



# Avtra PSS

## XML API Specification

Booking and Manage Booking Flow Integration

Version 7.0



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## 1. Introduction

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Online Travel Portals and other B2B integrators use this API of Passenger Service System (PSS) for performing search, book and modify operations.

All the APIs are implemented as stateless, RESTful web services with XML message format. Services are allowed to be accessed over a secure HTTPS connection only. OpenTravel Alliance's (<https://opentravel.org/>) XML schema standards version 2013B is adopted for the message formats specification and is continuously being refined to keep up with the latest standards and technologies.

The scope of the document is to explain the various service APIs made available and standards followed in doing so. Each API is described with following details;

- Request and Response XML schema definitions
- Detailed description of the service
- Possible error messages returned by the server
- Sample request and response messages

## 2. Services – Summary

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Operation	Request Schema	Response Schema	Resource
Ping	OTA_PingRQ.xsd	OTA_PingRS.xsd	/services/ping
Low Fare Search	OTA_AirLowFareSearchRQ.xsd	OTA_AirLowFareSearchRS.xsd	/availability/lowfaresearch
Fare Family Search	OTA_AirLowFareSearchRQ.xsd	OTAPSS_AirFareFamilySearchRS.xsd	/availability/farefamilysearch
Flight Availability	OTA_AirAvailRQ.xsd	OTA_AirAvailRS.xsd	availability/flightavailabilitysearch
Price Quote	OTA_AirPriceRQ.xsd	OTA_AirPriceRS.xsd	availability/pricequote
Fare Rule	OTAPSS_AirFareRuleRQ.xsd	OTAPSS_AirFareRuleRS.xsd	/availability/fareRuleInformation

Book & Ticket	OTA_AirBookRQ.xsd	OTA_AirBookRS.xsd	/booking/create
Read Reservation	OTA_ReadRQ.xsd	OTA_AirBookRS.xsd	/booking/read
Book & Pay Later	OTA_AirBookRQ.xsd	OTA_AirBookRS.xsd	/booking/create
Ticket a Booking (Confirm booking)	OTA_AirBookModifyRQ.xsd	OTA_AirBookRS.xsd	/modifybooking/confirm
Cancel Fee Query	OTA_AirBookModifyRQ.xsd	OTAPSS_AirBookModifyChargeRS.xsd	/modifybooking/fees
Cancel Booking	OTA_AirBookModifyRQ.xsd	OTA_AirBookRS.xsd	/modifybooking/cnxbkg
Seat Availability	OTA_AirSeatMapV2RQ.xsd	OTA_AirSeatMapV2RS.xsd	/ancillary/seatmapdetailsv2
SSR Availability	OTA_AirSpecialServiceV2RQ.xsd	OTAPSS_AirSpecialServiceV2RS.xsd	/ancillary/ssrdetailsv2
Baggage Availability	OTA_AirBaggageRQ.xsd	OTA_AirBaggageRS.xsd	/ancillary/baggagedetails
Modify Ancillary	OTA_AirBookModifyRQ.xsd	OTA_AirBookRS.xsd	/modifybooking/modifyancillary
Reschedule Price Quote	OTA_AirBookModifyRQ.xsd	OTA_AirLowFareSearchRS.xsd	/modifybooking/reschedulepricequote
Reschedule	OTA_AirBookModifyRQ.xsd	OTA_AirBookRS.xsd	/modifybooking/reschedulebooking
Reschedule Segment Price Quote	OTA_AirBookModifyRQ.xsd	OTA_AirLowFareSearchRS.xsd	/modifybooking/reschedulesegmentpricequote

Reschedule segment	OTA_AirBookModifyRQ.xsd	OTA_AirBookRS.xsd	/modifybooking/reschedule segment
Split Booking	OTA_AirBookModifyRQ.xsd	OTA_AirBookRS.xsd	/modifybooking/splitbkg
Void Booking	OTA_AirBookModifyRQ.xsd	OTA_AirBookRS.xsd	/modifybooking/void
Edit Booking Contact	OTA_AirBookModifyRQ.xsd	OTA_AirBookRS.xsd	/modifybooking/edit BookingContact

End point URL = <will be provided with test system access>

## 3. Security

All the services are authenticated using HTTP basic authentication. For this base64 encoded authorization key needs to be sent in the HTTP header as illustrated below. This key would be provided when API integration work commenced. In the production environment, services are only made accessible over a secure HTTPS connection.

