

TRIPJACK

AIR API DOCUMENTATION - POST-BOOKING ANCILLARIES

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Revision History

REVISION	DATE	REVISION
1.0	22-06-2023	POST-ANCILLARIES

Below are the available service URL & definition

UAT Environment:

Protocol : https

Domain: apitest.tripjack.com

SERVICE NAME	URL
FETCH SSR	https://apitest.tripjack.com/fms/v1/ancillaries/fetch/ssr
FETCH SEAT	https://apitest.tripjack.com/fms/v1/ancillaries/fetch/seat
ADD SSR	https://apitest.tripjack.com/oms/v1/air/amendment/add/ssr
AMENDMENT DETAILS	https://apitest.tripjack.com/oms/v1/air/amendment/amend https://apitest.tripjack.com/oms/v1/air/amendment-details

Production Environment:

Protocol : https

Domain: tripjack.com

SERVICE NAME	URL
FETCH SSR	https://tripjack.com/fms/v1/ancillaries/fetch/ssr
FETCH SEAT	https://tripjack.com/fms/v1/ancillaries/fetch/seat
ADD SSR	https://tripjack.com/oms/v1/air/amendment/add/ssr
AMENDMENT DETAILS	https://tripjack.com/oms/v1/air/amendment/amend https://tripjack.com/oms/v1/air/amendment-details

1.0 POST BOOKING ANCILLARIES

These APIs need to be invoked in a mention order.

- FETCH SSR
- FETCH SEAT
- ADD SSR
- AMENDMENT DETAILS

1.0.1 FETCH SSR API

This method retrieves the SSR (MEAL/BAGGAGE) information after the booking process is finalized and the booking status is marked as SUCCESS.

→ For meals, they can only be added once per passenger per segment. If a meal has already been selected during pre-booking, it cannot be added again for the same passenger for that segment.

→ For baggage, it can be added per passenger per trip, and multiple baggage items can be selected(Once at a time).

Note : Infants are not allowed to add SSR

URL: <https://apitest.tripjack.com/fms/v1/ancillaries/fetch/ssr>

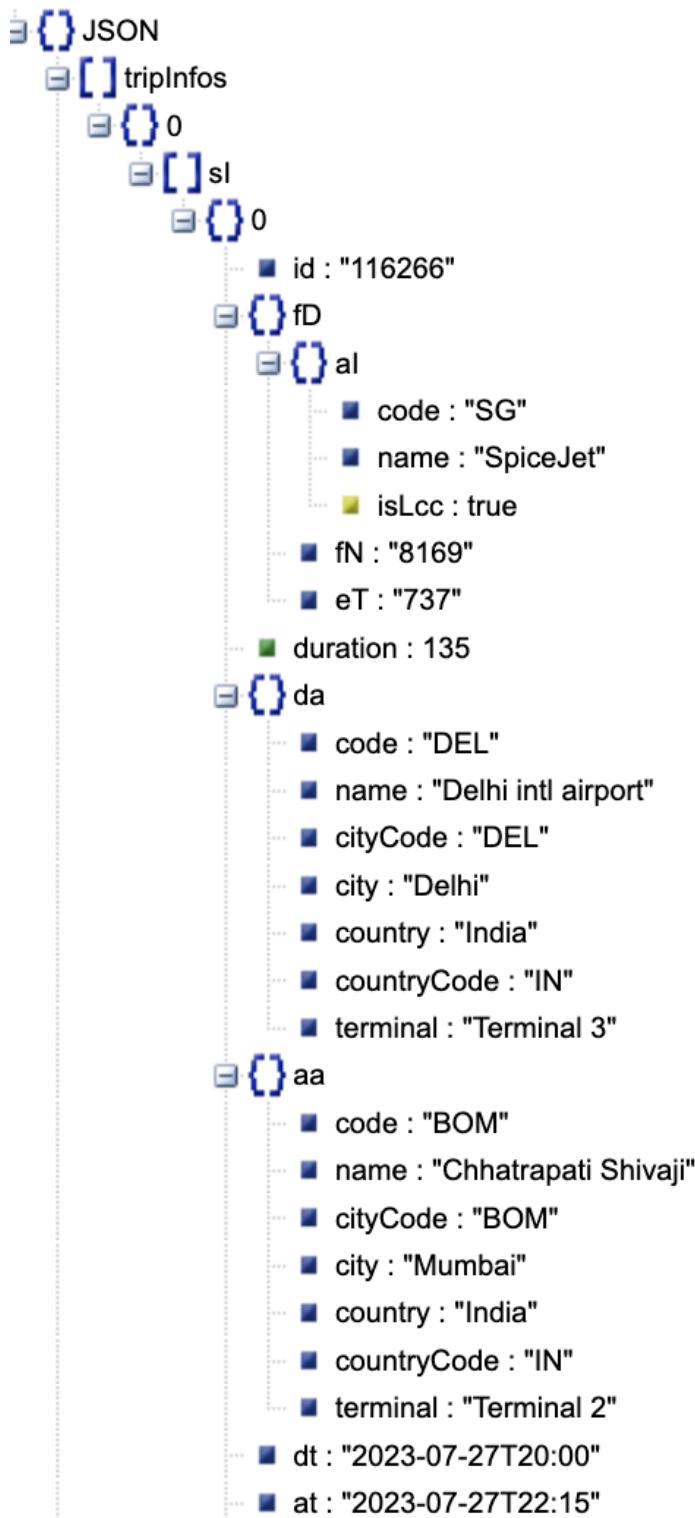
Request Method : POST

Sample Payloads : will attach soon

FETCH SSR REQUEST STRUCTURE :

 JSON
bookingId : "TGS108370066489"

