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Introduction

Welcome to the Enhanced and Simplified Distribution Guide

This website holds information and best practices to aid with implementations of Enhanced and Simplified Distribution. This site is managed by the Offer and Order Standard Setting Groups.

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Introduction

This guide will refer to various terms such as 'Seller' or 'ORA' which have a common understanding within the Industry. This section will define what these terms mean.

Definitions

Distribution

Term	Definition	Source
Enhanced Distribution	Refers to the messages and standard relating to Resolution 787. Commonly referred to as 'NDC'	Resolution 787
Simplified Distribution	Refers to the messages and standard relating to Resolution 797. Commonly referred to as 'ONE Order'	Resolution 797

Parties

Term	Definition	Source
Airline	An enterprise operating aircrafts for commercial purposes which (i) performs scheduled or non-scheduled air transport Services, or both, which are available to the public for carriage of passengers, mail and/or cargo and (ii) is certified for such purposes by the civil aviation authority of the state in which it is established	AIDM Glossary
Travel Agency	A private retailer or public Service individual that provides travel and tourism related Services to the public on behalf of suppliers such as activities, Airlines, car rentals, cruise lines, hotels, railways, travel insurance, and package tours	AIDM Glossary
Aggregator	An entity who distributes a Seller's shopping request to multiple Airlines and aggregates subsequent responses	AIDM Glossary
Airline	Within the context of Enhanced and Simplified Distribution (ESD); the Airline's role will be to respond to requests for Offers and to manage Orders. This Order Management role extends to include processing payments, issuing accountable documents or Orders, and where it comes to Order servicing, they will also be responsible for handling this from re-shopping for an Offer, through to applying any changes to the Order, processing further payments or refunds, and modifying accountable documents. To make the necessary distinction between the different roles Airlines can play in interline transactions the Airline role can be further subdivided	
The Offer Responsible Airline (ORA)	The Offer Responsible Airline (ORA) is a role played by an Airline in an interline scenario whereby the Airline requests products from other Airlines (POA) to supplement its Offer back to the Seller	
The Participating Offer Airline (POA)	The Participating Offer Airline (POA) is an Airline that receives a request from an ORA to supply products to the Seller within the ORA's Offer	
Aggregator	An Aggregator proxies requests for Offers from Sellers to Airlines (or ORAs) and consolidates the Airline responses and transmits them back to the Seller. The Aggregator cannot alter the Offers it receives from the Airlines but may, as a secondary role, pass Order Management messages between Seller and Airline	
Seller	An organisation that interacts within supply chain to deliver Offers and Orders to the Customer, such as a Travel Agent	
Customer	A person or organisation that is purchasing products or Services from the downstream parties	
Delivery Provider (DP)	The entity responsible for delivery of a good or Service	

| LCC | Low-cost carrier | |

Offer

A proposal to sell a specific set of products or Services under specific conditions, for a certain price.

Service

The individual instance of a specific flight or Service Definition as it has been offered to (and eventually Ordered and consumed by) a specific Customer in the context of a specific Offer and/or Order.

A Service has the following possible delivery status:

Business State	Description
READY TO PROCEED	OM is in a position to allow a DP to prepare the Service. Customer is entitled to receive the Service. This is typically a trigger for ORA to begin accounting process
READY TO DELIVER	Provider is in a position to start delivery of the Service
IN PROGRESS	The DP is in the process of delivering the Service. There is a universal concept that the "In progress" status may block any further financial transactions; e.g. refund
DELIVERED	Service has been successfully delivered
FAILED TO DELIVER	Service could not be delivered due to Airline´s or provider limitations
SUSPENDED	Delivery of the Service is suspended as a result of an Airline decision. Can only revert back to the previous status. Exception is that Suspended may go to Removed. This status may be used in case of fraud detection
REMOVED	Service was deleted
NOT CLAIMED	The Service has not been claimed by the Passenger for reasons as a result of Passenger action or inaction. e.g. Passenger no-show, etc
EXPIRED	Service is no longer available for delivery. Service purchased with an associated time limit for consumption and Service was never claimed. Service having been at least Confirmed is no longer available as the Customer did not claim the Service within a specific time period, as dictated by the Airline
UNABLE TO DELIVER	It is not possible for the DP to deliver a Service. This could be for reasons of availability, legal or regulatory constraint

The following state transitions are possible during the lifecycle of a Service:
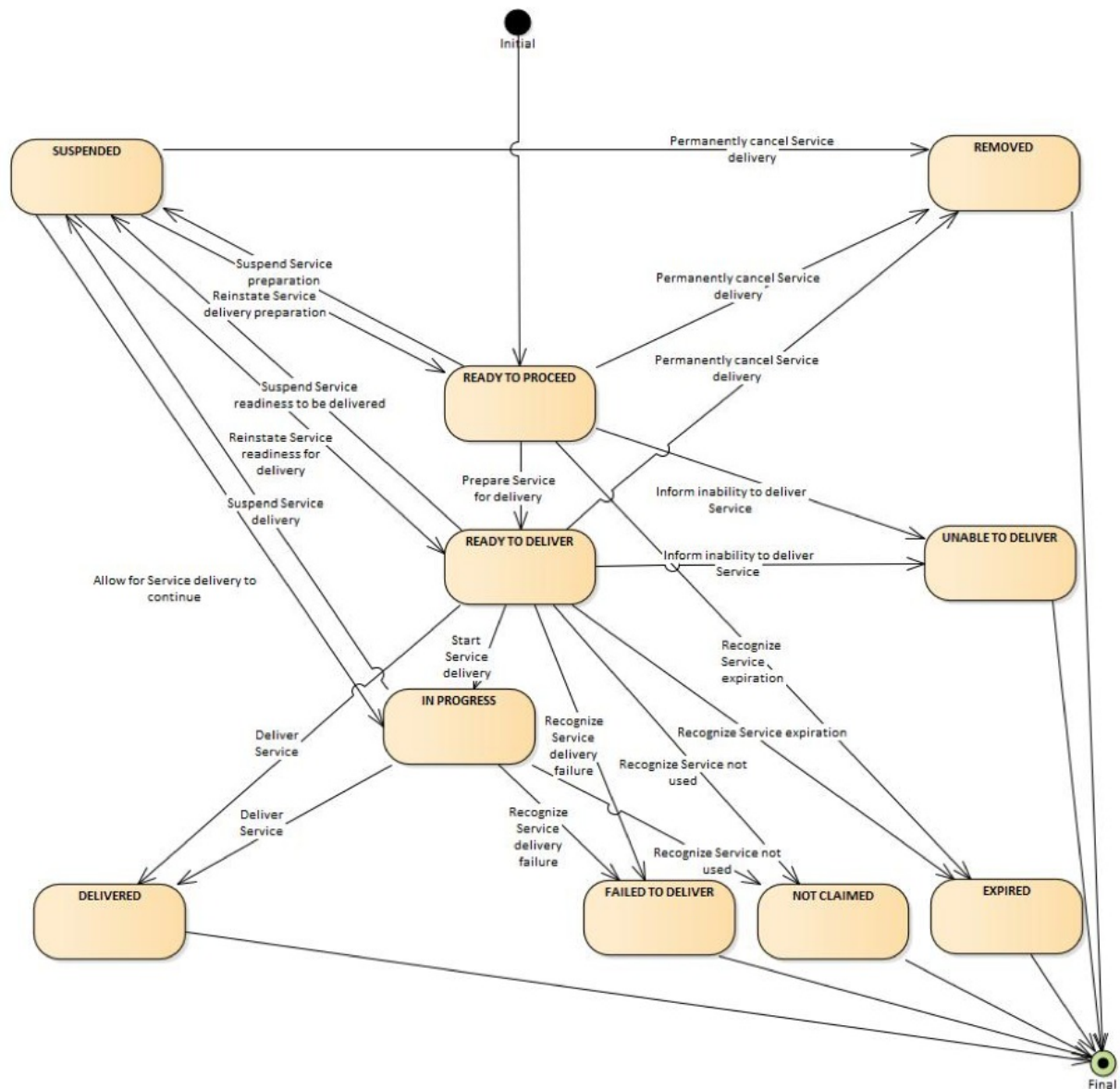
Order

A uniquely identified record of the agreement of one party with another to receive products and Services under specified terms and conditions. Order supports the sale of a flexible range of Airline products and Services that are not necessarily Journey based (e.g. subscription Services).

A 'PNR', 'super PNR' and 'ticket' are all today's versions of Airline implementations of aspects of an Order. An Order will contain one or more Order Items each with an identifier that is unique within an Airline's Order Management system.

An Order may support non-homogeneity, i.e. each passenger in an Order may hold different sets of order items at different prices.

Other

Please refer to the AIDM Glossary for a more detailed list of Terms and Recommended Practice 1008.

Overview

This guide details how to use the technical messages under Enhanced Distribution and Simplified Distribution.

Enhanced Distribution (NDC) messages cover the shopping, ordering and managing of Offers and Orders (with or without tickets).

Simplified Distribution (ONE Order) messages cover Orders without tickets, servicing, accounting and delivery.

Scope

NDC:

- Reservation of Airline products and Services and the ability to advise Airline Accounting Systems of these reservations
- Order retrieval, change and cancellation (interaction Seller & Airline)
- Payment and refund.

ONE Order:

- Interaction between Airline Order Management Systems (OMS) and Accounting Systems to keep these up to date at all times, particularly with regard to payments and refunds
- Reporting to accounting for sales accounting and revenue recognition purpose for both online and interline
- Delivery workflow management and data exchange between Airlines and Delivery Providers (DCS or others) and between Airlines (interline)
- The ability to prepare Delivery Providers by providing them with all necessary passenger and flight-related information to support Service delivery processes
- Tracking of Service delivery and consumption of Airline products and Services
- Order closure notification for accounting to support final accounting processes.

Overview of NDC and ONE Order:
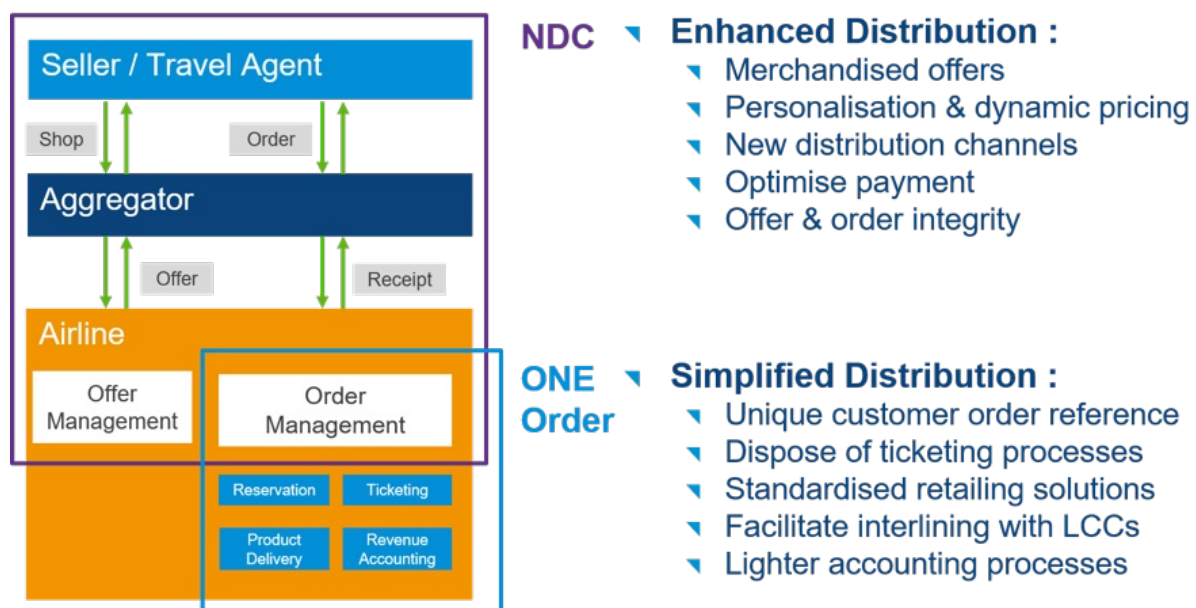
It is important to note that it is not mandatory to implement all of the features or messages defined for NDC and ONE Order to begin using Enhanced and Simplified Distribution. The full scope above defines the end-state, however the transition path may take a number of forms, covering various aspects of Offer and Order Management, Delivery and Accounting interactions. It is possible to implement NDC without implementing ONE Order.

Depending on the chosen implementation and the transition path to achieve this, the messages to be implemented may vary. For example, interactions with the accounting system to advise Order information may be implemented without the integration with delivery providers being in place, or vice versa. However, the fundamental basis for ONE Order is that an airline is working with Orders and Order Management.

Overview

Purpose

The Airline Profile schemas provide the ability for an Airline to communicate information to the Seller on a periodic basis with general information about the products and Services, or about that Airline.

With shopping requests, the Airline Profile provides information about what it is willing to receive and has the capability to respond to. These schemas are a way for an Airline to manage the volume of requests they receive and reduce queries it cannot fulfil.

Note the Airline Profile is not the equivalent of today's schedule – whilst it includes information about the routes an Airline will accept a shopping request for, the purpose of doing so is to avoid receiving unnecessarily large volumes of irrelevant requests.

An Airline's Profile is also available for consumption by other Airlines (ORAs), alongside Sellers and Aggregators, for interline requests. This is to help them decide which Airlines (POAs) to send a further shopping request to, where the ORA cannot fulfil the Seller/Aggregator's entire request with its own Services.