HTTP Header	Value
authorization	<p>Base64 encoded String</p> <p>Example: Ob6RzQODMh91yAdihui9gamZX2c4td1XOb6RzQODMh91yAdihui9gamZX2c4td1X</p>

If the Authorization HTTP header parameter is not present or invalid, "Authorization error" is returned in response.

## 4. Common Message Standards

### 4.1. Payload Attributes

Following are common payload attributes that should be present in every message.

Attribute	Description
EchoToken	A reference for additional message identification, assigned by the requesting host system
TimeStamp	Timestamp indicating the creation date and time of the message
Target	Test or Production target system indicator
Version	The OpenTravel message version indicated by a decimal value
SequenceNmbr	The sequence number of the transaction assigned by the sending system for ordered message processing or message resynchronization
PrimaryLangID	The primary language preference for the message encoded as ISO 639-3

A sample Message root element is given below;

```
<OTA_AirLowFareSearchRQ xmlns="http://www.opentravel.org/OTA/2003/05"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" EchoToken="10001"
TimeStamp="2019-12-01T19:44:10-05:00" Target="Test" SequenceNmbr="1" Version="2.001"
PrimaryLangID="En-us">
```

## 4.2. Common Response Messages

Response Flag	Description
Success	Flag indicating that the request message was correctly processed
Warning	In a successful message, it indicates that some processing issues were encountered while handling the query but it did not prevent the being processed
Error	When error is encountered while processing the query, it is reported in the Error element. This Error code and description would be used to inquire on the issue.  All errors are mapped to standard OTA error codes defined in OTA code list.

### 4.3. Common Error List

List of general errors that could be returned by any of the services are given below.

Error Code	Error Name	Error Description
497	Authorization error	Authorization failed due to invalid login details.
197	Error occurred- please report	Unknown error has occurred.
111	Invalid Request	Invalid data in the request.
169	Agent code invalid	Invalid Agent Code in POS.
171	Booking not made by this agent	Booking not made by this agent
172	Requested action not possible - Insufficient privilege for required action	Insufficient privilege to continue action
633	We are unable to process your request - Missing payload attributes	Missing payload attributes

### 4.4. Point of Sale (POS) specification

POS elements need to be sent for all requests and it holds information about the requestor. Required attributes are listed below.

Attribute	Description
AirlineVendorID	IATA assigned 2-letter airline code corresponding to target airline
ISOCountry	ISO 2-letter country code
ISOCurrency	ISO 3-letter currency code. This currency needs to be pre-agreed between the airline and the integrator.
RequestorID.Type	Type of the ID as per the OTA code list. Value 5 ("Travel Agent") must be set
RequestorID.ID	Unique identification code (Agency ID) given to the service requestor

A sample POS element is given below:

```
<POS>
  <Source AirlineVendorID="T1" ISOCountry="AE" ISOCurrency="USD">
    <RequestorID Type="5" ID="ONLINETA"/> </Source>
</POS>
```

## 4.5. Passenger Type Code

Following are the passenger type codes supported

- ADT
- CHD
- INF

## 4.6. Passenger Title Code

Following are the passenger title codes supported

Passenger Type Code	Gender	Title
ADT	M	Mr
ADT	F	Mrs
ADT	F	Ms
CHD	M	Master
CHD	F	Miss
INF	M	Master
INF	F	Miss

## 4.7. Cabin

Following are the cabin classes supported

- Economy
- Premium Economy
- Business



## 4.8. Direction

Following are the directions supported

- OneWay
- Return

## 4.9. Sales Type

Following are the sales types supported

- STANDARD
- NEGO

# 5. API Specifications

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## 5.1. Ping

The Ping message pair is used to test application connectivity by sending some specific text and determining if the receiving application is able to echo back that same text. The free-text data that is passed in the request is echoed back in the response message.