FETCH SSR RESPONSE STRUCTURE :



```
bl
  tl
    0
      ssrBaggageInfos
      ssrMealInfos
      ssrInfo
        BAGGAGE
          0
            code : "EB05"
            amount : 2604
            desc : "5KG"
          1
          2
          3
          4
        MEAL
          0
            code : "VGSW"
            amount : 739
            desc : "Veg Sandwich/Wrap/Sub"
          1
          2
          3
        osi
          ti : "Mr"
          pt : "ADULT"
          fN : "TEST"
          IN : "USER"
...
  bookingId : "TGS108240068424"
status
conditions
  st : 840
  sct : "2023-06-20T13:58:43.881"
```

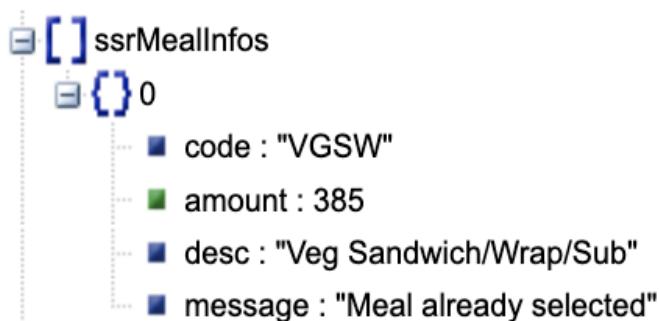
TripInfos → Includes List of SegmentInfos

si (Segment Information) - List<Segments> : which has control of the fields.

- **Id** - Segment ID - which is used for SSR if any to be selected.
- **fD** (Flight Designator) - which has Marketing Airline Information , Airline Equipment type, flight number).
 - **ai** - airline info which has code (IATA Airline Code, followed with Airline name).
 - **fN** - Marketing Airline Flight Number
 - **eT** - Marketing Airline Equipment Type
- **duration** - Segment Journey duration
- **da** - Departure Airport Information (which has IATA Airport code,name,country,Terminal)
- **aa** - Arrival Airport Information (which has IATA Airport code,name,country,Terminal)
- **dt** - Departure Time of this segment (YYYY-MM-SS HH:MM Format)
- **at** - Arrival time of this segment (YYYY-MM-SS HH:MM Format)
- **bl** - Booking Related Information
 - **tl** (travellerInfo) - List of Traveler information
 - **ssrBaggageInfos** : It contains information of already selected Baggage , it will be empty in case no baggage is selected.



- **ssrMealInfos** : It contains information of an already selected Meal , it will be empty in case no baggage is selected.

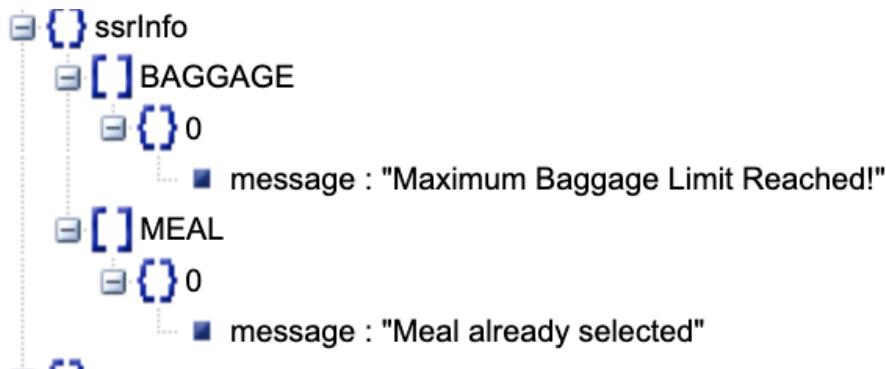


- **ssrInfo:** Each SSR Information has detailed information that needs to be shown and passed to the next request.
 - **code** : which is a unique code of that SSR Received from supplier and that's needed to be sent in booking request if customer selected any.
 - **amount** : Amount of Corresponding SSR.
 - **desc** - Description of Corresponding SSR that needs to be shown to Customer for clear information.

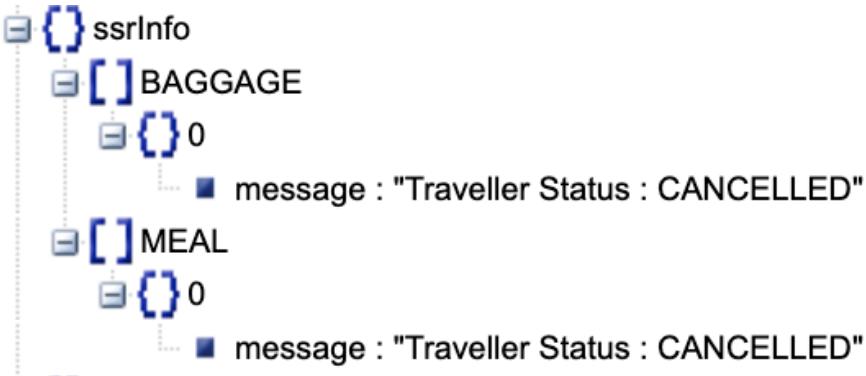
In the case of connecting Segments, the Baggage (SSRTYPE), amount field will not be present- which means - whatever is selected on the first segment of the journey applies to that corresponding journey.

In Case of Meal (SSR type) - Each segment will have a unique Meal SSR which is applicable only to that segment.

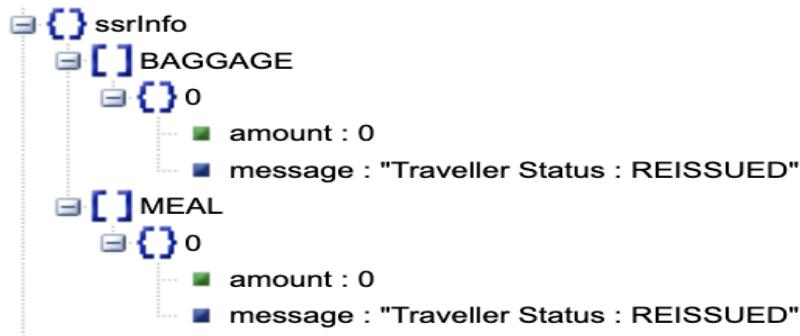
Case 1: when all Baggage has been selected and Meal is also selected.