Features

Message	Component	Features	18.2	Changes
Request	Core	Request one of more Airline Profiles	✔	-
	Filtering	Request for all Airline Profiles	✔	-
		Request simply a location of the Airline Profile	✔	-
		Filter by Airline Owner Code	✔	-
Response		List of Airline Supported Messages	✔	-
		List of Warnings	✔	-
		Airline Profile(s) including Points of sale, Address, Rich Media and external resources (URLs)	✔	-
Message	General	Rich Content	✔	-

Message Samples

Sample Airline Profile Requests

    1. Sample Airline Profile requesting information while declaring the Sender

None	Copy

```
<IATA_AirlineProfileRQ>
 <Party>
  <Recipient>
   <ORA>
    <AirlineDesigCode>XB</AirlineDesigCode>
   </ORA>
  </Recipient>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
 <AirlineProfileFilterCriteria>
  <AirlineProfile>
   <OwnerCode>XB</OwnerCode>
  </AirlineProfile>
 </AirlineProfileFilterCriteria>
</Request>
</IATA_AirlineProfileRQ>
```

Sample Airline Profile Responses

    1. Sample Airline Profile response detailing the Ports to which the Airline operates

None	Copy

```
<IATA_AirlineProfileRS>
 <Response>
  <AirlineProfile>
   <AirlineProfileDataItem>
    <ActionTypeCode>Create</ActionTypeCode>
    <OfferFilterCriteria>
     <DirectionalIndText>3</DirectionalIndText>
     <OfferDestPoint><IATALocationCode>LHR</IATALocationCode>
</OfferDestPoint>
     <OfferOriginPoint><IATALocationCode>GVA</IATALocationCode>
</OfferOriginPoint>
    </OfferFilterCriteria>
    <OfferFilterCriteria>
     <DirectionalIndText>3</DirectionalIndText>
```

```xml
        <OfferDestPoint><IATALocationCode>LHR</IATALocationCode>
</OfferDestPoint>
        <OfferOriginPoint><IATALocationCode>JFK</IATALocationCode>
</OfferOriginPoint>
      </OfferFilterCriteria>
      <OfferFilterCriteria>
       <DirectionalIndText>3</DirectionalIndText>
       <OfferDestPoint><IATALocationCode>MAD</IATALocationCode>
</OfferDestPoint>
        <OfferOriginPoint><IATALocationCode>JFK</IATALocationCode>
</OfferOriginPoint>
      </OfferFilterCriteria>
      <SeqNumber>1</SeqNumber>
      <ServiceCriteria>
       <RFISC>0CC</RFISC>
      </ServiceCriteria>
      <ServiceCriteria>
       <RFISC>0BX</RFISC>
      </ServiceCriteria>
     </AirlineProfileDataItem>
     <ProfileOwner>
      <AirlineDesigCode>XB</AirlineDesigCode>
     </ProfileOwner>
    </AirlineProfile>
  </Response>
</IATA_AirlineProfileRS>
```

Message Samples

Sample Airline Notifs

1. Airline notifying a Seller of IATA Locations that are served and services which are offered.

None	Copy

```xml
<IATA_AirlineProfileNotif>
 <Notif>
  <AirlineProfile>
   <AirlineProfileDataItem>
    <ActionTypeCode>Create</ActionTypeCode>
    <OfferFilterCriteria>
     <OfferDestPoint>
      <IATALocationCode>LHR</IATALocationCode>
     </OfferDestPoint>
     <OfferOriginPoint>
      <IATALocationCode>GVA</IATALocationCode>
     </OfferOriginPoint>
    </OfferFilterCriteria>
    <OfferFilterCriteria>
     <OfferDestPoint>
      <IATALocationCode>LHR</IATALocationCode>
     </OfferDestPoint>
     <OfferOriginPoint>
      <IATALocationCode>JFK</IATALocationCode>
     </OfferOriginPoint>
    </OfferFilterCriteria>
    <OfferFilterCriteria>
     <OfferDestPoint>
      <IATALocationCode>MAD</IATALocationCode>
     </OfferDestPoint>
     <OfferOriginPoint>
      <IATALocationCode>JFK</IATALocationCode>
     </OfferOriginPoint>
    </OfferFilterCriteria>
    <SeqNumber>1</SeqNumber>
    <ServiceCriteria>
     <RFISC>0CC</RFISC>
    </ServiceCriteria>
    <ServiceCriteria>
     <RFISC>0BX</RFISC>
    </ServiceCriteria>
   </AirlineProfileDataItem>
   <ProfileOwner>
    <AirlineDesigCode>XB</AirlineDesigCode>
    <Name/>
   </ProfileOwner>
  </AirlineProfile>
 </Notif>
 <Party>
  <Recipient>
   <ORA>
```

```xml
      <AirlineDesigCode>XB</AirlineDesigCode>
    </ORA>
  </Recipient>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
</IATA_AirlineProfileNotif>
```

Overview

Purpose

The AirShopping transaction set supports both specific and flexible shopping experiences for anonymous or personalized shopping. Both functionally-rich attribute shopping and affinity shopping support date range or specific month (calendar) shopping, amongst other features.

The response returns Offers which may include branded or itinerary-priced Offers with or without ancillary Services. It also returns applicable rules for the integrated prices as well as for each Service. The message also returns multi-media content at message level as well as media references at the individual Offer level.

Features

Message	Component	Features	18.2	Changes
Request	Core	Search by Origin and Destination	✔	-
		Search by Affinity Shopping	✔	-
		Search either side of your query	✔	-
		Search for specific Flight(s)	✔	-
		Search in context of an existing Order	✔	-
		Search in context of a Passenger	✔	-
	Filtering	Cabin Type	✔	-
		Budget Amount	✔	-
		Maximum Journey Distance	✔	-
		Keyword Preferences	✔	-
		Stay Period	✔	-
		Boarding Gate	✔	-
		Station Name	✔	-
		Terminal Name	✔	-
		Departure Time	✔	-
		Time before or after	✔	-
		Alliance Criteria	✔	-
		Baggage Pricing Criteria	✔	-
		Carrier Preference	✔	-
		Fare Criteria	✔	-
		Aircraft Type	✔	-
		Flight Characteristics (red eye etc)	✔	-
		Payment Information	✔	-
		Frequent Flyer Information	✔	-
		Promotions	✔	-
		Seat Characteristics	✔	-
		Special Needs	✔	-
		Trip Purpose	✔	-
Response	Carrier Offers	Summary of Offers (highest, lowest)	✔	-
		Lowest Offer Price	✔	-
		A la Carte Offer	✔	-
		Carrier Offers	✔	-

		Price Calendar	✔	-
	Other	Marketing Messages	✔	-
		Commission applicable to the Agent	✔	-
		Promotion used	✔	-
		Policy Information used (PCI, PII)	✔	-
		Payment Information	✔	-
Message	General	Multilingual Support	✔	-
		Inventory Guarantee	✔	-
		Multi-Currency	✔	-
		Rich Media Support	✔	-

Message Samples

Sample Air Shopping Requests

1. Request a simple one-way international flight for 1 Adult in Economy

None   Copy

```xml
    <Request>
  <FlightCriteria>
   <OriginDestCriteria>
    <DestArrivalCriteria>
     <IATALocationCode>BCN</IATALocationCode>
    </DestArrivalCriteria>
    <OriginDepCriteria>
     <Date>2018-09-01</Date>
     <IATALocationCode>LHR</IATALocationCode>
    </OriginDepCriteria>
   </OriginDestCriteria>
  </FlightCriteria>
  <Paxs>
   <Pax>
    <PaxID>Pax1</PaxID>
    <PTC>ADT</PTC>
   </Pax>
  </Paxs>
  <ShoppingCriteria>
   <CarrierCriteria>
    <Carrier>
     <AirlineDesigCode>XB</AirlineDesigCode>
    </Carrier>
   </CarrierCriteria>
   <FlightCriteria>
    <CabinType>
     <CabinTypeCode>3</CabinTypeCode>
    </CabinType>
   </FlightCriteria>
  </ShoppingCriteria>
 </Request>
```

Sample Air Shopping Responses

1. Returning basic Offers for a return journey

None   Copy

```xml
<Response>
 <DataLists>
  <OriginDestList>
   <OriginDest>
    <DestCode>BCN</DestCode>
    <OriginCode>LHR</OriginCode>
    <OriginDestID>LHRBCN</OriginDestID>
```

```xml
      <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
     </OriginDest>
    </OriginDestList>
    <PaxJourneyList>
     <PaxJourney>
      <PaxJourneyID>FL_LHRBCN</PaxJourneyID>
      <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
     </PaxJourney>
    </PaxJourneyList>
    <PaxList>
     <Pax>
      <PaxID>SH1</PaxID>
      <PTC>ADT</PTC>
     </Pax>
    </PaxList>
    <PaxSegmentList>
     <PaxSegment>
      <Arrival>
       <IATALocationCode>BCN</IATALocationCode>
      </Arrival>
      <Dep>
       <IATALocationCode>LHR</IATALocationCode>
      </Dep>
      <MarketingCarrierInfo>
       <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
      </MarketingCarrierInfo>
      <PaxSegmentID>SEG_LHRBCN_1</PaxSegmentID>
     </PaxSegment>
    </PaxSegmentList>
    <PriceClassList>
     <PriceClass>
      <Code>M-EFO</Code>
      <FareBasisCode>EFO</FareBasisCode>
      <Name>Economy flex</Name>
      <PriceClassID>PC1</PriceClassID>
     </PriceClass>
    </PriceClassList>
    <ServiceDefinitionList>
     <ServiceDefinition>
      <Desc>
       <DescText>First Bag</DescText>
      </Desc>
      <Name>1st Bag</Name>
      <ServiceCode>BAG</ServiceCode>
      <ServiceDefinitionID>SV_1012_EFO</ServiceDefinitionID>
     </ServiceDefinition>
     <ServiceDefinition>
      <Desc>
       <DescText>Meal</DescText>
      </Desc>
      <Name>Snack</Name>
      <ServiceCode>MEL</ServiceCode>
      <ServiceDefinitionID>SV_1014_EFO</ServiceDefinitionID>
     </ServiceDefinition>
```

```xml
      <ServiceDefinition>
       <Desc>
        <DescText>Second Bag</DescText>
       </Desc>
       <Name>2nd Bag</Name>
       <ServiceCode>BAG</ServiceCode>
       <ServiceDefinitionID>SV_1015_EFO</ServiceDefinitionID>
      </ServiceDefinition>
     </ServiceDefinitionList>
    </DataLists>
    <OffersGroup>
     <AllOffersSummary>
      <MatchedOfferQty>3</MatchedOfferQty>
     </AllOffersSummary>
     <CarrierOffers>
      <ALaCarteOffer>
       <ALaCarteOfferItem>
        <Eligibility>
         <FlightAssociations>
          <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
         </FlightAssociations>
         <PaxRefID>SH1</PaxRefID>
         <PriceClassRefID>PC1</PriceClassRefID>
        </Eligibility>
        <OfferItemID>OfferItemID1</OfferItemID>
        <Service>
         <ServiceDefinitionRefID>SV_1015_EFO</ServiceDefinitionRefID>
         <ServiceID>SV_1015_1</ServiceID>
        </Service>
        <UnitPrice>
         <BaseAmount CurCode="EUR">55.00</BaseAmount>
         <TaxSummary>
          <TotalTaxAmount CurCode="EUR">0.00</TotalTaxAmount>
         </TaxSummary>
         <TotalAmount CurCode="EUR">55.00</TotalAmount>
        </UnitPrice>
       </ALaCarteOfferItem>
       <OfferID>AlaCarteOfferID_1</OfferID>
       <OwnerCode>XB</OwnerCode>
      </ALaCarteOffer>
      <Offer>
       <JourneyOverview>
        <JourneyPriceClass>
         <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
         <PriceClassRefID>PC1</PriceClassRefID>
        </JourneyPriceClass>
       </JourneyOverview>
       <OfferExpirationDateTime>2018-08-
11T23:29:41.543+03:00</OfferExpirationDateTime>
       <OfferID>OFFER1</OfferID>
       <OfferItem>
        <OfferItemID>OFFERITEM1_1</OfferItemID>
        <Price>
         <BaseAmount CurCode="EUR">122.00</BaseAmount>
         <TaxSummary>
          <TotalTaxAmount CurCode="EUR">153.58</TotalTaxAmount>
```

```xml
          </TaxSummary>
          <TotalAmount CurCode="EUR">275.58</TotalAmount>
        </Price>
        <Service>
         <PaxRefID>SH1</PaxRefID>
         <ServiceAssociations>
          <ServiceDefinitionRef>
           <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>

<ServiceDefinitionRefID>SV_1012_EFO</ServiceDefinitionRefID>
          </ServiceDefinitionRef>
         </ServiceAssociations>
         <ServiceID>SV_1012_EFO</ServiceID>
        </Service>
        <Service>
         <PaxRefID>SH1</PaxRefID>
         <ServiceAssociations>
          <ServiceDefinitionRef>
           <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>

<ServiceDefinitionRefID>SV_1014_EFO</ServiceDefinitionRefID>
          </ServiceDefinitionRef>
         </ServiceAssociations>
         <ServiceID>SV_1014_EFO</ServiceID>
        </Service>
        <Service>
         <PaxRefID>SH1</PaxRefID>
         <ServiceAssociations>
          <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
         </ServiceAssociations>
         <ServiceID>FL1_1_FL_LHRBCN_1_SH1</ServiceID>
        </Service>
       </OfferItem>
       <OwnerCode>XB</OwnerCode>
       <TotalPrice>
        <BaseAmount CurCode="EUR">122.00</BaseAmount>
        <TaxSummary>
         <TotalTaxAmount CurCode="EUR">153.58</TotalTaxAmount>
        </TaxSummary>
        <TotalAmount CurCode="EUR">275.58</TotalAmount>
       </TotalPrice>
      </Offer>
      <Offer>
       <JourneyOverview>
        <JourneyPriceClass>
         <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
         <PriceClassRefID>PC1</PriceClassRefID>
        </JourneyPriceClass>
       </JourneyOverview>
       <OfferExpirationDateTime>2018-08-
11T23:29:41.543+03:00</OfferExpirationDateTime>
       <OfferID>OFFER2</OfferID>
       <OfferItem>
        <OfferItemID>OFFERITEM2_1</OfferItemID>
        <Price>
         <BaseAmount CurCode="EUR">122.00</BaseAmount>
```

```xml
          <TaxSummary>
           <TotalTaxAmount CurCode="EUR">153.58</TotalTaxAmount>
          </TaxSummary>
          <TotalAmount CurCode="EUR">275.58</TotalAmount>
         </Price>
         <Service>
          <PaxRefID>SH1</PaxRefID>
          <ServiceAssociations>
           <ServiceDefinitionRef>
            <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>

<ServiceDefinitionRefID>SV_1012_EFO</ServiceDefinitionRefID>
           </ServiceDefinitionRef>
          </ServiceAssociations>
          <ServiceID>SV_1012_EFO</ServiceID>
         </Service>
         <Service>
          <PaxRefID>SH1</PaxRefID>
          <ServiceAssociations>
           <ServiceDefinitionRef>
            <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>

<ServiceDefinitionRefID>SV_1014_EFO</ServiceDefinitionRefID>
           </ServiceDefinitionRef>
          </ServiceAssociations>
          <ServiceID>SV_1014_EFO</ServiceID>
         </Service>
         <Service>
          <PaxRefID>SH1</PaxRefID>
          <ServiceAssociations>
           <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
          </ServiceAssociations>
          <ServiceID>FL2_1_FL_LHRBCN_1_SH1</ServiceID>
         </Service>
        </OfferItem>
        <OwnerCode>XB</OwnerCode>
        <TotalPrice>
         <BaseAmount CurCode="EUR">122.00</BaseAmount>
         <TaxSummary>
          <TotalTaxAmount CurCode="EUR">153.58</TotalTaxAmount>
         </TaxSummary>
         <TotalAmount CurCode="EUR">275.58</TotalAmount>
        </TotalPrice>
       </Offer>
      </CarrierOffers>
     </OffersGroup>
     <ShoppingResponse>
      <OwnerCode>XB</OwnerCode>
      <ShoppingResponseID>201-fffe76f290cc489f98f58bf20061b496</ShoppingResponseID>
     </ShoppingResponse>
    </Response>
```

Overview

> **Note:**
>
> This message is under review for PADIS 19.2 and above.