Note that following HTTP header parameters are to be sent with every request.

Header Parameter	Value
Accept	application/xml
Content-Type	application/xml
Authorization	<ota_authorization_key>

## 5.2. Low Fare Search

The Low Fare Search Request message requests priced itinerary options for flights between specific city pairs on specific dates for specific numbers and types of passengers. Sales type preference should be included under processing info to filter out the search results. Lowest total price per possible journey

combinations are returned in the response. One Way and Return low fare availability searches are supported.

Following are the list of error codes specific for low fare search.

Error Code	Error Name	Error Description
020	Number of passengers invalid	Invalid number of passengers
026	At least one adult must be included	Child Only Bookings are not allowed (When the requesting user is not authorized to do so)
124	Too many infants requested	Too many infants requested (One infant per adult is only allowed)
531	Flight does not operate on date requested	No flights available on requested date or route is not valid
532	No Availability on requested date	Fares not available or fully booked.

Note that following HTTP header parameters are to be sent with every request.

Header Parameter	Value
Accept	application/xml
Content-Type	application/xml
Authorization	<ota_authorization_key>

### 5.3. Fare Family Low Fare Search

The Fare Family Low Fare Search Request message requests fare family wise lowest priced itinerary options for all available flights combinations between specific city pairs on specific dates for specific numbers and types of passengers.

Following are the list of error codes specific for low fare search.

Error Code	Error Name	Error Description
020	Number of passengers invalid	Invalid number of passengers
026	At least one adult must be included	Child Only Bookings are not allowed (When the requesting user is not authorized to do so)
124	Too many infants requested	Too many infants requested (One infant per adult is only allowed)
531	Flight does not operate on date requested	No flights available on requested date or route is not valid
532	No Availability on requested date	Fares not available or fully booked.

Note that request is similar to that of Low Fare Search API however the day variance is not supported in Fare Family search.

## 5.4. Flight Availability Search

The Availability Request message requests Flight Availability for an airport pair on a specific date for a specific number and type of passengers. The API returns all available flights with all visible and available RBDs.

Whether pricing is sought for free sale (STANDARD) or negotiated blocks (NEGO) to be specified in the request.

Following are the list of error codes specific for low fare search

Error Code	Error Name	Error Description
026	At least one adult must be included	Child Only Bookings are not allowed (When the requesting user is not authorized to do so)
124	Too many infants requested	Too many infants requested (One infant per adult is only allowed)

531	Flight does not operate on date requested	No flights available on requested date or route is not valid
532	No Availability on requested date	Fares not available or fully booked.

## 5.5. Price Quote

This is the API for requesting pricing information for specific flights on specific dates for a specific number and type of passengers. The pricing request contains the information necessary to perform an availability / sell from availability / price series of entries on the airline.

Pricing for specific selected RBD of each flight segment or lowest available price for the specified flight segment(s) can be requested.

Following are the list of error codes specific for low fare search.

Error Code	Error Name	Error Description
020	Number of passengers invalid	Invalid number of passengers
026	At least one adult must be included	Child Only Bookings are not allowed (When the requesting user is not authorized to do so)
124	Too many infants requested	Too many infants requested (One infant per adult is only allowed)
531	Flight does not operate on date requested	No flights available on requested date or route is not valid
532	No Availability on requested date	Fares not available or fully booked.

## 5.6. Retrieve Fare Rule

Requests fare rule information in free text form for specified flight segment and fare information. Fare rule display text information setup against respective fare would be returned in the response.