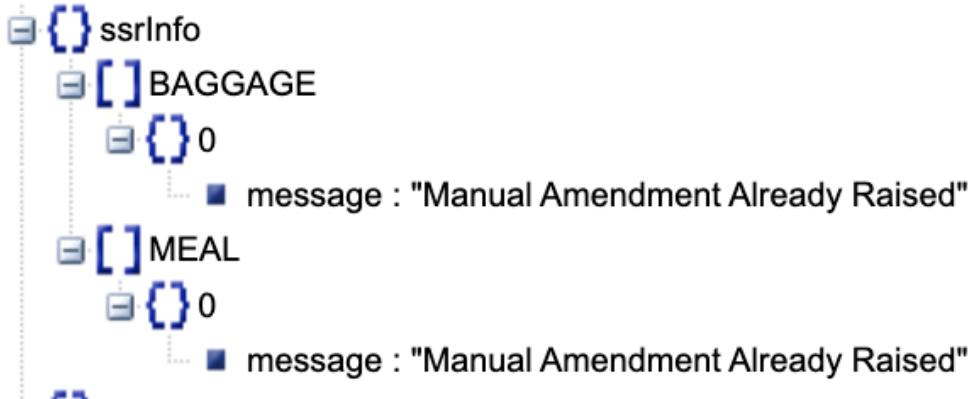
Case 2 : when pax status is canceled



Case 3: when pax has Reissued booking



Case 4 : when manul SSR Amendment has done for pax



- **ti** - Title of the Traveler
 - Adult: Mr,Mrs,Ms
 - Child: Ms, Master
 - Infant : Ms, Master
- **pt** - PaxType - ADULT,CHILD, INFANT (Values should be Caps)
- **fN** - First Name of the Traveler
- **IN** - Last Name of the Traveler
- **dob** - Traveler Date Of Birth (YYYY-MM-DD Format)

Conditions :

St : session time(secs)

Sct: session created time

Request payload

Key	Parent	Type	Description	Mandatory/Optional
BookingId	Root	String		Mandatory

Response Payload

Key	Parent	Type	Description	Mandatory/Optional
tripInfos	root	Array of tripInfos	Array of tripInfo object. Each Object contains details of each trip.	Mandatory
sl	tripInfo	Array of segmentInfo	Array of segments for the current trip.	Mandatory
bookingId	Root	String		Mandatory
conditions	Root	Object		Mandatory
st	conditions	Integer	Session time	
sct	conditions	String	Session created time	

segmentInfo:

Key	Parent	Type	Description	Mandatory/Optional
id	segmentInfo	String	Id which generated during review for ssr	Optional
fD	segmentInfo	Object	Flight Designator (Marketing airline,Equipment and Flight number)	Mandatory
duration	segmentInfo	Integer	Travel duration of the current segment in minutes.	Mandatory
da	segmentInfo	Object	Departure Airport	Mandatory

aa	segmentInfo	Object	Arrival Airport	Mandatory
dt	segmentInfo	String	Departure date and time. Format: YYYY-MM-DDTHH:MM	Mandatory
at	segmentInfo	String	Arrival date and time. Format: YYYY-MM-DDTHH:MM	Mandatory
ssrInfo	segmentInfo	Object	Special service requests	Mandatory

fD: [Flight Designator - Marketing Airline,Equipment Type & Flight Number]

Key	Parent	Type	Description	Mandatory/ Optional
al	fD	Object	Airline Information	Mandatory
code	al	String	Airline code	Mandatory
name	al	String	Airline name	Mandatory
isLcc	al	Boolean	True if the airline is LCC else false	Mandatory
fN	fD	String	Flight Number	Mandatory
eT	fD	String	Equipment Type	Mandatory

ssrInfo:

Key	Parent	Type	Description	Mandatory/ Optional
MEAL	ssrInfo	Array of Object	Meal Information	Mandatory
BAGGAGE	ssrInfo	Array of Object	Baggage Information	Mandatory
code	Object	String	Unique code of each ssr	Mandatory
desc	Object	String	Description which needs to be shown in UI	Mandatory

1.0.2 FETCH SEAT MAP API

This API retrieves seat information after the booking process is completed and the booking status is marked as SUCCESS. Seat maps can be obtained by invoking this API and passing the "booking id" in a request

Please note that a seat can only be added once per passenger per segment.