Purpose

InvReleaseNotif transaction sends an unsolicited notification of released guaranteed inventory. The Acknowledgement message may be returned to acknowledge receipt of the notification.

Features

Message	Component	Features	18.2	Changes
Request	Notification	Advises of the Inventory Guarantee Reference which will be released	✔	-
		Advises of Time Limit	✔	-
		Advises the related Offer	✔	-
		Advised the related order	✔	-
Response	See Acknowledgement			

Sample Messages

Sample Inventory Release Notif

1. Releasing Inventory for a specified Offer

None	Copy

```
<IATA_InvReleaseNotif>
 <Notification>
  <InventoryGuarantee>
   <Associations>
    <Offer>
     <OfferID>OFFER1</OfferID>
    </Offer>
   </Associations>
   <InventoryGuaranteeID>InvGuarantee_1</InventoryGuaranteeID>
  </InventoryGuarantee>
 </Notification>
 <Party>
  <Recipient>
   <ORA>
    <AirlineDesigCode>XB</AirlineDesigCode>
   </ORA>
  </Recipient>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
</IATA_InvReleaseNotif>
```

Overview

Purpose

The OfferPrice transaction set may return two different sets of content. Based on request attributes, the response may initially provide additional à la carte ancillary services that are applicable and available for the selected Offer.

If no ancillary services are available, the message returns a final pricing. If ancillary services are available, the modified pricing request includes selected services and returns a final pricing that includes service(s) selection. The response message also returns multi-media content at the message level.

Features

Message	Component	Features	18.2	Changes
Request	Core	Request Offer based on one or more Offers	✔	-
		Request Offer based on Origin and Destination	✔	-
		Request Offer in the Context of a Ticket	✔	-
		Ability to specify the Language, Currency for the Response	✔	-
	Filtering	Alliances	✔	-
		Baggage Criteria (Prepaid, Carry-on)	✔	-
		Cabin Type	✔	-
		Carrier	✔	-
		Connections	✔	-
		Fare Rules	✔	-
		Flight Criteria	✔	-
		Payment	✔	-
		Pricing	✔	-
		Program Criteria	✔	-
		Promotion Criteria	✔	-
		Seat Criteria	✔	-
		Special Needs	✔	-
		Trip Purpose	✔	-
Response	Offers	A Priced Offer	✔	-
		Other Offers	✔	-
		Commission	✔	-
		Payment Info Used	✔	-
		Promotions	✔	-
		Baggage Disclosure	✔	-
		Service	✔	-
		Seats	✔	-
	Other	Return marketing text	✔	-
Message	General	Multilingual Support	✔	-
		Inventory Guarantee	✔	-
		Multi-Currency	✔	-
		Rich Media Support	✔	-

Sample Messages

Sample Offer Price Requests

1. Seller requesting more information for a selected Offer

None	Copy

```xml
<IATA_OfferPriceRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <DataLists>
   <PaxList>
    <Pax>
     <PaxID>SH1</PaxID>
     <PTC>ADT</PTC>
    </Pax>
    <Pax>
     <PaxID>SH2</PaxID>
     <PTC>ADT</PTC>
    </Pax>
    <Pax>
     <PaxID>SH3</PaxID>
     <PTC>CHD</PTC>
    </Pax>
    <Pax>
     <PaxID>SH4</PaxID>
     <PTC>INF</PTC>
    </Pax>
   </PaxList>
  </DataLists>
  <PricedOffer>
   <SelectedOffer>
    <OfferRefID>OFFER1</OfferRefID>
    <OwnerCode>XB</OwnerCode>
    <SelectedOfferItem>
     <OfferItemRefID>OFFERITEM1_1</OfferItemRefID>
     <PaxRefID>SH1</PaxRefID>
     <PaxRefID>SH2</PaxRefID>
    </SelectedOfferItem>
    <SelectedOfferItem>
     <OfferItemRefID>OFFERITEM1_2</OfferItemRefID>
```

```
      <PaxRefID>SH3</PaxRefID>
    </SelectedOfferItem>
    <SelectedOfferItem>
     <OfferItemRefID>OFFERITEM1_3</OfferItemRefID>
     <PaxRefID>SH4</PaxRefID>
    </SelectedOfferItem>
    <SelectedOfferItem>
     <OfferItemRefID>OfferItemID1</OfferItemRefID>
     <PaxRefID>SH1</PaxRefID>
    </SelectedOfferItem>
    <SelectedOfferItem>
     <OfferItemRefID>OfferItemID3</OfferItemRefID>
     <PaxRefID>SH1</PaxRefID>
    </SelectedOfferItem>
    <SelectedOfferItem>
     <OfferItemRefID>OfferItemID5</OfferItemRefID>
     <PaxRefID>SH1</PaxRefID>
     <PaxRefID>SH2</PaxRefID>
    </SelectedOfferItem>
    <ShoppingResponseRefID>201-
fffe76f290cc489f98f58bf20061b496</ShoppingResponseRefID>
   </SelectedOffer>
  </PricedOffer>
 </Request>
</IATA_OfferPriceRQ>
```

Sample Offer Price Responses

1. Airline responding with a basic Offer Price response

None	Copy

```
<IATA_OfferPriceRS>
 <Response>
  <DataLists>
   <OriginDestList>
    <OriginDest>
     <DestCode>BCN</DestCode>
     <OriginCode>LHR</OriginCode>
     <OriginDestID>LHRBCN</OriginDestID>
     <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
    </OriginDest>
    <OriginDest>
     <DestCode>LHR</DestCode>
     <OriginCode>BCN</OriginCode>
     <OriginDestID>BCNLHR</OriginDestID>
     <PaxJourneyRefID>FL_BCNLHR</PaxJourneyRefID>
    </OriginDest>
   </OriginDestList>
   <PaxJourneyList>
    <PaxJourney>
     <PaxJourneyID>FL_LHRBCN</PaxJourneyID>
     <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
    </PaxJourney>
    <PaxJourney>
```

```xml
          <PaxJourneyID>FL_BCNLHR</PaxJourneyID>
          <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
        </PaxJourney>
      </PaxJourneyList>
      <PaxList>
       <Pax>
        <PaxID>SH1</PaxID>
        <PTC>ADT</PTC>
       </Pax>
       <Pax>
        <PaxID>SH2</PaxID>
        <PTC>ADT</PTC>
       </Pax>
       <Pax>
        <PaxID>SH3</PaxID>
        <PTC>CHD</PTC>
       </Pax>
       <Pax>
        <PaxID>SH4</PaxID>
        <PTC>INF</PTC>
       </Pax>
      </PaxList>
      <PaxSegmentList>
       <PaxSegment>
        <Arrival>
         <IATALocationCode>BCN</IATALocationCode>
        </Arrival>
        <Dep>
         <AircraftScheduledDateTime>2018-12-
20T23:29:41.543+03:00</AircraftScheduledDateTime>
         <IATALocationCode>LHR</IATALocationCode>
        </Dep>
        <MarketingCarrierInfo>
         <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
        </MarketingCarrierInfo>
        <PaxSegmentID>SEG_LHRBCN_1</PaxSegmentID>
       </PaxSegment>
       <PaxSegment>
        <Arrival>
         <IATALocationCode>LHR</IATALocationCode>
        </Arrival>
        <Dep>
         <AircraftScheduledDateTime>2018-12-
29T23:29:41.543+03:00</AircraftScheduledDateTime>
         <IATALocationCode>BCN</IATALocationCode>
        </Dep>
        <MarketingCarrierInfo>
         <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
        </MarketingCarrierInfo>
        <PaxSegmentID>SEG_BCNLHR_1</PaxSegmentID>
       </PaxSegment>
      </PaxSegmentList>
```

```xml
<PriceClassList>
 <PriceClass>
  <Code>M-EFO</Code>
  <FareBasisCode>EFO</FareBasisCode>
  <Name>Economy flex</Name>
  <PriceClassID>PC1</PriceClassID>
 </PriceClass>
 <PriceClass>
  <Code>DV3S/Y</Code>
  <FareBasisCode>DV3S/Y</FareBasisCode>
  <Name>Club Europe</Name>
  <PriceClassID>PC2</PriceClassID>
 </PriceClass>
</PriceClassList>
<ServiceDefinitionList>
 <ServiceDefinition>
  <Desc>
   <DescText>First Bag</DescText>
  </Desc>
  <Name>1st Bag</Name>
  <ServiceCode>BAG</ServiceCode>
  <ServiceDefinitionID>SV_1023_EFO</ServiceDefinitionID>
 </ServiceDefinition>
 <ServiceDefinition>
  <Desc>
   <DescText>Second Bag</DescText>
  </Desc>
  <Name>2nd Bag</Name>
  <ServiceCode>BAG</ServiceCode>
  <ServiceDefinitionID>SV_1010_EFO</ServiceDefinitionID>
 </ServiceDefinition>
 <ServiceDefinition>
  <Desc>
   <DescText>Stay connected using any Wi-Fi enabled
device</DescText>
  </Desc>
  <Name>Inflight Wi-Fi</Name>
  <ServiceCode>CON</ServiceCode>
  <ServiceDefinitionID>SV_1009_EFO</ServiceDefinitionID>
 </ServiceDefinition>
 <ServiceDefinition>
  <Desc>
   <DescText>Escape the crowds and find a quiet space to work or
relax</DescText>
  </Desc>
  <Name>Lounge Pass</Name>
  <ServiceCode>GRN</ServiceCode>
  <ServiceDefinitionID>SV_1011_EFO</ServiceDefinitionID>
 </ServiceDefinition>
 <ServiceDefinition>
  <Desc>
   <DescText>This is a non-strict vegetarian meal</DescText>
  </Desc>
  <Name>Standard Meal</Name>
  <ServiceCode>MEL</ServiceCode>
  <ServiceDefinitionID>SV_1017_EFO</ServiceDefinitionID>
```

```xml
          </ServiceDefinition>
        </ServiceDefinitionList>
      </DataLists>
      <OtherOffers>
       <ALaCarteOffer>
        <ALaCarteOfferItem>
         <Eligibility>
          <FlightAssociations>
           <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
          </FlightAssociations>
          <PaxRefID>SH1</PaxRefID>
          <PriceClassRefID>PC1</PriceClassRefID>
         </Eligibility>
         <OfferItemID>OfferItemID1</OfferItemID>
         <Service>
          <ServiceDefinitionRefID>SV_1023_EFO</ServiceDefinitionRefID>
          <ServiceID>SV_1023_1</ServiceID>
         </Service>
         <UnitPrice>
          <TotalAmount CurCode="EUR">35.00</TotalAmount>
         </UnitPrice>
        </ALaCarteOfferItem>
        <ALaCarteOfferItem>
         <Eligibility>
          <FlightAssociations>
           <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
          </FlightAssociations>
          <PaxRefID>SH1</PaxRefID>
          <PriceClassRefID>PC1</PriceClassRefID>
         </Eligibility>
         <OfferItemID>OfferItemID3</OfferItemID>
         <Service>
          <ServiceDefinitionRefID>SV_1009_EFO</ServiceDefinitionRefID>
          <ServiceID>SV_1009_1</ServiceID>
         </Service>
         <UnitPrice>
          <TotalAmount CurCode="EUR">12.00</TotalAmount>
         </UnitPrice>
        </ALaCarteOfferItem>
        <ALaCarteOfferItem>
         <Eligibility>
          <FlightAssociations>
           <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
          </FlightAssociations>
          <PaxRefID>SH1</PaxRefID>
          <PaxRefID>SH2</PaxRefID>
          <PriceClassRefID>PC1</PriceClassRefID>
         </Eligibility>
         <OfferItemID>OfferItemID5</OfferItemID>
         <Service>
          <ServiceDefinitionRefID>SV_1017_EFO</ServiceDefinitionRefID>
          <ServiceID>SV_1017_1</ServiceID>
         </Service>
         <UnitPrice>
          <TotalAmount CurCode="EUR">10.00</TotalAmount>
         </UnitPrice>
```

```xml
      </ALaCarteOfferItem>
      <OfferID>ALaCarteOfferID_1</OfferID>
      <OwnerCode>XB</OwnerCode>
     </ALaCarteOffer>
    </OtherOffers>
    <PricedOffer>
     <JourneyOverview>
      <JourneyPriceClass>
       <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
       <PriceClassRefID>PC1</PriceClassRefID>
      </JourneyPriceClass>
      <JourneyPriceClass>
       <PaxJourneyRefID>FL_BCNLHR</PaxJourneyRefID>
       <PriceClassRefID>PC1</PriceClassRefID>
      </JourneyPriceClass>
     </JourneyOverview>
     <OfferExpirationDateTime>2019-06-07T20:14:45.913Z</OfferExpirationDateTime>
     <OfferID>OFFER1</OfferID>
     <OfferItem>
      <OfferItemID>OFFERITEM1_1</OfferItemID>
      <Price>
       <BaseAmount CurCode="EUR">122.00</BaseAmount>
       <TaxSummary>
        <TotalTaxAmount CurCode="EUR">153.58</TotalTaxAmount>
       </TaxSummary>
       <TotalAmount CurCode="EUR">275.58</TotalAmount>
      </Price>
      <Service>
       <PaxRefID>SH1</PaxRefID>
       <PaxRefID>SH2</PaxRefID>
       <ServiceAssociations>
        <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
        <PaxJourneyRefID>FL_BCNLHR</PaxJourneyRefID>
       </ServiceAssociations>
       <ServiceID>FL1_1_FL_LHRBCNLHR</ServiceID>
      </Service>
     </OfferItem>
     <OfferItem>
      <OfferItemID>OFFERITEM1_2</OfferItemID>
      <Price>
       <BaseAmount CurCode="EUR">122.00</BaseAmount>
       <TaxSummary>
        <TotalTaxAmount CurCode="EUR">100.58</TotalTaxAmount>
       </TaxSummary>
       <TotalAmount CurCode="EUR">222.58</TotalAmount>
      </Price>
      <Service>
       <PaxRefID>SH3</PaxRefID>
       <ServiceAssociations>
        <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
        <PaxJourneyRefID>FL_BCNLHR</PaxJourneyRefID>
       </ServiceAssociations>
       <ServiceID>FL1_2_FL_LHRBCNLHR</ServiceID>
      </Service>
     </OfferItem>
     <OfferItem>
```

```xml
    <OfferItemID>OFFERITEM1_3</OfferItemID>
    <Price>
     <BaseAmount CurCode="EUR">82.00</BaseAmount>
     <TaxSummary>
      <TotalTaxAmount CurCode="EUR">100.58</TotalTaxAmount>
     </TaxSummary>
     <TotalAmount CurCode="EUR">182.58</TotalAmount>
    </Price>
    <Service>
     <PaxRefID>SH4</PaxRefID>
     <ServiceAssociations>
      <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
      <PaxJourneyRefID>FL_BCNLHR</PaxJourneyRefID>
     </ServiceAssociations>
     <ServiceID>FL1_3_FL_LHRBCNLHR</ServiceID>
    </Service>
   </OfferItem>
   <OwnerCode>XB</OwnerCode>
  </PricedOffer>
  <ShoppingResponse>
   <ShoppingResponseID>213-6b0494d98fb8410781e0406d519be725</ShoppingResponseID>
  </ShoppingResponse>
 </Response>
</IATA_OfferPriceRS>
```