Following are the list of error codes specific for fare rule retrieval

Error Code	Error Name	Error Description
320	Invalid information	Fare or Flight information given are invalid

113	Mandatory details missing	Mandatory details missing - Flight Segment RPH
91	Fare class mismatch	Mismatch in Flight Segment and Fare Basis Count

## 5.7. Book & Ticket

The Book Request message requests the system to book a specific itinerary for one or more identified passengers. The message contains mandatory flight details, traveler details, pricing information (that were given in the low fare search response) and fulfillment details. If the requested seats are still available, the system will confirm the booking with payment fulfillment and send back the booking reference and ticket number(s) in the response along with flight details, traveler details and price details.

### Additional Passenger Information:

Additional Passenger Information (or also known as Advance Passenger Information) to collect is configurable per airport and is subject to the airline's business rules.

Following Advanced Passenger Information is supported through API.

#### Passenger Information

- Date of Birth
- First Name
- Last Name
- Gender
- Nationality
- Title
- Travel With Adult
- Mobile Number
- Email
- Home Telephone Number

#### Passport Information

- Expiry Date
- Issuing Country
- Nationality
- Passport Number

#### VISA Information

- Applicable Country
- Issuing Date
- Nationality
- Place of Birth
- Place of Issue
- VISA Number

#### Residence Address Information

- Address Detail
- City
- Country
- State
- ZIP/Postal Code

#### Destination Address Information

- Address Detail
- City
- Country
- State
- ZIP/Postal Code

#### Booking Contact Information:

Booking contact information should be sent as separate element

- Email
- Mobile Number
- Home Telephone Number

Following are lists of error codes specific for book & ticket.

Error Code	Error Name	Error Description
009	Requested service is fully booked	Requested SSR, Meal or Baggage is Not Available
041	Occupancy must include an adult	No accompanied adult found (If not authorized to do child only bookings)
058	Price(s) cannot be validated	Requested price is not valid or price has been changed.

113	Mandatory booking details missing	Mandatory booking details e.g. APIS information
115	Board basis/meal plan invalid	Invalid Meal Request
146	Service requested incorrect	Invalid SSR, Seat or Baggage Request
167	Payment rejected	Available Agent Credit is not enough.
526	Seat already assigned	Requested Seat Not Available

## 5.8. Read Booking

The Read Request message requests the system to retrieve a booking specifying the booking reference. If the requesting party is eligible to view the booking, in the response, system will send the detailed booking information which includes flight details, traveler details, contact detail, fulfillment details and pricing details.

Following are lists of error codes specific for read booking.

Error Code	Error Name	Error Description
171	Booking not made by this agent	Invalid Booking read Request
194	No matching bookings found	Invalid PNR

## 5.9. TTL Book (Book & Pay Later)

This is the API to make a time limited booking to a specific itinerary for one or more identified passengers. The message contains mandatory flight details, traveler details, pricing information (which were obtained from Low Fare or Price Quote API responses) and ticketing information specifying ticketing status to be TTL (refer OTA code type TST) .

If the requested seats are still available and if the user is allowed to perform a TTL booking, the system will perform a TTL booking. Ticketing Time Limit will be notified through the booking response under the ticketing information, along with the booking reference, flight details, traveler details and price details.

Note that all output parameterization options available for book & ticket API as well as read reservation API are available for output of this API as well.

Following are lists of error codes specific for TTL booking. Error codes specified in Booking & Ticket are also relevant.

Error Code	Error Name	Error Description
009	Requested service is fully booked	Requested SSR, Meal or Baggage is Not Available
041	Occupancy must include an adult	No accompanied adult found (If not authorized to do child only bookings)
058	Price(s) cannot be validated	Requested price is not valid or price has been changed.
113	Mandatory booking details missing	Mandatory booking details e.g. APIS information
111	Invalid Request - Fulfillment data not required for TTL booking	Fulfillment data not required for TTL booking
115	Board basis/meal plan invalid	Invalid Meal Request
146	Service requested incorrect	Invalid SSR, Seat or Baggage Request
172	Requested action not possible - Insufficient privilege for TTL Confirm	Insufficient privilege for TTL Confirm
526	Seat already assigned	Requested Seat Not Available

## 5.10. TTL Confirm (Balance Payment)

The TTL Confirm Request message requests the system to confirm the TTL booking which has been previously made. Message basically consists of two sections where the air reservation section with the booking information including flight details, traveler details, ticketing and price details and air book modify request section including the fulfillment details required to make the payment.