Note : Infants are not allowed to add Seat

URL: <https://apitest.tripjack.com/fms/v1/ancillaries/fetch/seat>

Request Method : POST

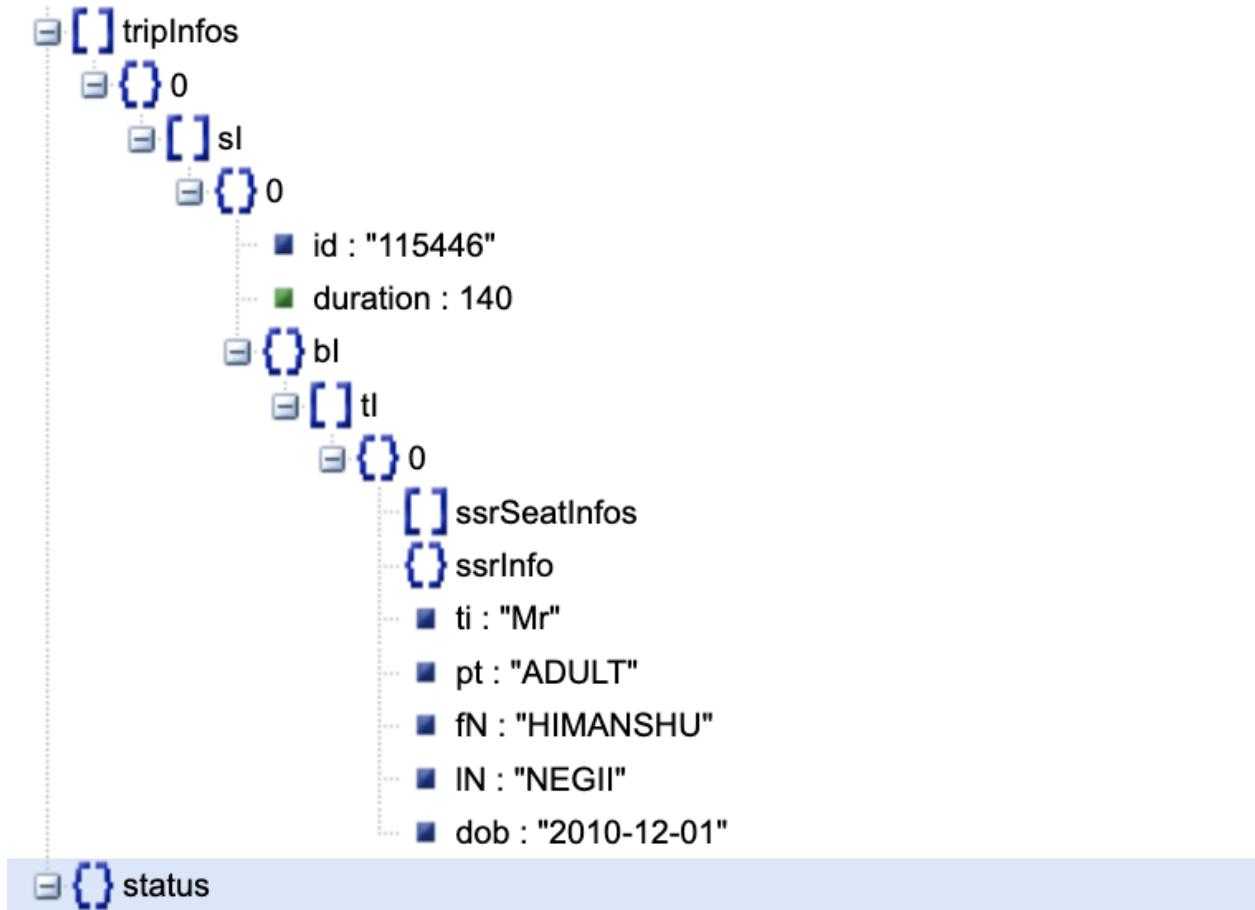
Sample Payloads : will attach soon

FETCH SEAT REQUEST STRUCTURE :

 JSON
bookingId : "TGS108370066489"

FETCH SEAT RESPONSE STRUCTURE :





TripSeat : This will contain seat map Information.

→ tripSeat (key)

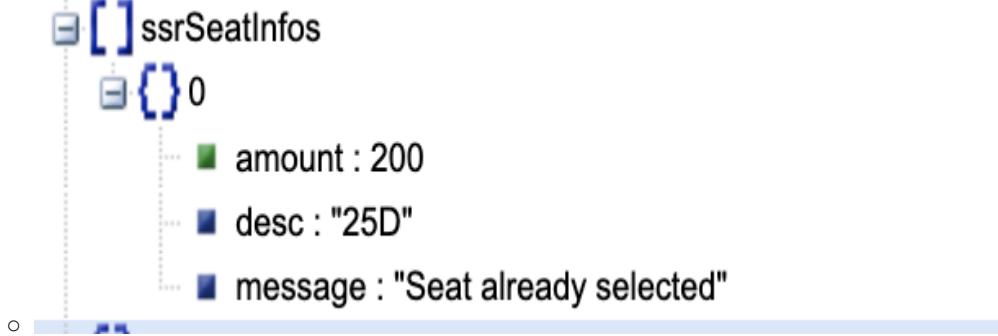
- ◆ **key** - segment :id , belongs to that particular segment
- ◆ **sData** - Seat Deck Data (How many columns and rows to be created)
- ◆ **sInfo** - List of Seats in Selected Segment
 - **seatNo** : Seat Information Number with code
 - **seatPosition** : will have row and column number to place seat
 - Row
 - Column
 - **isBooked** - False , if seat is available
 - **isLegRoom** :True, if Leg room is available
 - **isAisle** : True , if seat is aisle

- **code** : Supplier Booking Code which needs to be passed for booking if a customer selects this particular seat.
- **amount** : Seat Chargeable amount.

TripInfos: List of trip info

sl (Segment Information) - List<Segments> : which has control of the fields.

- **ID**: Segment Id,id of the segment.
 - **duration** - Segment Journey duration (In Minutes)
 - **bl** - Booking Related Information
 - - **ssrSeatInfos**: It will contain information of the already selected seat, and will be empty in case no seat is select
- Case :when the user has already selected a seat..



- **ssrInfo**: It will only be populated in following cases:

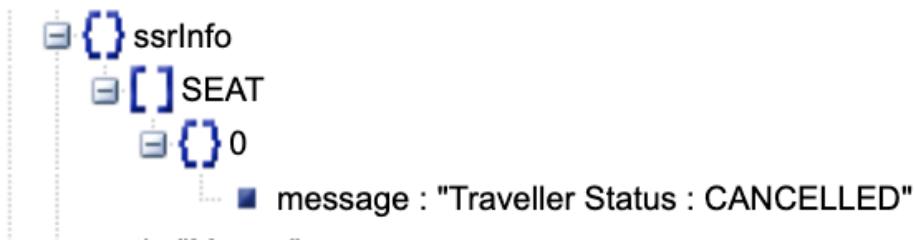
Case 1: When Manual amendment is done for seat



Case 2 :when pax has Reissued booking



Case 3: when pax status is canceled



- **tl (travellerInfo) : List of Traveller**
 - tl - Title of the Traveler
 - **Adult:** Mr,Mrs,Ms
 - **Child:** Ms, Master
 - **Infant :** Ms, Master

