEN	VI
VI	MD	DECK FOUR	VI
VI	MR	DECK SIX	VI
VI	PD	DECK FIVE	VI
VI	SD	DECK NINE	VI
VI	VC	DECK ELEVEN	VI
VY	02	DECK TWO	VY
VY	03	DECK THREE	VY
VY	04	DECK FOUR	VY
VY	05	DECK FIVE	VY
VY	06	DECK SIX	VY
VY	07	DECK SEVEN	VY
VY	08	DECK EIGHT	VY
VY	09	DECK NINE	VY
VY	10	DECK TEN	VY
VY	11	DECK ELEVEN	VY
VY	12	DECK TWELVE	VY
VY	13	DECK THIRTEEN	VY

Ship Code	Deck Code	Description	Ship Name
VY	14	DECK FOURTEEN	VY
VY	15	DECK FIFTEEN	VY
XP	MA	MARINA DECK	XP
XP	PN	PANORAMA DECK	XP
XP	SR	SUNRISE DECK	XP
XP	VI	VISTA DECK	XP
ZN	AT	ATLANTIC DECK	ZN
ZN	BA	BAHAMAS DECK	ZN
ZN	CR	CARIBBEAN DECK	ZN
ZN	ER	EUROPA DECK	ZN
ZN	FL	FLORIDA DECK	ZN
ZN	FN	FANTASY DECK	ZN
ZN	GL	GALAXY DECK	ZN
ZN	MR	MARINA DECK	ZN
ZN	SN	SUN DECK	ZN

## ***APPENDIX D – OTA Code Type Reference***

The OTA Code table is used by RCL with some extensions and the content of this section is provided as a separate artifact.

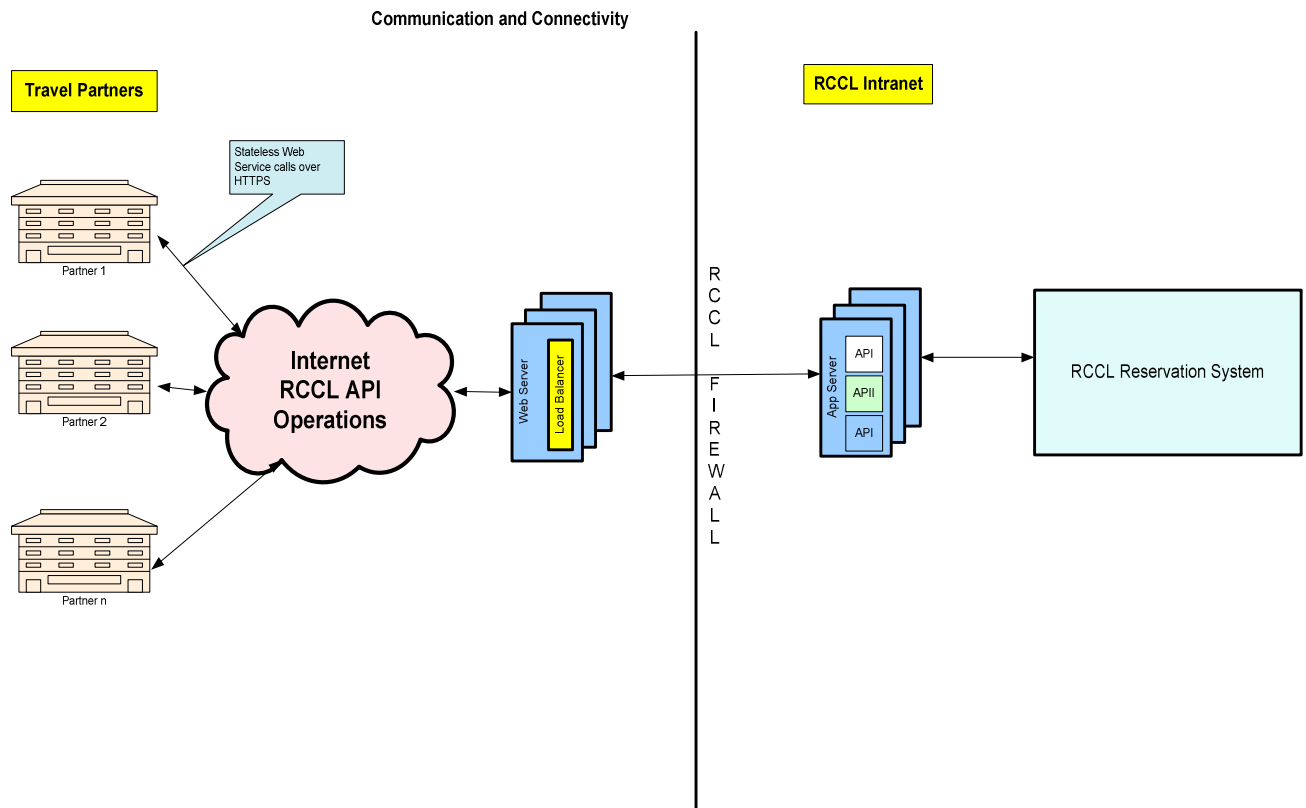
## ***APPENDIX E – Error and Warning Messages***

The content for this section has been provided as a part of RCL\_Cruise\_API\_Specification\_Appendix\_Tables.xls, which is included as a part of the release artifacts.

## APPENDIX F – Communication and Connectivity

This section depicts the communication and connectivity mechanism that needs to be employed in order to invoke all the API transactions that are mentioned in this document.

As depicted below, all communication to the RCL reservation system using the APIs needs to be conducted using web service calls by the RCL partners. These web service call invocations should be considered stateless and the underlying protocol that will be used for all communication will be secure HTTP (HTTPS).



More detailed content for this section will be provided in the next RCL API specifications release.

## ***APPENDIX G – Application and System Testing***

The content for this section is partner environment specific and will be provided separately to each partner.