If the request is valid and booking information matched, then the system will confirm the booking with payment fulfillment. The booking reference and ticket number(s) in the response along with flight details, traveler details and price details will be provided.

Following are lists of error codes specific for TTL confirm.

Error Code	Error Name	Error Description
------------	------------	-------------------



172	Requested action not possible - Insufficient privilege for balance payment	Insufficient privilege for Balance Payment
167	Payment rejected	Available Agent Credit is not enough.

## 5.11. Cancel Fee Query

The Cancel Fee Query Request message requests the cancellation fee and resulting refund/balance amount from cancellation. Message basically consists of two sections where the air reservation section with the booking information including flight details, traveler details, fulfilment and price details and air book modify request section including the modification type indicating the cancellation (refer OTA code type MOD).

If booking information is matched, the user is eligible to perform a cancellation and booking is allowed to be canceled then the system will respond as success along with the cancellation fee and the balance.

Following are lists of error codes specific for Cancel Balance.

Error Code	Error Name	Error Description
172	Requested action not possible - Insufficient privilege for booking cancel	Insufficient privilege for booking cancel or cancel refund or to continue action by fare rule.

## 5.12. Cancel Booking

The Cancel Booking Request message requests the cancellation of a specified booking. Message basically consists of two sections where the air reservation section with the booking information including flight details, traveler details, fulfilment and price details and air book modify request section including the modification type indicating the cancellation (refer OTA code type MOD), fulfillment data indicating cancellation fee.

If booking information is matched, the user is eligible to perform a cancellation and booking is allowed to be canceled then the system will respond success along with the booking details related to respective booking.

Following are lists of error codes specific for Cancel Booking.

Error Code	Error Name	Error Description
------------	------------	-------------------

172	Requested action not possible - Insufficient privilege for booking cancel	Insufficient privilege for booking cancel or cancel refund or to continue action by fare rule.
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### 5.13. Seat Availability Search

Seat Availability search request message requests for the availability and price for seats available in flight (for advance reservation). Available seats can be retrieved based on the Origin Destination (OND) details provided.

If there is a seat map for the flight in the requested Origin Destination (OND) details, the system will respond (success) with the flight segment wise seat map details. If there is no seat map system will respond with an empty seat map details for such flight segments. If any error occurred, the system will send an error type which is shown in the common error message details for ancillary.

Seat Status	Seat status given in seat availability response
Available	SeatAvailable
Assigned	SeatOccupied
Blocked	SeatHeld
Taken	SeatBlocked_ThroughPassengerBoarded
Inactive	NoSeatHere
Unavailable	SeatBlocked_OtherReason
Other	Other_

### 5.14. SSR Availability Search

This is the API for requesting the availability and price for Special Services Requests. Available Special Services can be retrieved based on the Origin Destination (OND) details provided.

If there are Special Services for the flight in the requested Origin Destination (OND) details, the system will respond (success) with the flight segment-wise SSR details otherwise it will send an error type which is shown in the common error message details for the ancillary table.

Following are the list of common error codes specific for Add-On Search operation.

Error Code	Error Name	Error Description
531	Flight does not operate on date requested	No flights available on the requested date or route is not valid
531	No flight found for the flight Number	No flight found for the flight Number
532	No Availability on requested date	The flight is not available.
146	Service requested incorrect - Incorrect SSR request	Incorrect SSR request
113	Mandatory details missing - Flight Segment RPH	Mandatory details are missing from the request

## 5.15. Baggage Availability Search

This is the API for requesting the availability and price for pre-book baggage available for flights. Available baggage can be retrieved based on the Origin Destination (OND) details provided.