Sample Messages

Sample Requests

1. Request seat availability in the context of an existing Order

None	Copy

```
<Request>
 <CoreRequest>
 <Order>
  <OrderID>D16CH5</OrderID>
  <OwnerCode>XB</OwnerCode>
 </Order>
 </CoreRequest>
</Request>
```

2. Request seat availability in the context of an Offer

None	Copy

```
<IATA_SeatAvailRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <CoreRequest>
   <Offer>
    <OfferID>OFFER1</OfferID>
    <OwnerCode>C9</OwnerCode>
   </Offer>
  </CoreRequest><ShoppingResponse>
   <ShoppingResponseID>ere5464fygh7tugjgjghh</ShoppingResponseID>
  </ShoppingResponse>
 </Request>
</IATA_SeatAvailRQ>
```

3. Requesting seat availability in the context of a Passenger

None	Copy

```
<IATA_SeatAvailRQ>
 <MessageDoc>
```

```
    <Name>NDC GATEWAY</Name>
    <RefVersionNumber>1.0</RefVersionNumber>
  </MessageDoc>
  <Party>
   <Sender>
    <TravelAgency>
     <AgencyID>00010000</AgencyID>
     <IATANumber>00012345</IATANumber>
     <Name>Sunny Travel</Name>
    </TravelAgency>
   </Sender>
  </Party>
  <Request>
   <CoreRequest>
    <PaxSegment>
     <Arrival>
      <IATALocationCode>BCN</IATALocationCode>
     </Arrival>
     <Dep>
      <AircraftScheduledDateTime>2018-12-
20T23:29:41.543+03:00</AircraftScheduledDateTime>
      <IATALocationCode>LHR</IATALocationCode>
     </Dep>
     <MarketingCarrierInfo>
      <CarrierDesigCode>C9</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
     </MarketingCarrierInfo>
     <PaxSegmentID>SEG_LHRBCN_1</PaxSegmentID>
    </PaxSegment>
   </CoreRequest>
  </Request>
</IATA_SeatAvailRQ>
```

Sample Responses

1. Response showing a seat map only with no Offers

None	Copy

```
<Response>
  <ALaCarteOffer>
   <ALaCarteOfferItem>
    <Eligibility>
     <FlightAssociations>
      <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
     </FlightAssociations>
     <PaxRefID>SH1</PaxRefID>
    </Eligibility>
    <OfferItemID>OfferItemSeat01</OfferItemID>
    <Service>
     <ServiceDefinitionRefID>Seat01</ServiceDefinitionRefID>
     <ServiceID>SIDSeat0001</ServiceID>
    </Service>
```

```xml
    <UnitPrice>
     <BaseAmount CurCode="EUR">15.00</BaseAmount>
     <TaxSummary>
      <TotalTaxAmount CurCode="EUR">0.00</TotalTaxAmount>
     </TaxSummary>
     <TotalAmount CurCode="EUR">15.00</TotalAmount>
    </UnitPrice>
   </ALaCarteOfferItem>
   <OfferID>OFSeat001</OfferID>
   <OwnerCode>C9</OwnerCode>
  </ALaCarteOffer>
  <DataLists>
   <OriginDestList>
    <OriginDest>
     <DestCode>BCN</DestCode>
     <OriginCode>LHR</OriginCode>
     <OriginDestID>LHRBCN</OriginDestID>
     <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
    </OriginDest>
   </OriginDestList>
   <PaxJourneyList>
    <PaxJourney>
     <PaxJourneyID>FL_LHRBCN</PaxJourneyID>
     <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
    </PaxJourney>
   </PaxJourneyList>
   <PaxList>
    <Pax>
     <PaxID>SH1</PaxID>
     <PTC>ADT</PTC>
    </Pax>
   </PaxList>
   <PaxSegmentList>
    <PaxSegment>
     <Arrival>
      <IATALocationCode>BCN</IATALocationCode>
     </Arrival>
     <Dep>
      <IATALocationCode>LHR</IATALocationCode>
     </Dep>
     <MarketingCarrierInfo>
      <CarrierDesigCode>C9</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
     </MarketingCarrierInfo>
     <PaxSegmentID>SEG_LHRBCN_1</PaxSegmentID>
    </PaxSegment>
   </PaxSegmentList>
   <PriceClassList>
    <PriceClass>
     <Code>M-EFO</Code>
     <FareBasisCode>EFO</FareBasisCode>
     <Name>Economy flex</Name>
     <PriceClassID>PC1</PriceClassID>
    </PriceClass>
   </PriceClassList>
```

```xml
<SeatProfileList>
 <SeatProfile>
  <CharacteristicCode>K</CharacteristicCode>
  <CharacteristicCode>W</CharacteristicCode>
  <CharacteristicCode>CH</CharacteristicCode>
  <SeatProfileID>SeatDef1</SeatProfileID>
 </SeatProfile>
 <SeatProfile>
  <CharacteristicCode>K</CharacteristicCode>
  <CharacteristicCode>W</CharacteristicCode>
  <CharacteristicCode>CH</CharacteristicCode>
  <SeatProfileID>SeatDef2</SeatProfileID>
 </SeatProfile>
</SeatProfileList>
<ServiceDefinitionList>
 <ServiceDefinition>
  <Desc>
   <DescText>Seat Assignment Service</DescText>
  </Desc>
  <Name>Seat</Name>
  <ServiceCode>SEAT</ServiceCode>
  <ServiceDefinitionAssociation>
   <SeatProfileRefID>SeatDef1</SeatProfileRefID>
  </ServiceDefinitionAssociation>
  <ServiceDefinitionID>Seat01</ServiceDefinitionID>
 </ServiceDefinition>
</ServiceDefinitionList>
</DataLists>
<SeatMap>
 <CabinCompartment>
  <CabinType>
   <CabinTypeCode>F</CabinTypeCode>
   <CabinTypeName>First</CabinTypeName>
  </CabinType>
  <FirstRowNumber>1</FirstRowNumber>
  <LastRowNumber>2</LastRowNumber>
  <SeatRow>
   <RowNumber>1</RowNumber>
   <Seat>
    <ColumnID>B</ColumnID>
    <SeatProfileRefID>SeatDef1</SeatProfileRefID>
   </Seat>
   <Seat>
    <ColumnID>D</ColumnID>
    <SeatProfileRefID>SeatDef1</SeatProfileRefID>
   </Seat>
   <Seat>
    <ColumnID>F</ColumnID>
    <SeatProfileRefID>SeatDef1</SeatProfileRefID>
   </Seat>
  </SeatRow>
  <SeatRow>
   <RowNumber>2</RowNumber>
   <Seat>
    <ColumnID>B</ColumnID>
    <SeatProfileRefID>SeatDef1</SeatProfileRefID>
```

```
        </Seat>
        <Seat>
         <ColumnID>D</ColumnID>
         <SeatProfileRefID>SeatDef1</SeatProfileRefID>
        </Seat>
        <Seat>
         <ColumnID>F</ColumnID>
         <SeatProfileRefID>SeatDef1</SeatProfileRefID>
        </Seat>
       </SeatRow>
      </CabinCompartment>
      <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
     </SeatMap>
     <ShoppingResponse>
      <ShoppingResponseID>213-6b0494d98fb8410781e0406d519be725</ShoppingResponseID>
     </ShoppingResponse>
    </Response>
```

Overview

Purpose

The purpose of ServiceList is to return a list of all applicable ancillary services that meet the Sellers request qualifiers and flights. The message supports shopping for additional a la carte services to complement any selected Offer, as well as shopping for specialty service items not generally included in an initial Offer but rather based on service search filters, e.g. sports equipment specialty baggage and unaccompanied minor fees. The message also returns multi-media content at both the message and individual service levels identified in the Offer.

Scope

In a distribution context, this message is used by the Airline Offer and/or Order Management System to present relevant a la cate Offers to the Seller. For NDC interline, this message can be used to present POA Offers to the ORA. Within an Order Management System, the Airline could have external Service Providers, in which case this message can be used to provide relevant Offers from the Service Provider to the Airlines Offer/Order Management System.

Features

Message	Component	Features	18.2	Changes
Request	Core	Accept an Offer as input for Services	✔	-
		Accept an Order as input for Services	✔	-
		Accept an Itinerary as input for Services	✔	-
		Filter a la Carte Offers by specific Itinerary Segment.	✔	-
		Filter a la Carte Offers by specific Passengers.	✔	-
	Filtering	Alliances	✔	-
		Baggage Criteria (Prepaid, Carry-on)	✔	-
		Cabin Type	✔	-
		Carrier	✔	-
		Connections	✔	-
		Fare Rules	✔	-
		Flight Criteria	✔	-
		Payment	✔	-
		Pricing	✔	-
		Program Criteria	✔	-
		Promotion Criteria	✔	-
		Seat Criteria	✔	-
		Special Needs	✔	-
		Trip Purpose	✔	-
Response	Offers	Return 'a la Carte' Offer(s)	✔	-
		Baggage Allowance	✔	-
		Baggage Disclosure	✔	-
		Service	✔	-
		Seats	✔	-
	Other	Return marketing text	✔	-

Message	General	Multilingual Support	✔	-
		Inventory Guarantee	✔	-
		Multi-Currency	✔	-
		Rich Media Support	✔	-

Message Sample

The below samples are suggested implementations of how to request Airline Services and what the response could look like.