- **pt - PaxType - ADULT,CHILD, INFANT** (Values should be Caps)
- **fN - First Name of the Traveler**
- **lN - Last Name of the Traveler**
- **dob - Traveler Date Of Birth (YYYY-MM-DD Format)**

Request payload

Key	Parent	Type	Description	Mandatory/Optional
BookingId	Root	String		Mandatory

Response payload

Key	Parent	Type	Description	Mandatory/Optional
tripSeatMap	root	Object	It contains a Map of AirCraft and its Seat configuration for the whole trip.	Mandatory
tripSeat	tripSeatMap			
sData		Object		
row	sData	Integer		
column	sData	Integer		
slInfo		Array of Object	Each Object contains single seat Information.	
seatNo	slInfo	String	Seat No	Mandatory
isBooked	slInfo	boolean	Seat status	Mandatory
isLegroom, isAisle	slInfo slInfo	Boolean boolean	Seat with Legroom Aisle seat	
code	slInfo	String	Seat Code	Mandatory
amount	slInfo	Double	Seat Price	Mandatory
seatPosition	slInfo	Object		Mandatory
row	seatPosition	Integer	Deck Data Row	
column	seatPosition	Integer	Deck Data column	
BookingId	root	String		Mandatory
tripInfos	root	Array of triplInfo	Array of triplInfo object	Mandatory
travellerInfos		Object	Array of travellerInfo	Mandatory

1.0.3 ADD SSR API :

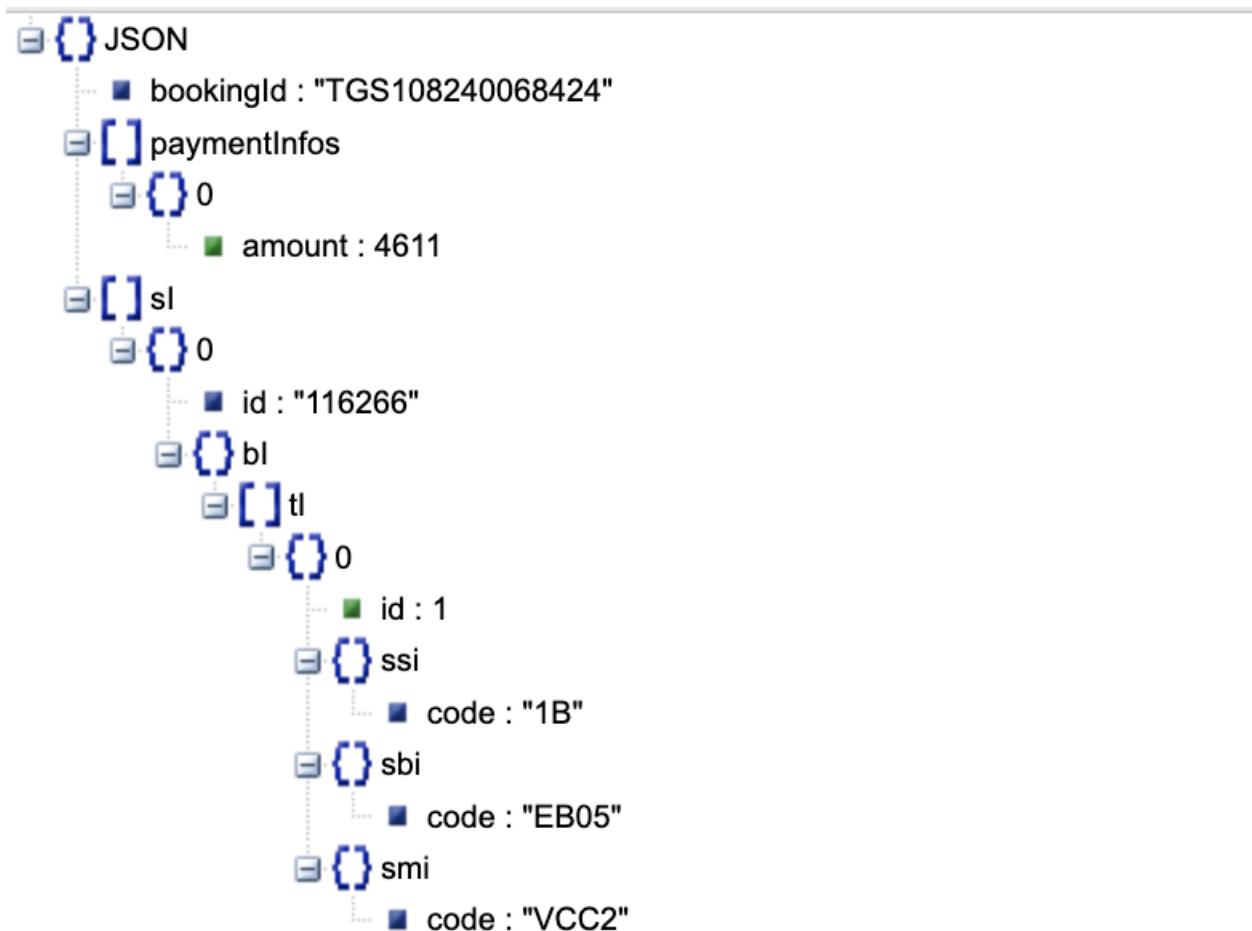
This API is utilized to include SSR for a selected Booking ID. It should be called after successfully invoking the FETCH SSR and FETCH SEAT APIs.