If there is baggage for the flights in the requested Origin Destination (OND) details, the system will respond (success) with the flight segment-wise baggage details. If there are connection flights in the requested Origin Destination (OND) details, baggage details will be retrieved with common baggage for the connection flights. If there is no baggage allowed then the system will respond with an empty baggage details response for such a flight segment. If any error occurred, it will send an error type which is shown in the common error message details for the ancillary table.

Following are the list of common error codes specific for Ancillary search operation.

Error Code	Error Name	Error Description
531	No flight found for the flight Number	No flight found for the flight Number
531	Flight does not operate on date requested	No flights available on the requested date or route is not valid
532	No Availability on requested date	The flight is not available.

146	Service requested incorrect - Incorrect Baggage request	Incorrect Baggage request
113	Mandatory details missing - Flight Segment RPH	Mandatory details are missing from the request

## 5.16. Modify Ancillary

The Modify Ancillary Request message requests the system to add, edit or remove ancillary from the booking. The message basically consists of two sections where the air reservation section contains the booking information including flight details, price details and traveler details; and the air book modify section request contains the modification type indicating other modification type (refer OTA code type MOD), new ancillary details of added or removed ancillary to the booking and fulfilment required for the completion of modify ancillary operation.

If booking information matches and the user is eligible to perform modify ancillary operation then the system will respond (success) along with the booking details with modified details.

Following are the list of error codes specific for Modify Ancillary operation.

Error Code	Error Name	Error Description
172	Requested action not possible - Insufficient privilege for modify ancillary	Insufficient privilege for modify ancillary
009	Requested service is fully booked	Requested SSR, Meal or Baggage is Not Available
146	Service requested incorrect	Invalid SSR, Seat or Baggage Request
526	Seat already assigned	Requested Seat Not Available

## 5.17. Reschedule Price Quote

The Reschedule Booking Price Quote Request message requests the price quote for rescheduling the booking. The message basically consists of two sections where the air reservation section contains the booking information including flight details, price details and traveler details; and the air book modify section request contains the modification type indicating reschedule booking (refer OTA code type MOD), new flight details and traveler details of booking for reschedule booking operation.

If booking information matches and the user is eligible to perform the operation then the system will respond (success) along with the price quote information for reschedule booking.

Following are the list of error codes specific for Reschedule Booking operation.

Error Code	Error Name	Error Description
172	Requested action not possible - Insufficient privilege for reschedule	Insufficient privilege for reschedule
89	Booking status mismatch	Status of booking does not match with status of the request
91	Booking information mismatch	Booking information of request does not match with those of booking or Payment amount mismatch

## 5.18. Reschedule Booking

The Reschedule Booking Request message requests the system to reschedule the booking. The message basically consists of two sections where the air reservation section contains the booking information including flight details, price details and traveler details; and the air book modify section request contains the modification type indicating reschedule booking (refer OTA code type MOD), new flight details, traveler details of booking and fulfilment required for the completion of reschedule booking operation.

If booking information matches and the user is eligible to perform reschedule booking operation then the system will respond (success) along with the booking details with modified details.

Following are the list of error codes specific for Reschedule Booking operation.

Error Code	Error Name	Error Description
172	Requested action not possible - Insufficient privilege for reschedule	Insufficient privilege for reschedule
89	Booking status mismatch	Status of booking does not match with status of the request
91	Booking information mismatch	Booking information of request does not match with those of booking or Payment amount mismatch

## 5.19. Reschedule Segment Price Quote

The Reschedule Segment Price Quote Request message requests the price quote for rescheduling a selected segment into a selected new flight. The message basically consists of two sections where the air reservation section contains the booking information including flight details, price details; and the air book modify section request contains the modification type indicating reschedule segment (refer OTA code type MOD), new flight details for reschedule segment operation.

If booking information matches and the user is eligible to perform the operation then the system will respond (success) along with the price quote information for reschedule segment.

Following are the list of error codes specific for Reschedule Booking operation.