Sample Request

1. Request Services using an existing Offer and selected the Offer Items to return Services for

None	Copy

```
   <Request>
 <CoreRequest>
 <Offer>
  <OfferID>OFFER1</OfferID>
  <OfferItem>
   <OfferItemID>OFFERITEM1_1</OfferItemID>
  </OfferItem>
 </Offer>
 </CoreRequest>
 <Pax>
  <PaxID>Pax1</PaxID>
  <PTC>ADT</PTC>
 </Pax>
 </Request>
```

2. Request Services using an existing Offer

None	Copy

```
<Request>
   <CoreRequest>
   <Offer>
    <OfferID>OFFER1</OfferID>
    <OfferItem>
     <OfferItemID>OFFERITEM1_1</OfferItemID>
    </OfferItem>
   </Offer>
  </CoreRequest>
  <Pax>
   <PaxID>SH1</PaxID>
   <PTC>ADT</PTC>
  </Pax>
 </Request>
```

3. Request using an Itinerary

None	Copy

```
<IATA_ServiceListRQ>
  <Party>
```

```xml
<Recipient>
 <ORA>
  <AirlineDesigCode>XB</AirlineDesigCode>
 </ORA>
</Recipient>
<Sender>
 <TravelAgency>
  <AgencyID>00010000</AgencyID>
  <IATANumber>00012345</IATANumber>
  <Name>Sunny Travel</Name>
 </TravelAgency>
</Sender>
</Party>
<Request>
 <CoreRequest>
  <OriginDest>
   <DestStationCode>BCN</DestStationCode>
   <OriginStationCode>LHR</OriginStationCode>
   <PaxJourney>
    <PaxSegment>
     <Arrival>
      <IATALocationCode>BCN</IATALocationCode>
     </Arrival>
     <Dep>
      <AircraftScheduledDateTime>2018-12-20T23:29:41.543+03:00</AircraftScheduledDateTime>
      <IATALocationCode>LHR</IATALocationCode>
     </Dep>
     <MarketingCarrierInfo>
      <CarrierDesigCode>C9</CarrierDesigCode>
      <MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
     </MarketingCarrierInfo>
     <OperatingCarrierInfo>
      <CarrierDesigCode>C9</CarrierDesigCode>
     </OperatingCarrierInfo>
    </PaxSegment>
   </PaxJourney>
  </OriginDest>
 </CoreRequest>
 <Pax>
  <PaxID>SH1</PaxID>
  <PTC>ADT</PTC>
 </Pax>
 <Pax>
  <PaxID>SH2</PaxID>
  <PTC>ADT</PTC>
 </Pax>
 <Pax>
  <PaxID>SH3</PaxID>
  <PTC>CHD</PTC>
 </Pax>
 <Pax>
  <PaxID>SH4</PaxID>
  <PTC>INF</PTC>
 </Pax>
```

```
    </Request>
</IATA_ServiceListRQ>
```

Sample Responses

1. Response returning an additional baggage only

None	Copy

```xml
<Response>
  <ALaCarteOffer>
   <ALaCarteOfferItem>
   <Eligibility>
    <FlightAssociations>
     <PaxSegmentRefID>Sg001</PaxSegmentRefID>
    </FlightAssociations>
   </Eligibility>
   <OfferItemID>OFFERITEM1_1</OfferItemID>
   <Service>
    <ServiceDefinitionRefID>BagService</ServiceDefinitionRefID>
    <ServiceID>Svc3333-1-1</ServiceID>
   </Service>
   <UnitPrice>
    <BaseAmount>35.00</BaseAmount>
    <Fee>
     <Amount>10.00</Amount>
    </Fee>
    <TotalAmount>45.00</TotalAmount>
   </UnitPrice>
   </ALaCarteOfferItem>
   <OfferID>OFFER1</OfferID>
   <OwnerCode>C9</OwnerCode>
   <PaymentTimeLimitDateTime>2018-10-14T14:15:00</PaymentTimeLimitDateTime>
  </ALaCarteOffer>
  <DataLists>
  <PaxList>
   <Pax>
    <PaxID>SH1</PaxID>
    <PTC>ADT</PTC>
   </Pax>
  </PaxList>
  <PaxSegmentList>
   <PaxSegment>
    <Arrival>
     <AircraftScheduledDateTime>2018-10-
20T14:15:00</AircraftScheduledDateTime>
     <IATALocationCode>CDG</IATALocationCode>
    </Arrival>
    <Dep>
     <AircraftScheduledDateTime>2018-10-
20T14:18:00</AircraftScheduledDateTime>
     <IATALocationCode>JFK</IATALocationCode>
    </Dep>
    <MarketingCarrierInfo>
```

```
            <CarrierDesigCode>C9</CarrierDesigCode>

<MarketingCarrierFlightNumberText>401</MarketingCarrierFlightNumberText>
        </MarketingCarrierInfo>
        <PaxSegmentID>Sg001</PaxSegmentID>
      </PaxSegment>
    </PaxSegmentList>
    <ServiceDefinitionList>
     <ServiceDefinition>
      <Desc>
       <DescText>First additional Bag Service - up to 23kg</DescText>
      </Desc>
      <Name>First additional Bag - up to 23kg</Name>
      <ServiceDefinitionID>BagService</ServiceDefinitionID>
     </ServiceDefinition>
    </ServiceDefinitionList>
   </DataLists>
  </Response>
```

2. Response showing Lounge and Wifi

None   Copy

```
<IATA_ServiceListRS>
 <Response>
  <ALaCarteOffer>
   <ALaCarteOfferItem>
    <Eligibility>
     <FlightAssociations>
      <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
     </FlightAssociations>
     <PaxRefID>SH1</PaxRefID>
    </Eligibility>
    <OfferItemID>OfferItemID3</OfferItemID>
    <Service>
     <ServiceDefinitionRefID>SV_1009_EFO</ServiceDefinitionRefID>
     <ServiceID>SV_1009_EFO</ServiceID>
    </Service>
    <UnitPrice>
     <TotalAmount>12.00</TotalAmount>
    </UnitPrice>
   </ALaCarteOfferItem>
   <ALaCarteOfferItem>
    <Eligibility>
     <FlightAssociations>
      <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
     </FlightAssociations>
     <PaxRefID>SH1</PaxRefID>
    </Eligibility>
    <OfferItemID>OfferItemID4</OfferItemID>
    <Service>
     <ServiceDefinitionRefID>SV_1011_EFO</ServiceDefinitionRefID>
     <ServiceID>SV_1011_EFO</ServiceID>
    </Service>
    <UnitPrice>
     <TotalAmount>35.00</TotalAmount>
```

```xml
      </UnitPrice>
    </ALaCarteOfferItem>
    <OfferID>ALaCarteOfferID_1</OfferID>
    <OwnerCode>C9</OwnerCode>
    <PaymentTimeLimitDateTime>2018-10-14T14:15:00</PaymentTimeLimitDateTime>
  </ALaCarteOffer>
 <DataLists>
  <PaxList>
   <Pax>
    <PaxID>SH1</PaxID>
    <PTC>ADT</PTC>
   </Pax>
   <Pax>
    <PaxID>SH2</PaxID>
    <PTC>ADT</PTC>
   </Pax>
   <Pax>
    <PaxID>SH3</PaxID>
    <PTC>CHD</PTC>
   </Pax>
   <Pax>
    <PaxID>SH4</PaxID>
    <PTC>INF</PTC>
   </Pax>
  </PaxList>
  <PaxSegmentList>
   <PaxSegment>
    <Arrival>
     <IATALocationCode>BCN</IATALocationCode>
    </Arrival>
    <Dep>
     <AircraftScheduledDateTime>2018-12-
20T23:29:41.543+03:00</AircraftScheduledDateTime>
     <IATALocationCode>LHR</IATALocationCode>
    </Dep>
    <MarketingCarrierInfo>
     <CarrierDesigCode>C9</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
    </MarketingCarrierInfo>
    <PaxSegmentID>SEG_LHRBCN_1</PaxSegmentID>
   </PaxSegment>
   <PaxSegment>
    <Arrival>
     <IATALocationCode>LHR</IATALocationCode>
    </Arrival>
    <Dep>
     <AircraftScheduledDateTime>2018-12-
29T23:29:41.543+03:00</AircraftScheduledDateTime>
     <IATALocationCode>BCN</IATALocationCode>
    </Dep>
    <MarketingCarrierInfo>
     <CarrierDesigCode>C9</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
    </MarketingCarrierInfo>
```

```xml
        <PaxSegmentID>SEG_BCNLHR_1</PaxSegmentID>
      </PaxSegment>
    </PaxSegmentList>
    <ServiceDefinitionList>
     <ServiceDefinition>
      <Desc>
       <DescText>Stay connected using any Wi-Fi enabled device</DescText>
      </Desc>
      <Name>Inflight Wi-Fi</Name>
      <ServiceCode>CON</ServiceCode>
      <ServiceDefinitionID>SV_1009_EFO</ServiceDefinitionID>
     </ServiceDefinition>
     <ServiceDefinition>
      <Desc>
       <DescText>Escape the crowds and find a quiet space to work or
relax</DescText>
      </Desc>
      <Name>Lounge Pass</Name>
      <ServiceCode>GRN</ServiceCode>
      <ServiceDefinitionID>SV_1011_EFO</ServiceDefinitionID>
     </ServiceDefinition>

    </ServiceDefinitionList>
   </DataLists>
  </Response>
</IATA_ServiceListRS>
```

Overview

> **Note:**
>
> This message is under review for PADIS 19.2 and above.

Purpose

The OrderRules transaction set returns the filed details of a specific fare basis code or the rules around a specific Order.

Features

Message	Component	Features	18.2	Changes
Request	Core	Query rules using an itinerary and fare information	✔	-
		Query rules using an Order ID	✔	-
Response		Policy Information	✔	-
		Marketing Messages	✔	-
		Fare Rules	✔	-
Message	General	Multi language	✔	-

Message Samples

Sample Order Rules Requests

1. Requesting Rules for a Fare

None	Copy

```
<IATA_OrderRulesRQ>
 <Party>
  <Recipient>
   <ORA>
    <AirlineDesigCode>XB</AirlineDesigCode>
   </ORA>
  </Recipient>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00000123</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <CoreRequest>
   <FareRef>
    <AirlineDesigCode>XB</AirlineDesigCode>
    <Arrival>
     <AircraftScheduledDateTime>2018-12-
20T23:30:00.000</AircraftScheduledDateTime>
     <IATALocationCode>BCN</IATALocationCode>
    </Arrival>
    <Dep>
     <AircraftScheduledDateTime>2018-12-
20T21:30:00.000</AircraftScheduledDateTime>
     <IATALocationCode>LHR</IATALocationCode>
    </Dep>
    <FareBasisCode>Y</FareBasisCode>
   </FareRef>
  </CoreRequest>
 </Request>
</IATA_OrderRulesRQ>
```

2. Requesting Rules an Order

None	Copy

```
<IATA_OrderRulesRQ>
 <Party>
  <Recipient>
   <ORA>
    <AirlineDesigCode>XB</AirlineDesigCode>
   </ORA>
```

```
      </Recipient>
      <Sender>
       <TravelAgency>
        <AgencyID>00010000</AgencyID>
        <IATANumber>00000123</IATANumber>
        <Name>Sunny Travel</Name>
       </TravelAgency>
      </Sender>
     </Party>
     <Request>
      <CoreRequest>
       <OrderRef>
        <OrderID>OOR123-ABC</OrderID>
       </OrderRef>
      </CoreRequest>
     </Request>
    </IATA_OrderRulesRQ>
```

Sample Order Rules Responses

1. Airline returning Rules

None	Copy

```
<n1:IATA_OrderRulesRS>
 <n1:Response>
  <n1:Rules>
   <n1:AirlineDesigCode>XB</n1:AirlineDesigCode>
   <n1:Arrival>
    <n1:AircraftScheduledDateTime TimeZoneCode="token">2015-05-
14T09:30:47+05:00</n1:AircraftScheduledDateTime>
    <n1:IATALocationCode>DFW</n1:IATALocationCode>
   </n1:Arrival>
   <n1:Dep>
    <n1:AircraftScheduledDateTime TimeZoneCode="token">2018-05-
13T09:30:47+05:00</n1:AircraftScheduledDateTime>
    <n1:IATALocationCode>MIA</n1:IATALocationCode>
   </n1:Dep>
   <n1:FareBasisCode>SD14ERG1</n1:FareBasisCode>
   <n1:FareRule>
    <n1:FareRuleText>
     <n1:RemarkText>NO ELIGIBILITY REQUIREMENTS APPLY.</n1:RemarkText>
    </n1:FareRuleText>
    <n1:RuleCode>01</n1:RuleCode>
   </n1:FareRule>
   <n1:FareRule>
    <n1:FareRuleText>
     <n1:RemarkText>NO DAY/TIME TRAVEL RESTRICTIONS APPLY.</n1:RemarkText>
    </n1:FareRuleText>
    <n1:RuleCode>02</n1:RuleCode>
   </n1:FareRule>
   <n1:FareRule>
    <n1:FareRuleText>
     <n1:RemarkText>NO SEASONAL TRAVEL RESTRICTIONS APPLY.</n1:RemarkText>
```

```
      </n1:FareRuleText>
      <n1:RuleCode>03</n1:RuleCode>
    </n1:FareRule>

  </n1:Rules>
 </n1:Response>
</n1:IATA_OrderRulesRS>
```

Overview

Purpose

The OrderReshop transaction set passes new shopping requests from a Seller to an ORA to replace existing specified Order Items in an Order or for new shopping requests to add to an existing Order. The ORA responds with new Offers within the context of the existing Order. The response will include details of any additional collection or refund due against proposed changes (including a full cancellation).

Features

Message	Component	Features	18.2	Changes
Request	Core	Request a Reshop/price in the context of a Booking Reference	✔	-
		Request a Reshop/price in the context of an Order ID	✔	-
		Specify the Order Action Context	✔	-
		Reprice an Order	✔	-
		Reshop an Order	✔	-
		Update a Passenger Name	✔	-
		Update/Add/delete Order Items	✔	-
	Filtering	By Baggage Allowances	✔	-
		By Currency	✔	-
		By Inventory Guarantee	✔	-
		By Pricing	✔	-
Response		Advise of a change in fees	✔	-
		Advise applicable commission	✔	-
		Advise Marketing Messages	✔	-
		Advise Payment information	✔	-
		Return the repriced Offer	✔	-
		Return multiple reshopped Offers	✔	-
Message	General	Inventory Guarantee	✔	-
		Multi language	✔	-
		Multi-Currency	✔	-

Message Samples

Sample Order Reshop Requests

1. Request a reshop to add a segment to an existing Order

<table>
<tr><td>None</td><td>Copy</td></tr>
</table>

```
<IATA_OrderReshopRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Participant>
   <Aggregator>
    <AggregatorID>88888888</AggregatorID>
    <Name>Sunny Travel</Name>
   </Aggregator>
  </Participant>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <OrderRefID>XB000A1B2C3D4</OrderRefID>
  <ReshopParameters/>
  <UpdateOrder>
   <ReshopOrder>
    <ServiceOrder>
     <AddOfferItems>
      <FlightCriteria>
       <OriginDestCriteria>
        <DestArrivalCriteria>
         <IATALocationCode>MAD</IATALocationCode>
        </DestArrivalCriteria>
        <OriginDepCriteria>
         <Date>2018-12-30</Date>
         <IATALocationCode>LHR</IATALocationCode>
         <Time>2018-12-30T09:30:00Z</Time>
        </OriginDepCriteria>
       </OriginDestCriteria>
      </FlightCriteria><Paxs>
      <Pax>
       <PaxID>SH1</PaxID>
       <PTC>ADT</PTC>
      </Pax>
     </Paxs>
     </AddOfferItems>
    </ServiceOrder>
```

```
      </ReshopOrder>
    </UpdateOrder>
  </Request>
</IATA_OrderReshopRQ>
```