URL:<https://apitest.tripjack.com/oms/v1/air/amendment/add/ssr>

Request Method : POST

Sample Payloads : will attach soon

ADD SSR REQUEST STRUCTURE :



paymentInfos - Payment for the booking to Tripjack (List<PaymentInfo>)

- amount - total payable amount to Tripjack for the SSR

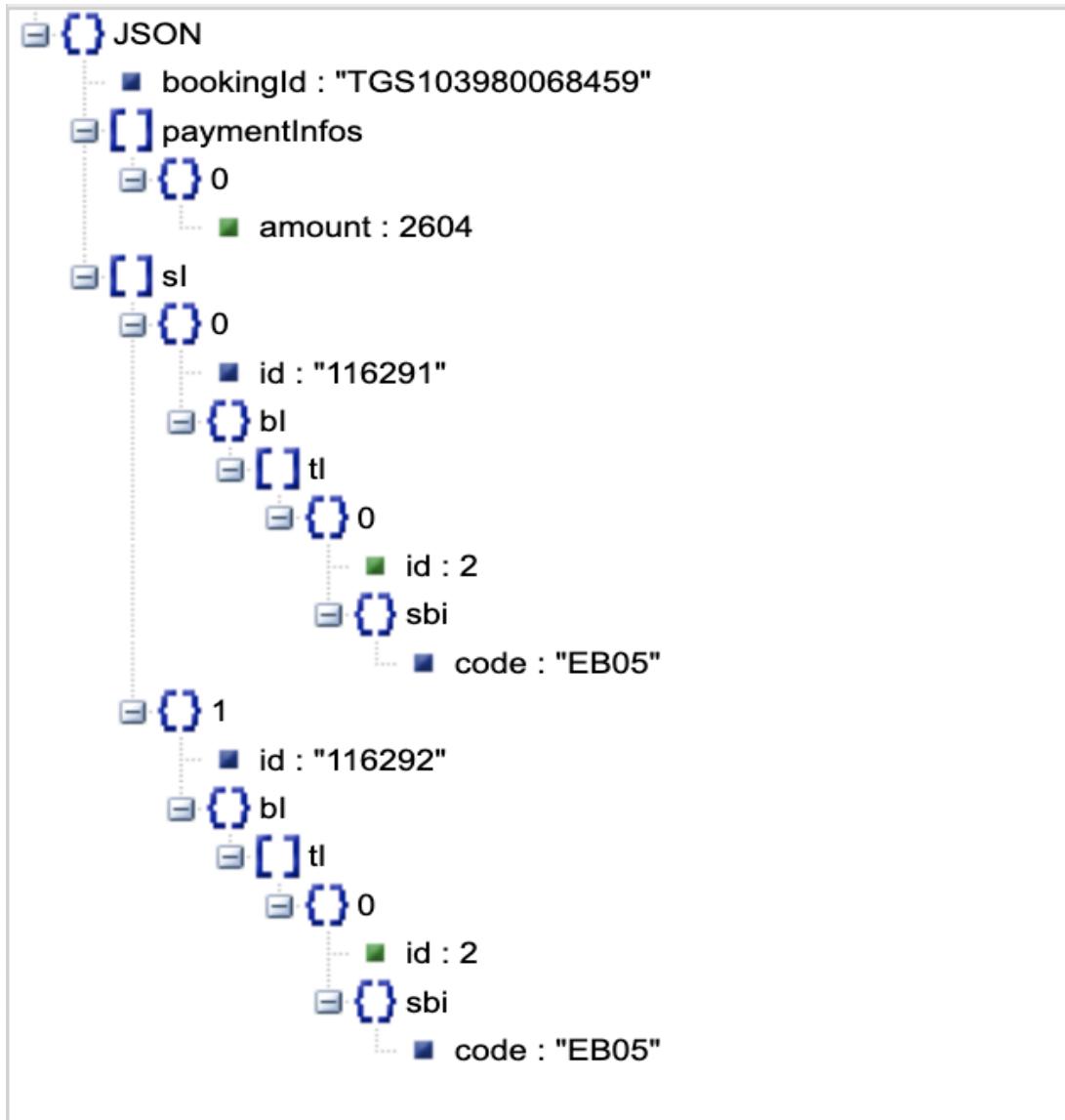
SI (Segment Information) - List<Segments> : It will contain a segment array for both trips(ONEWAY and RETURN).

- **ID:** Segment Id,id of the segment.

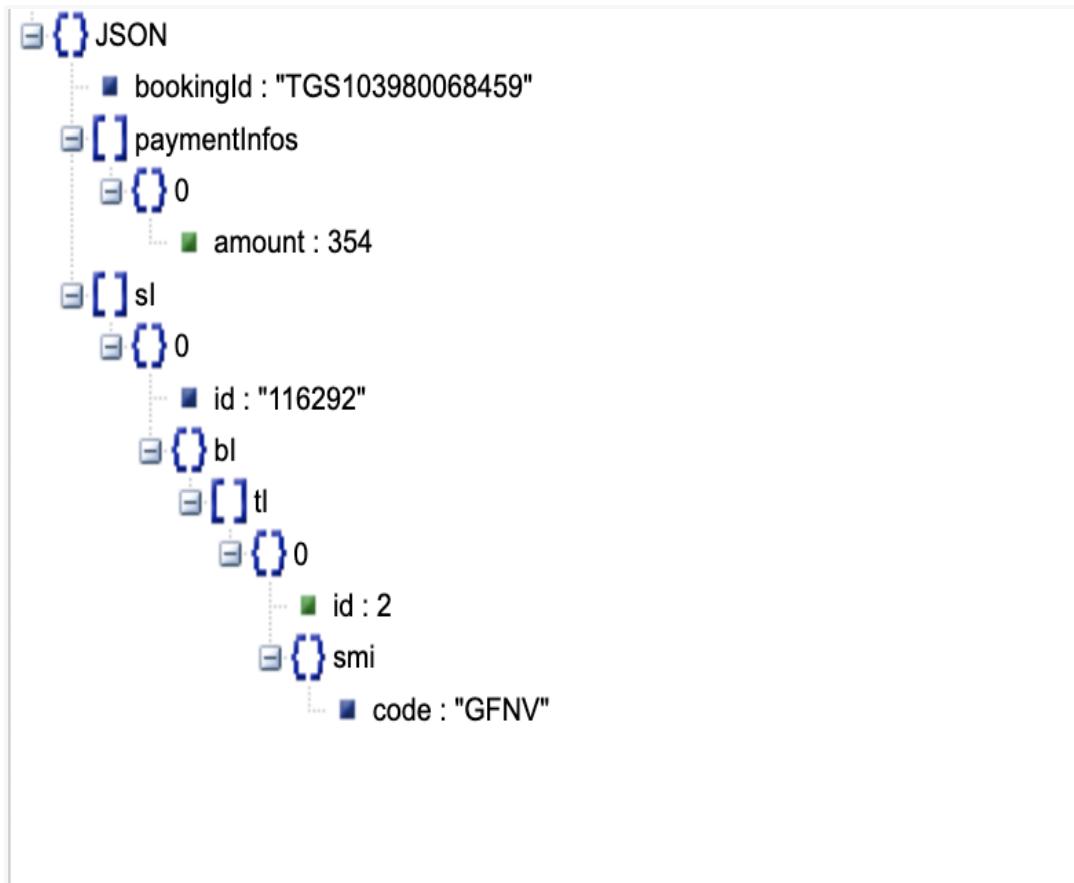
- **bl** - Booking Related Information
- **tl** : List of Travelers
 - **Id** : id of a pax for whom the SSR is being added.
 - **sbi**: This contains information about the baggage that needs to be selected.