Error Code	Error Name	Error Description
172	Requested action not possible - Insufficient privilege for reschedule segment	Insufficient privilege for reschedule segmen
89	Booking status mismatch	Status of booking does not match with status of the request
91	Booking information mismatch	Booking information of request does not match with those of booking or Payment amount mismatch

## 5.20. Reschedule Segment

The Reschedule Segment Request message requests the system to reschedule a segment into another flight (flight change, date change). The message basically consists of two sections where the air reservation section contains the booking information including flight details, price details and traveler details; and the air book modify section request contains the modification type indicating reschedule segment (refer OTA code type MOD), new flight details, traveler details of booking and fulfilment required for the completion of reschedule segment operation.

If booking information matches and the user is eligible to perform reschedule segment operation then the system will respond (success) along with the booking with modified segments.

Following are the list of error codes specific for Reschedule Segment operation.

Error Code	Error Name	Error Description
------------	------------	-------------------

172	Requested action not possible - Insufficient privilege for reschedule segment	Insufficient privilege for reschedule segment
89	Booking status mismatch	Status of booking does not match with status of the request
91	Booking information mismatch	Booking information of request does not match with those of booking or Payment amount mismatch

## 5.21. Split Booking

This is the API to split out one or more passengers from the booking. The message basically consists of two sections where the air reservation section contains the booking information including flight details, traveler details, and price details; and the air book modify request section contains the modification type indicating split booking (refer OTA code type MOD), details of travelers that are required to be split into another booking. If booking information matches and the user is eligible to split the booking then the system will respond (success) along with the booking details related to the new booking that has been created by splitting the existing booking.

New booking created by split would be sent in response for successful split operation.

Error Code	Error Name	Error Description
87	Booking reference invalid	No matching bookings found
91	Booking information mismatch	Booking Itinerary mismatch
172	Requested action not possible - Insufficient privilege to continue action	Insufficient privilege to continue the action

## 5.22. Void Booking

This is the API operation for refunding the full amount of a booking without applying any cancellation fee until a certain time period from the booking creation. The message basically consists of two sections where the air reservation section contains the booking information including flight details, price details; and the air book modify request section contains the modification type indicating void (refer OTA code type MOD), and the pricing information.

If booking information is matched, the user is eligible to perform a void and booking is allowed to be void then the system will respond as 'success' along with the booking details related to respective booking.

Error Code	Error Name	Error Description
172	Requested action not possible - Insufficient privilege for booking cancel	Insufficient privilege for booking cancel or cancel refund or cancel restricted by fare rule.
87	Booking reference invalid	No matching bookings found
91	Booking information mismatch	Booking Itinerary mismatch

## 5.23. Edit Booking Contact

This is the API to edit the contact details of the booking. The contact details should be sent along with PNR data. If booking information matches and the user is eligible to perform edit booking contact operation.

For successful contact details change operation, response is sent with updated contact details.

Error Code	Error Name	Error Description
172	Requested action not possible - Insufficient privilege for edit booking contact	Insufficient privilege for edit the booking contact details
172	Requested action not possible - Insufficient privilege to continue action or booking operation unauthorized	Insufficient privilege to continue action or the edit booking contact operation
860	Booking Contact details error	Contact details to be modified is not found in the booking or Contact information not changed
113	Mandatory booking Contact details missing-contact information	Mandatory details missing

## 6. OTA Codes

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Codes commonly used in the request and response messages are described here. When applicable, OTA code tables are referenced in PSS API specifications. Following are the references from OTA code tables



with custom added codes specifically noted as well.

Category	Code	Description
Flight Segment Status	16	CANCELLED
	39	CONFIRMED
	46	WAITLISTED
	50	OPEN
	83	NOSHO
	80	FLOWN
Booking Status	39	CONFIRMED
	16	CANCELLED
	1	TTL
Unit of Measure	15	LB
	16	KG
Payment Type	2	ON ACCOUNT
	3	VOUCHER
	5	CREDIT CARD
	100	BSP
Document Type	1	VISA
	2	PASSPORT
	5	ID CARD
Modification Type	1	CANCEL ITINERARY
	15	BALANCE PAYMENT
	17	EMAIL_ITINERARY



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