2. Change the flight in an existing Order

None	Copy

```
<IATA_OrderReshopRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Participant>
    <Aggregator>
     <AggregatorID>88888888</AggregatorID>
     <Name>Sunny Travel</Name>
    </Aggregator>
   </Participant>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <OrderRefID>OOR123-ABC</OrderRefID>
  <ReshopParameters/>
  <UpdateOrder>
   <ReshopOrder>
    <ServiceOrder>
     <AddOfferItems>
      <FlightCriteria>
       <OriginDestCriteria>
        <DestArrivalCriteria>
         <IATALocationCode>BCN</IATALocationCode>
        </DestArrivalCriteria>
        <OriginDepCriteria>
         <Date>2018-12-21</Date>
         <IATALocationCode>LHR</IATALocationCode>
         <Time>2018-12-21T09:30:00</Time>
        </OriginDepCriteria>
       </OriginDestCriteria>
      </FlightCriteria>
      <Paxs>
       <Pax>
        <PaxID>SH1</PaxID>
       </Pax>
      </Paxs>
     </AddOfferItems>
     <DeleteOrderItem>
      <OrderItemRefID>OOR123-ABC-1</OrderItemRefID>
```

```
      </DeleteOrderItem>
     </ServiceOrder>
    </ReshopOrder>
   </UpdateOrder>
  </Request>
</IATA_OrderReshopRQ>
```

3. Remove an item from an exiting Order

None	Copy

```
<IATA_OrderReshopRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Participant>
    <Aggregator>
     <AggregatorID>88888888</AggregatorID>
     <Name>Sunny Travel</Name>
    </Aggregator>
   </Participant>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>JR TECHNOLOGIES</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <OrderRefID>OOR123-ABC</OrderRefID>
  <ReshopParameters/>
  <UpdateOrder>
   <ReshopOrder>
    <ServiceOrder>
     <DeleteOrderItem>
      <OrderItemRefID>OOR123-ABC-1</OrderItemRefID>
      <RetainServiceID>FL1_SH1_FL_LHRBCN</RetainServiceID>
      <RetainServiceID>FL1_SH2_FL_LHRBCN</RetainServiceID>
      <RetainServiceID>FL1_SH2_FL_BCNLHR</RetainServiceID>
     </DeleteOrderItem>
    </ServiceOrder>
   </ReshopOrder>
  </UpdateOrder>
 </Request>
</IATA_OrderReshopRQ>
```

Sample Order Reshop Responses

1. Reshop respone after adding a segment to an existing Order

```xml
<IATA_OrderReshopRS>
 <Response>
  <DataLists>
  <OriginDestList>
   <OriginDest>
    <DestCode>MAD</DestCode>
    <OriginCode>LHR</OriginCode>
    <OriginDestID>LHRMAD</OriginDestID>
    <PaxJourneyRefID>FL_LHRMAD</PaxJourneyRefID>
   </OriginDest>
  </OriginDestList>
  <PaxJourneyList>
   <PaxJourney>
    <PaxJourneyID>FL_LHRMAD</PaxJourneyID>
    <PaxSegmentRefID>SEG_LHRMAD</PaxSegmentRefID>
   </PaxJourney>
  </PaxJourneyList>
  <PaxList>
   <Pax>
    <PaxID>SH1</PaxID>
    <PTC>ADT</PTC>
   </Pax>
  </PaxList>
  <PaxSegmentList>
   <PaxSegment>
    <Arrival>
     <IATALocationCode>MAD</IATALocationCode>
    </Arrival>
    <Dep>
     <AircraftScheduledDateTime>2018-12-
30T09:30:00.000+03:00</AircraftScheduledDateTime>
     <IATALocationCode>LHR</IATALocationCode>
    </Dep>
    <MarketingCarrierInfo>
     <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
    </MarketingCarrierInfo>
    <PaxSegmentID>SEG_LHRMAD</PaxSegmentID>
   </PaxSegment>
  </PaxSegmentList>
  </DataLists>
 <ReshopResults>
  <ReshopOffers>
   <Offer>
    <AddOfferItem>
     <DifferentialAmountDue>
      <Amount>170.58</Amount>
     </DifferentialAmountDue>
     <OfferItemID>OfferItem18</OfferItemID>
     <Price>
      <BaseAmount CurCode="EUR">8.00</BaseAmount>
      <TaxSummary>
       <TotalTaxAmount CurCode="EUR">2.00</TotalTaxAmount>
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```
        </TaxSummary>
        <TotalAmount CurCode="EUR">10.00</TotalAmount>
       </Price>
       <Service>
        <PaxRefID>SH1</PaxRefID>
        <ServiceAssociations>
         <PaxJourneyRefID>FL_LHRMAD</PaxJourneyRefID>
        </ServiceAssociations>
        <ServiceID>FL18_SH1_FL_LHRMAD</ServiceID>
       </Service>
      </AddOfferItem>
      <OfferID>OFFER1</OfferID>
      <OwnerCode>XB</OwnerCode>
     </Offer>
    </ReshopOffers>
   </ReshopResults>
   <ShoppingResponse>
    <ShoppingResponseID>118-6o4550f0943534b423543680gfdgd</ShoppingResponseID>
   </ShoppingResponse>
  </Response>
</IATA_OrderReshopRS>
```

2. Changing a Flight in an existing Order

None	Copy

```
<IATA_OrderReshopRS>
 <Response>
  <DataLists>
   <PaxJourneyList>
    <PaxJourney>
     <PaxJourneyID>FL_LHRBCN</PaxJourneyID>
     <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
    </PaxJourney>
    <PaxJourney>
     <PaxJourneyID>FL_BCNLHR</PaxJourneyID>
     <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
    </PaxJourney>
    <PaxJourney>
     <PaxJourneyID>FL_LHRBCN_new</PaxJourneyID>
     <PaxSegmentRefID>SEG_LHRBCN_new</PaxSegmentRefID>
    </PaxJourney>
   </PaxJourneyList>
   <PaxList>
    <Pax>
     <PaxID>SH1</PaxID>
     <PTC>ADT</PTC>
    </Pax>
    <Pax>
     <PaxID>SH2</PaxID>
     <PTC>ADT</PTC>
    </Pax>
    <Pax>
     <PaxID>SH3</PaxID>
     <PTC>CHD</PTC>
    </Pax>
```

```xml
    <Pax>
     <PaxID>SH4</PaxID>
     <PTC>INF</PTC>
    </Pax>
   </PaxList>
   <PaxSegmentList>
    <PaxSegment>
     <Arrival>
      <IATALocationCode>BCN</IATALocationCode>
     </Arrival>
     <Dep>
      <AircraftScheduledDateTime>2018-12-
20T23:29:41.543+03:00</AircraftScheduledDateTime>
      <IATALocationCode>LHR</IATALocationCode>
     </Dep>
     <MarketingCarrierInfo>
      <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
     </MarketingCarrierInfo>
     <PaxSegmentID>SEG_LHRBCN_1</PaxSegmentID>
    </PaxSegment>
    <PaxSegment>
     <Arrival>
      <IATALocationCode>LHR</IATALocationCode>
     </Arrival>
     <Dep>
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29T23:29:41.543+03:00</AircraftScheduledDateTime>
      <IATALocationCode>BCN</IATALocationCode>
     </Dep>
     <MarketingCarrierInfo>
      <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
     </MarketingCarrierInfo>
     <PaxSegmentID>SEG_BCNLHR_1</PaxSegmentID>
    </PaxSegment>
    <PaxSegment>
     <Arrival>
      <IATALocationCode>BCN</IATALocationCode>
     </Arrival>
     <Dep>
      <AircraftScheduledDateTime>2018-12-
21T09:30:00.000+03:00</AircraftScheduledDateTime>
      <IATALocationCode>LHR</IATALocationCode>
     </Dep>
     <MarketingCarrierInfo>
      <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
     </MarketingCarrierInfo>
     <PaxSegmentID>SEG_LHRBCN_new</PaxSegmentID>
    </PaxSegment>
   </PaxSegmentList>
   </DataLists>
```

```xml
<ReshopResults>
 <ReshopOffers>
  <Offer>
   <AddOfferItem>
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     <Amount>20</Amount>
    </DifferentialAmountDue>
    <OfferItemID>OfferItem17</OfferItemID>
    <Price>
     <BaseAmount CurCode="EUR">8.00</BaseAmount>
     <TaxSummary>
      <TotalTaxAmount CurCode="EUR">2.00</TotalTaxAmount>
     </TaxSummary>
     <TotalAmount CurCode="EUR">10.00</TotalAmount>
    </Price>
    <Service>
     <PaxRefID>SH1</PaxRefID>
     <ServiceAssociations>
      <PaxJourneyRefID>FL_LHRBCN_new</PaxJourneyRefID>
     </ServiceAssociations>
     <ServiceID>FL17_SH1_FL_LHRBCN</ServiceID>
    </Service>
    <Service>
     <PaxRefID>SH1</PaxRefID>
     <ServiceAssociations>
      <PaxJourneyRefID>FL_BCNLHR</PaxJourneyRefID>
     </ServiceAssociations>
     <ServiceID>FL17_SH1_FL_BCNLHR</ServiceID>
    </Service>
    <Service>
     <PaxRefID>SH2</PaxRefID>
     <ServiceAssociations>
      <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
     </ServiceAssociations>
     <ServiceID>FL17_SH2_FL_LHRBCN</ServiceID>
    </Service>
    <Service>
     <PaxRefID>SH2</PaxRefID>
     <ServiceAssociations>
      <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
     </ServiceAssociations>
     <ServiceID>FL17_SH2_FL_BCNLHR</ServiceID>
    </Service>
   </AddOfferItem>
   <DeleteOrderItem>
    <DifferentialAmountDue>
     <Amount>10.00</Amount>
    </DifferentialAmountDue>
    <OrderItemRefID>OOR123-ABC-1</OrderItemRefID>
   </DeleteOrderItem>
   <OfferID>OFFER1</OfferID>
   <OwnerCode>XB</OwnerCode>
  </Offer>
 </ReshopOffers>
</ReshopResults>
<ShoppingResponse>
```

```xml
      <ShoppingResponseID>117-25554regfd487156gerwtyhrt654</ShoppingResponseID>
   </ShoppingResponse>
</Response>
</IATA_OrderReshopRS>
```

3. Remove a Flight from an existing Order

None	Copy

```xml
<?xml version="1.0" encoding="UTF-8"?>
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 <Response>
  <DataLists>
   <OriginDestList>
    <OriginDest>
     <DestCode>BCN</DestCode>
     <OriginCode>LHR</OriginCode>
     <OriginDestID>LHRBCN</OriginDestID>
     <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
    </OriginDest>
    <OriginDest>
     <DestCode>LHR</DestCode>
     <OriginCode>BCN</OriginCode>
     <OriginDestID>BCNLHR</OriginDestID>
     <PaxJourneyRefID>FL_BCNLHR</PaxJourneyRefID>
    </OriginDest>
   </OriginDestList>
   <PaxJourneyList>
    <PaxJourney>
     <PaxJourneyID>FL_LHRBCN</PaxJourneyID>
     <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
    </PaxJourney>
    <PaxJourney>
     <PaxJourneyID>FL_BCNLHR</PaxJourneyID>
     <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
    </PaxJourney>
   </PaxJourneyList>
   <PaxList>
    <Pax>
     <PaxID>SH1</PaxID>
     <PTC>ADT</PTC>
    </Pax>
    <Pax>
     <PaxID>SH2</PaxID>
     <PTC>ADT</PTC>
    </Pax>
    <Pax>
     <PaxID>SH3</PaxID>
     <PTC>CHD</PTC>
    </Pax>
    <Pax>
     <PaxID>SH4</PaxID>
     <PTC>INF</PTC>
    </Pax>
   </PaxList>
   <PaxSegmentList>
```

```xml
      <PaxSegment>
       <Arrival>
        <IATALocationCode>BCN</IATALocationCode>
       </Arrival>
       <Dep>
        <AircraftScheduledDateTime>2018-12-
20T23:29:41.543+03:00</AircraftScheduledDateTime>
        <IATALocationCode>LHR</IATALocationCode>
       </Dep>
       <MarketingCarrierInfo>
        <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
       </MarketingCarrierInfo>
       <PaxSegmentID>SEG_LHRBCN_1</PaxSegmentID>
      </PaxSegment>
      <PaxSegment>
       <Arrival>
        <IATALocationCode>LHR</IATALocationCode>
       </Arrival>
       <Dep>
        <AircraftScheduledDateTime>2018-12-
29T23:29:41.543+03:00</AircraftScheduledDateTime>
        <IATALocationCode>BCN</IATALocationCode>
       </Dep>
       <MarketingCarrierInfo>
        <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
       </MarketingCarrierInfo>
       <PaxSegmentID>SEG_BCNLHR_1</PaxSegmentID>
      </PaxSegment>
     </PaxSegmentList>
    </DataLists>
    <ReshopResults>
     <ReshopOffers>
      <Offer>
       <AddOfferItem>
        <DifferentialAmountDue>
         <Amount>10.00</Amount>
        </DifferentialAmountDue>
        <OfferItemID>OFFERITEM1_1_NEW</OfferItemID>
        <Price>
         <BaseAmount CurCode="EUR">8.00</BaseAmount>
         <TaxSummary>
          <TotalTaxAmount CurCode="EUR">2.00</TotalTaxAmount>
         </TaxSummary>
         <TotalAmount CurCode="EUR">10.00</TotalAmount>
        </Price>
        <Service>
         <PaxRefID>SH1</PaxRefID>
         <ServiceAssociations>
          <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
         </ServiceAssociations>
         <ServiceID>FL_SH1_LHRBCN</ServiceID>
        </Service>
```

```xml
        <Service>
         <PaxRefID>SH2</PaxRefID>
         <ServiceAssociations>
          <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
         </ServiceAssociations>
         <ServiceID>FL_SH2_LHRBCN</ServiceID>
        </Service>
        <Service>
         <PaxRefID>SH2</PaxRefID>
         <ServiceAssociations>
          <PaxJourneyRefID>FL_BCNLHR</PaxJourneyRefID>
         </ServiceAssociations>
         <ServiceID>FL_SH2_BCNLHR</ServiceID>
        </Service>
       </AddOfferItem>
       <DeleteOrderItem>
        <DifferentialAmountDue>
         <Amount>130</Amount>
        </DifferentialAmountDue>
        <OrderItemRefID>OOR123-ABC-1</OrderItemRefID>
       </DeleteOrderItem>
       <OfferID>OFFER1</OfferID>
       <OwnerCode>XB</OwnerCode>
      </Offer>
     </ReshopOffers>
    </ReshopResults>
    <ShoppingResponse>
     <ShoppingResponseID>109-retr43543653ergfdr6654tgfd6234</ShoppingResponseID>
    </ShoppingResponse>
   </Response>
</IATA_OrderReshopRS>
```

Overview

Purpose

OrderCreate is an outbound message from Seller/Aggregator to Airline (and ORA to POA if applicable) that contains the details of a selected Offer and is used to request the creation of an Order by the ORA (or POA). Within OrderCreate, full passenger information will be sent. Payment information may or may not be included within the request from Seller/Aggregator to ORA.