→ This information should be sent only when baggage needs to be added.

Case : In the case of more than one segment, the SBI information should be passed in another segment as well, with amount 0.

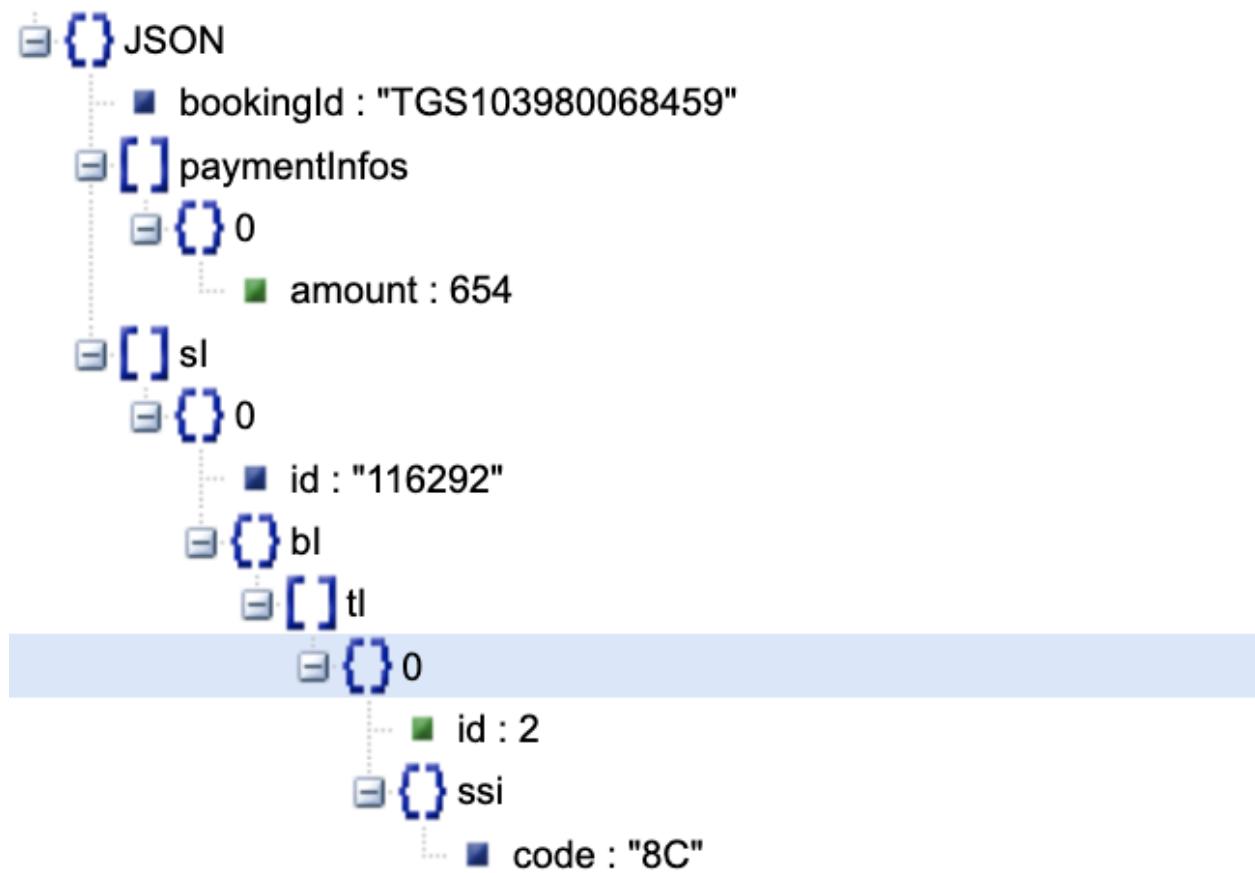


- **smi** :This contains information about the meal that needs to be selected.
→ This information should be sent only when a meal needs to be added.

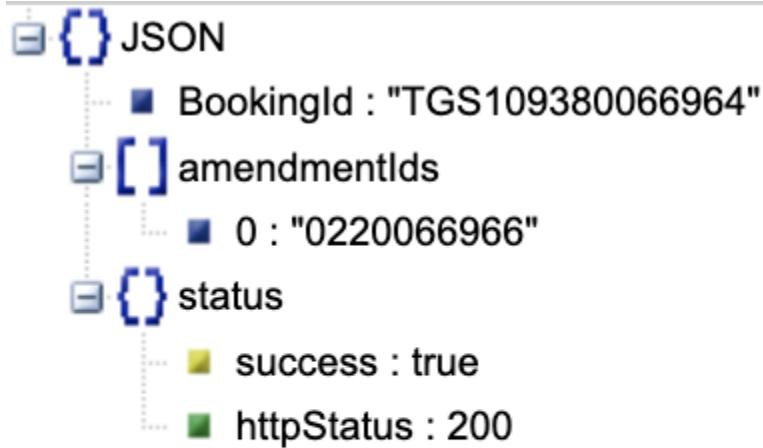


- **ssi** : This contains information about the seat that needs to be selected.