OrderView returns up to date contents of an Order such as pricing information, conditions, time limits, Order status and passenger information. When payment has been processed at the time of Order Creation it also includes the status of this and, where they have already been issued, at least accountable document references (and further accountable document data if required).

Features

Message	Component	Feature	18.2	Changes
Request	Core	Supports creating an Order in the context of an Order ID	✔	-
		Supports Commission for a Seller	✔	-
		Creating order from Offer Item IDs	✔	-
			✔	-
	Payment	Single FOP	✔	-
		Multiple FOP	✔	-
		Payment Per Passenger	✔	-
		Payment per Offer	✔	-
		Payment by Document	✔	-
		Payment by Bank Transfer	✔	-
		Payment by Cash	✔	-
		Payment by BSP Cash	✔	-
		Payment by Cheque	✔	-
		Payment by Direct Bill	✔	-
		Payment by Loyalty Redemption	✔	-
		Payment by Card	✔	-
		Payment using 3D Secure	✔	-
		Payment by Voucher	✔	-
		Payment by Other	✔	-
Response		See OrderView RS	✔	-

Message Samples

Sample Order Create Requests

1. Simple Order Create with no Payment Information

None	Copy

```
<IATA_OrderCreateRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <CreateOrder>
   <SelectedOffer>
    <OfferRefID>ALaCarteOfferID_1</OfferRefID>
    <OwnerCode>XB</OwnerCode>
    <SelectedOfferItem>
     <OfferItemRefID>OfferItemID1</OfferItemRefID>
     <PaxRefID>SH1</PaxRefID>
     <SelectedALaCarteOfferItem>
      <FlightAssociations>
       <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
      </FlightAssociations>
      <Qty>1</Qty>
     </SelectedALaCarteOfferItem>
    </SelectedOfferItem>
    <SelectedOfferItem>
     <OfferItemRefID>OfferItemID3</OfferItemRefID>
     <PaxRefID>SH1</PaxRefID>
     <SelectedALaCarteOfferItem>
      <FlightAssociations>
       <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
      </FlightAssociations>
      <Qty>1</Qty>
     </SelectedALaCarteOfferItem>
    </SelectedOfferItem>
    <SelectedOfferItem>
     <OfferItemRefID>OfferItemID5</OfferItemRefID>
     <PaxRefID>SH1</PaxRefID>
     <PaxRefID>SH2</PaxRefID>
     <SelectedALaCarteOfferItem>
      <FlightAssociations>
       <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
```

```xml
          </FlightAssociations>
          <Qty>1</Qty>
        </SelectedALaCarteOfferItem>
       </SelectedOfferItem>
       <ShoppingResponseRefID>127-
6b0494d98fb8410781e0406d519be725</ShoppingResponseRefID>
       <TotalOfferPriceAmount>2.00</TotalOfferPriceAmount>
      </SelectedOffer>
      <SelectedOffer>
       <OfferRefID>OFFER1</OfferRefID>
       <OwnerCode>XB</OwnerCode>
       <SelectedOfferItem>
        <OfferItemRefID>OFFERITEM1_1</OfferItemRefID>
        <PaxRefID>SH1</PaxRefID>
        <PaxRefID>SH2</PaxRefID>
       </SelectedOfferItem>
       <SelectedOfferItem>
        <OfferItemRefID>OFFERITEM1_2</OfferItemRefID>
        <PaxRefID>SH3</PaxRefID>
       </SelectedOfferItem>
       <SelectedOfferItem>
        <OfferItemRefID>OFFERITEM1_3</OfferItemRefID>
        <PaxRefID>SH4</PaxRefID>
       </SelectedOfferItem>
       <ShoppingResponseRefID>213-
6b0494d98fb8410781e0406d519be725</ShoppingResponseRefID>
       <TotalOfferPriceAmount>8.00</TotalOfferPriceAmount>
      </SelectedOffer>
     </CreateOrder>
     <DataLists>
      <PaxJourneyList>
       <PaxJourney>
        <PaxJourneyID>FL_LHRBCN</PaxJourneyID>
        <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
       </PaxJourney>
       <PaxJourney>
        <PaxJourneyID>FL_BCNLHR</PaxJourneyID>
        <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
       </PaxJourney>
      </PaxJourneyList>
      <PaxList>
       <Pax>
        <Individual>
         <GivenName>Johnny-Tom</GivenName>
         <IndividualID>SH1_1</IndividualID>
         <Surname>Depp</Surname>
        </Individual>
        <PaxID>SH1</PaxID>
        <PTC>ADT</PTC>
       </Pax>
       <Pax>
        <Individual>
         <GivenName>George</GivenName>
         <IndividualID>SH2_1</IndividualID>
         <Surname>Depp</Surname>
        </Individual>
```

```xml
        <PaxID>SH2</PaxID>
        <PTC>ADT</PTC>
      </Pax>
      <Pax>
       <Individual>
        <GivenName>Helen</GivenName>
        <IndividualID>SH3_1</IndividualID>
        <Surname>Depp</Surname>
       </Individual>
       <PaxID>SH3</PaxID>
       <PTC>CHD</PTC>
      </Pax>
      <Pax>
       <PaxID>SH4</PaxID>
       <PTC>INF</PTC>
      </Pax>
    </PaxList>
    <PaxSegmentList>
     <PaxSegment>
      <Arrival>
       <IATALocationCode>BCN</IATALocationCode>
      </Arrival>
      <Dep>
       <AircraftScheduledDateTime>2018-12-
20T23:29:41.543+03:00</AircraftScheduledDateTime>
        <IATALocationCode>LHR</IATALocationCode>
      </Dep>
      <MarketingCarrierInfo>
       <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
      </MarketingCarrierInfo>
      <PaxSegmentID>SEG_LHRBCN_1</PaxSegmentID>
     </PaxSegment>
     <PaxSegment>
      <Arrival>
       <IATALocationCode>LHR</IATALocationCode>
      </Arrival>
      <Dep>
       <AircraftScheduledDateTime>2018-12-
29T23:29:41.543+03:00</AircraftScheduledDateTime>
        <IATALocationCode>BCN</IATALocationCode>
      </Dep>
      <MarketingCarrierInfo>
       <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
      </MarketingCarrierInfo>
      <PaxSegmentID>SEG_BCNLHR_1</PaxSegmentID>
     </PaxSegment>
    </PaxSegmentList>
   </DataLists>
  </Request>
</IATA_OrderCreateRQ>
```

2. Order Create with Card Form of Payment

None   Copy

```xml
<IATA_OrderCreateRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <CreateOrder>
   <SelectedOffer>
    <OfferRefID>ALaCarteOfferID_1</OfferRefID>
    <OwnerCode>XB</OwnerCode>
    <SelectedOfferItem>
     <OfferItemRefID>OfferItemID1</OfferItemRefID>
     <PaxRefID>SH1</PaxRefID>
     <SelectedALaCarteOfferItem>
      <FlightAssociations>
       <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
      </FlightAssociations>
      <Qty>1</Qty>
     </SelectedALaCarteOfferItem>
    </SelectedOfferItem>
    <SelectedOfferItem>
     <OfferItemRefID>OfferItemID3</OfferItemRefID>
     <PaxRefID>SH1</PaxRefID>
     <SelectedALaCarteOfferItem>
      <FlightAssociations>
       <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
      </FlightAssociations>
      <Qty>1</Qty>
     </SelectedALaCarteOfferItem>
    </SelectedOfferItem>
    <SelectedOfferItem>
     <OfferItemRefID>OfferItemID5</OfferItemRefID>
     <PaxRefID>SH1</PaxRefID>
     <PaxRefID>SH2</PaxRefID>
     <SelectedALaCarteOfferItem>
      <FlightAssociations>
       <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
      </FlightAssociations>
      <Qty>1</Qty>
     </SelectedALaCarteOfferItem>
    </SelectedOfferItem>
    <ShoppingResponseRefID>127-
6b0494d98fb8410781e0406d519be725</ShoppingResponseRefID>
```

```xml
      <TotalOfferPriceAmount>2.00</TotalOfferPriceAmount>
     </SelectedOffer>
     <SelectedOffer>
      <OfferRefID>OFFER1</OfferRefID>
      <OwnerCode>XB</OwnerCode>
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       <PaxRefID>SH1</PaxRefID>
       <PaxRefID>SH2</PaxRefID>
      </SelectedOfferItem>
      <SelectedOfferItem>
       <OfferItemRefID>OFFERITEM1_2</OfferItemRefID>
       <PaxRefID>SH3</PaxRefID>
      </SelectedOfferItem>
      <SelectedOfferItem>
       <OfferItemRefID>OFFERITEM1_3</OfferItemRefID>
       <PaxRefID>SH4</PaxRefID>
      </SelectedOfferItem>
      <ShoppingResponseRefID>213-
6b0494d98fb8410781e0406d519be725</ShoppingResponseRefID>
      <TotalOfferPriceAmount>8.00</TotalOfferPriceAmount>
     </SelectedOffer>
    </CreateOrder>
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     <PaxJourneyList>
      <PaxJourney>
       <PaxJourneyID>FL_LHRBCN</PaxJourneyID>
       <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
      </PaxJourney>
      <PaxJourney>
       <PaxJourneyID>FL_BCNLHR</PaxJourneyID>
       <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
      </PaxJourney>
     </PaxJourneyList>
     <PaxList>
      <Pax>
       <Individual>
        <GivenName>Johnny-Tom</GivenName>
        <IndividualID>SH1_1</IndividualID>
        <Surname>Depp</Surname>
       </Individual>
       <PaxID>SH1</PaxID>
       <PTC>ADT</PTC>
      </Pax>
      <Pax>
       <Individual>
        <GivenName>George</GivenName>
        <IndividualID>SH2_1</IndividualID>
        <Surname>Depp</Surname>
       </Individual>
       <PaxID>SH2</PaxID>
       <PTC>ADT</PTC>
      </Pax>
      <Pax>
       <Individual>
        <GivenName>Helen</GivenName>
```

```xml
        <IndividualID>SH3_1</IndividualID>
        <Surname>Depp</Surname>
      </Individual>
      <PaxID>SH3</PaxID>
      <PTC>CHD</PTC>
     </Pax>
     <Pax>
      <PaxID>SH4</PaxID>
      <PTC>INF</PTC>
     </Pax>
    </PaxList>
    <PaxSegmentList>
     <PaxSegment>
      <Arrival>
       <IATALocationCode>BCN</IATALocationCode>
      </Arrival>
      <Dep>
       <AircraftScheduledDateTime>2018-12-
20T23:29:41.543+03:00</AircraftScheduledDateTime>
       <IATALocationCode>LHR</IATALocationCode>
      </Dep>
      <MarketingCarrierInfo>
       <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
      </MarketingCarrierInfo>
      <PaxSegmentID>SEG_LHRBCN_1</PaxSegmentID>
     </PaxSegment>
     <PaxSegment>
      <Arrival>
       <IATALocationCode>LHR</IATALocationCode>
      </Arrival>
      <Dep>
       <AircraftScheduledDateTime>2018-12-
29T23:29:41.543+03:00</AircraftScheduledDateTime>
       <IATALocationCode>BCN</IATALocationCode>
      </Dep>
      <MarketingCarrierInfo>
       <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
      </MarketingCarrierInfo>
      <PaxSegmentID>SEG_BCNLHR_1</PaxSegmentID>
     </PaxSegment>
    </PaxSegmentList>
   </DataLists>
   <PaymentInfo>
   <Amount>1023.32</Amount>
   <PaymentInfoID>123</PaymentInfoID>
   <PaymentMethod>
    <PaymentCard>
     <CardHolderName>Tina Test</CardHolderName>
     <CardNumber>4111111111111111</CardNumber>
     <CardTypeText>CREDIT</CardTypeText>
     <ExpirationDate>1218</ExpirationDate>
    </PaymentCard>
```

```
      </PaymentMethod>
      <TypeCode>CC</TypeCode>
    </PaymentInfo>
  </Request>
</IATA_OrderCreateRQ>
```