→ This information should be sent only when a seat needs to be added.



ADD SSR RESPONSE STRUCTURE



amendmentids: This list contains amendments, with amendment IDs generated on a per-trip basis. A single ID is generated for all SSR amendments within a trip.

1.0.4 Amendment Details:

This request is used to retrieve the status of an amendment, indicating whether it is "SUCCESS" or "REJECTED". To make this request, you need to provide the amendmentId, which can be fetched from the ADD SSR response.

URL: <https://apitest.tripjack.com/oms/v1/air/amendment/amendment-details>

Method: POST

Sample Payloads : [will upload soon](#)

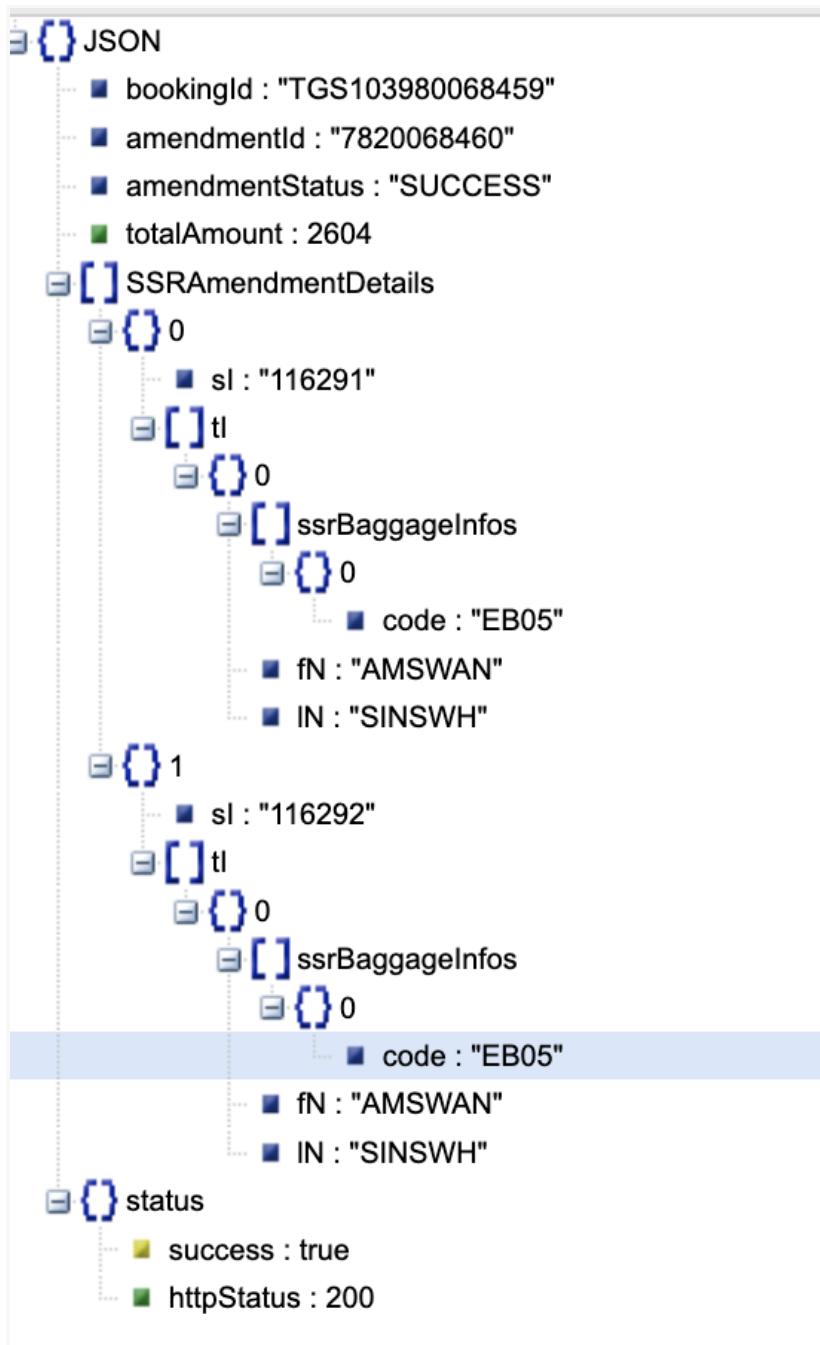
Request Sample:



Request Structure

- **amendmentId**: AmendmentId (from ADD SSR Response)

Response Structure :



Response Structure : It consists of the amendment details

bookingId-BookingId

amendmentId-Amendmen tId

amendmentStatus-Status of amendment

- ◆ REJECTED - Amendment is rejected.
- ◆ SUCCESS - Amendment modification has been successful with all changes.
- ◆ PENDING - Amendment has been in progress

totalAmount-Total amount paid for SSR

SSRAmendmentDetails - : It will contain array of Segment and segment will contain following information

- ◆ **ID**: Segment Id,id of the segment.
- ◆ **tI** : List of Travelers
- ◆ **Id** : id of a pax for whom the SSR is being added.
- ◆ **ssrSeatInfos**:It will contain information of the already selected seat, and will be empty in case no seat is select
- ◆ **ssrBaggageInfos** : It contains information of already selected Baggage , it will be empty in case no baggage is selected.
- ◆ **ssrMealInfos** : It contains information of an already selected Meal , it will be empty in case no baggage is selected.
- ◆ **fN** - First Name of the Traveler
- ◆ **IN** - Last Name of the Traveler