3. Creating an Order with 2 Forms of Payment

None	Copy

```
<IATA_OrderCreateRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <CreateOrder>
   <SelectedOffer>
    <OfferRefID>ALaCarteOfferID_1</OfferRefID>
    <OwnerCode>C9</OwnerCode>
    <SelectedOfferItem>
     <OfferItemRefID>OfferItemID1</OfferItemRefID>
     <PaxRefID>SH1</PaxRefID>
     <SelectedALaCarteOfferItem>
      <FlightAssociations>
       <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
      </FlightAssociations>
      <Qty>1</Qty>
     </SelectedALaCarteOfferItem>
    </SelectedOfferItem>
    <SelectedOfferItem>
     <OfferItemRefID>OfferItemID3</OfferItemRefID>
     <PaxRefID>SH1</PaxRefID>
     <SelectedALaCarteOfferItem>
      <FlightAssociations>
       <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
      </FlightAssociations>
      <Qty>1</Qty>
     </SelectedALaCarteOfferItem>
    </SelectedOfferItem>
    <SelectedOfferItem>
     <OfferItemRefID>OfferItemID5</OfferItemRefID>
     <PaxRefID>SH1</PaxRefID>
     <PaxRefID>SH2</PaxRefID>
     <SelectedALaCarteOfferItem>
      <FlightAssociations>
       <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
```

```xml
        </FlightAssociations>
        <Qty>1</Qty>
       </SelectedALaCarteOfferItem>
      </SelectedOfferItem>
      <ShoppingResponseRefID>127-
6b0494d98fb8410781e0406d519be725</ShoppingResponseRefID>
      <TotalOfferPriceAmount>2.00</TotalOfferPriceAmount>
     </SelectedOffer>
     <SelectedOffer>
      <OfferRefID>OFFER1</OfferRefID>
      <OwnerCode>C9</OwnerCode>
      <SelectedOfferItem>
       <OfferItemRefID>OFFERITEM1_1</OfferItemRefID>
       <PaxRefID>SH1</PaxRefID>
       <PaxRefID>SH2</PaxRefID>
      </SelectedOfferItem>
      <SelectedOfferItem>
       <OfferItemRefID>OFFERITEM1_2</OfferItemRefID>
       <PaxRefID>SH3</PaxRefID>
      </SelectedOfferItem>
      <SelectedOfferItem>
       <OfferItemRefID>OFFERITEM1_3</OfferItemRefID>
       <PaxRefID>SH4</PaxRefID>
      </SelectedOfferItem>
      <ShoppingResponseRefID>213-
6b0494d98fb8410781e0406d519be725</ShoppingResponseRefID>
      <TotalOfferPriceAmount>8.00</TotalOfferPriceAmount>
     </SelectedOffer>
    </CreateOrder>
    <DataLists>
     <PaxJourneyList>
      <PaxJourney>
       <PaxJourneyID>FL_LHRBCN</PaxJourneyID>
       <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
      </PaxJourney>
      <PaxJourney>
       <PaxJourneyID>FL_BCNLHR</PaxJourneyID>
       <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
      </PaxJourney>
     </PaxJourneyList>
     <PaxList>
      <Pax>
       <Individual>
        <GivenName>Johnny-Tom</GivenName>
        <IndividualID>SH1_1</IndividualID>
        <Surname>Depp</Surname>
       </Individual>
       <PaxID>SH1</PaxID>
       <PTC>ADT</PTC>
      </Pax>
      <Pax>
       <Individual>
        <GivenName>George</GivenName>
        <IndividualID>SH2_1</IndividualID>
        <Surname>Depp</Surname>
       </Individual>
```

```xml
      <PaxID>SH2</PaxID>
      <PTC>ADT</PTC>
     </Pax>
     <Pax>
      <Individual>
       <GivenName>Helen</GivenName>
       <IndividualID>SH3_1</IndividualID>
       <Surname>Depp</Surname>
      </Individual>
      <PaxID>SH3</PaxID>
      <PTC>CHD</PTC>
     </Pax>
     <Pax>
      <PaxID>SH4</PaxID>
      <PTC>INF</PTC>
     </Pax>
    </PaxList>
    <PaxSegmentList>
     <PaxSegment>
      <Arrival>
       <IATALocationCode>BCN</IATALocationCode>
      </Arrival>
      <Dep>
       <AircraftScheduledDateTime>2018-12-
20T23:29:41.543+03:00</AircraftScheduledDateTime>
       <IATALocationCode>LHR</IATALocationCode>
      </Dep>
      <MarketingCarrierInfo>
       <CarrierDesigCode>C9</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
      </MarketingCarrierInfo>
      <PaxSegmentID>SEG_LHRBCN_1</PaxSegmentID>
     </PaxSegment>
     <PaxSegment>
      <Arrival>
       <IATALocationCode>LHR</IATALocationCode>
      </Arrival>
      <Dep>
       <AircraftScheduledDateTime>2018-12-
29T23:29:41.543+03:00</AircraftScheduledDateTime>
       <IATALocationCode>BCN</IATALocationCode>
      </Dep>
      <MarketingCarrierInfo>
       <CarrierDesigCode>C9</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
      </MarketingCarrierInfo>
      <PaxSegmentID>SEG_BCNLHR_1</PaxSegmentID>
     </PaxSegment>
    </PaxSegmentList>
   </DataLists>
   <PaymentInfo>
    <Amount>4.00</Amount>
    <PaymentInfoID>123</PaymentInfoID>
    <PaymentMethod>
```

```xml
      <Cash>
       <ReceiptID>121717H47S</ReceiptID>
      </Cash>
     </PaymentMethod>
     <TypeCode>Cash</TypeCode>
   </PaymentInfo>
    <PaymentInfo>
     <Amount>4.00</Amount>
     <PaymentInfoID>1234</PaymentInfoID>
     <PaymentMethod>
      <PaymentCard>
       <CardHolderName>Tina Test</CardHolderName>
       <CardNumber>4111111111111111</CardNumber>
       <CardTypeText>CREDIT</CardTypeText>
       <ExpirationDate>1218</ExpirationDate>
      </PaymentCard>
     </PaymentMethod>
     <TypeCode>CC</TypeCode>
   </PaymentInfo>
  </Request>
 </IATA_OrderCreateRQ>
```

Sample Order Create Responses

OrderViewRS

OrderViewRS is the response to OrderCreateRQ. Please see Order View for more information.

Overview

Purpose

The OrderChange transaction requests modifications to an Order by specifying which Order Items to change and which Offer Items to replace them with. When the ORA has applied the change, the updated view of the Order is returned.

Features

Message	Component	Features	18.2	Changes
Request	Core	Request change in the context of a Booking Reference	✔	-
		Request change in the context of an Order ID	✔	-
		Change Order Items	✔	-
		Advise the Acceptance of a Repriced Order	✔	-
		Change Passengers	✔	-
		Change to Passenger Groups	✔	-
		Advise of the preferred Form of Payment to refund to	✔	-
Response	See OrderView			

Message Samples

Sample Order Change Requests

1. Adding payment to an existing Order

None	Copy

```
<IATA_OrderChangeRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Participant>
   <Aggregator>
    <AggregatorID>88888888</AggregatorID>
    <Name>Sunny Travel</Name>
   </Aggregator>
  </Participant>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <DataLists>
   <PaxList>
    <Pax>
     <Individual>
      <GivenName>John</GivenName>
      <IndividualID>SH1_1</IndividualID>
      <Surname>Jones</Surname>
     </Individual>
     <PaxID>SH1</PaxID>
    </Pax>
   </PaxList>
  </DataLists>
  <Order>
   <OrderID>OOR123-ABC</OrderID>
   <OwnerCode>C9</OwnerCode>
  </Order>
  <PaymentInfo>
   <Amount>10.002</Amount>
   <PaymentInfoID>123</PaymentInfoID>
   <PaymentMethod>
    <PaymentCard>
     <CardHolderName>Tina Test</CardHolderName>
     <CardNumber>4111111111111111</CardNumber>
     <CardTypeText>CREDIT</CardTypeText>
     <ExpirationDate>1218</ExpirationDate>
```

```
        </PaymentCard>
      </PaymentMethod>
      <TypeCode>CC</TypeCode>
    </PaymentInfo>
  </Request>
</IATA_OrderChangeRQ>
```

2. Adding a segment to an existing Order

None   Copy

```
<IATA_OrderChangeRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Participant>
    <Aggregator>
     <AggregatorID>88888888</AggregatorID>
     <Name>Sunny Travel</Name>
    </Aggregator>
   </Participant>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <ChangeOrder>
   <UpdateOrderItem>
    <AcceptOffer>
     <SelectedOffer>
      <OfferRefID>OFFER1</OfferRefID>
      <OwnerCode>C9</OwnerCode>
      <SelectedOfferItem>
       <OfferItemRefID>OfferItem18</OfferItemRefID>
       <PaxRefID>SH1</PaxRefID>
      </SelectedOfferItem>
     </SelectedOffer>
    </AcceptOffer>
   </UpdateOrderItem>
  </ChangeOrder>
  <DataLists>
   <PaxList>
    <Pax>
     <PaxID>SH1</PaxID>
     <PTC>ADT</PTC>
    </Pax>
   </PaxList>
  </DataLists>
  <Order>
   <OrderID>XB000A1B2C3D4</OrderID>
```

```
      <OwnerCode>XB</OwnerCode>
    </Order>
  </Request>
</IATA_OrderChangeRQ>
```

3. Change flight time in an existing Order

None	Copy

```
<IATA_OrderChangeRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Participant>
    <Aggregator>
     <AggregatorID>88888888</AggregatorID>
     <Name>Sunny Travel</Name>
    </Aggregator>
   </Participant>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <ChangeOrder>
   <UpdateOrderItem>
    <AcceptOffer>
     <SelectedOffer>
      <OfferRefID>OFFER1</OfferRefID>
      <OwnerCode>C9</OwnerCode>
      <SelectedOfferItem>
       <OfferItemRefID>OfferItem17</OfferItemRefID>
       <PaxRefID>SH1</PaxRefID>
       <PaxRefID>SH2</PaxRefID>
      </SelectedOfferItem>
     </SelectedOffer>
    </AcceptOffer>
    <DeleteOrderItem>
     <OrderItemRefID>XB000A1B2C3D4</OrderItemRefID>
    </DeleteOrderItem>
   </UpdateOrderItem>
  </ChangeOrder>
  <DataLists>
   <PaxList>
    <Pax>
    <PaxID>SH1</PaxID>
    <PTC>ADT</PTC>
    </Pax>
    <Pax>
     <PaxID>SH2</PaxID>
```

```
      <PTC>ADT</PTC>
     </Pax>
     <Pax>
      <PaxID>SH3</PaxID>
      <PTC>CHD</PTC>
     </Pax>
     <Pax>
      <PaxID>SH4</PaxID>
      <PTC>INF</PTC>
     </Pax>
    </PaxList>
   </DataLists>
   <Order>
   <OrderID>XB000A1B2C3D4</OrderID>
   <OwnerCode>XB</OwnerCode>
   </Order>
  </Request>
</IATA_OrderChangeRQ>
```

4. Remove flight segment from an existing Order

None	Copy

```
<IATA_OrderChangeRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Participant>
    <Aggregator>
     <AggregatorID>88888888</AggregatorID>
     <Name>Sunny Travel</Name>
    </Aggregator>
   </Participant>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <ChangeOrder>
   <UpdateOrderItem>
    <AcceptOffer>
     <SelectedOffer>
      <OfferRefID>OFFER1</OfferRefID>
      <OwnerCode>C9</OwnerCode>
      <SelectedOfferItem>
       <OfferItemRefID>OFFERITEM1_1_NEW</OfferItemRefID>
       <PaxRefID>SH1</PaxRefID>
       <PaxRefID>SH2</PaxRefID>
      </SelectedOfferItem>
      <ShoppingResponseRefID>109-
```

```
    retr43543653ergfdr6654tgfd6234</ShoppingResponseRefID>
      </SelectedOffer>
    </AcceptOffer>
    <DeleteOrderItem>
     <OrderItemRefID>XB000A1B2C3D4</OrderItemRefID>
    </DeleteOrderItem>
   </UpdateOrderItem>
  </ChangeOrder>
  <DataLists>
   <PaxList>
    <Pax>
     <PaxID>SH1</PaxID>
     <PTC>ADT</PTC>
    </Pax>
    <Pax>
     <PaxID>SH2</PaxID>
     <PTC>ADT</PTC>
    </Pax>
    <Pax>
     <PaxID>SH3</PaxID>
     <PTC>CHD</PTC>
    </Pax>
    <Pax>
     <PaxID>SH4</PaxID>
     <PTC>INF</PTC>
    </Pax>
   </PaxList>
  </DataLists>
   <Order>
   <OrderID>XB000A1B2C3D4</OrderID>
   <OwnerCode>XB</OwnerCode>
   </Order>
 </Request>
</IATA_OrderChangeRQ>
```

Sample Order Change Responses

OrderViewRS

See OrderViewRS for sample responses

Message Samples

Sample Order Change Notif

1. Update an existing Order with a changed flight segment

None	Copy

```xml
<IATA_OrderChangeNotifRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Notification>
  <DataLists>
   <PaxJourneyList>
    <PaxJourney>
     <PaxJourneyID>FL_LHRMAD</PaxJourneyID>
     <PaxSegmentRefID>SEG_LHRMAD</PaxSegmentRefID>
    </PaxJourney>
   </PaxJourneyList>
   <PaxList>
    <Pax>
     <Individual>
      <GivenName>George</GivenName>
      <IndividualID>SH1_1</IndividualID>
      <Surname>Jones</Surname>
     </Individual>
     <PaxID>SH1</PaxID>
    </Pax>
   </PaxList>
   <PaxSegmentList>
    <PaxSegment>
     <Arrival>
      <IATALocationCode>MAD</IATALocationCode>
     </Arrival>
     <Dep>
      <AircraftScheduledDateTime>2018-12-
30T09:30:00.000+03:00</AircraftScheduledDateTime>
      <IATALocationCode>LHR</IATALocationCode>
     </Dep>
     <MarketingCarrierInfo>
      <CarrierDesigCode>C9</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
     </MarketingCarrierInfo>
     <PaxSegmentID>SEG_LHRMAD</PaxSegmentID>
    </PaxSegment>
   </PaxSegmentList>
  </DataLists>
  <Order>
   <OrderID>XB000A1B2C3D4</OrderID>
   <OrderItem>
    <OrderItemID>OOR123-ABC-18</OrderItemID>
```

```xml
      <Price>
       <BaseAmount CurCode="EUR">7.00</BaseAmount>
       <TaxSummary>
        <TotalTaxAmount CurCode="EUR">3.00</TotalTaxAmount>
       </TaxSummary>
       <TotalAmount CurCode="EUR">10.00</TotalAmount>
      </Price>
      <Service>
       <ActionCode>Add</ActionCode>
       <PaxRefID>SH1</PaxRefID>
       <ServiceAssociations>
        <PaxSegmentRefID>SEG_LHRMAD</PaxSegmentRefID>
       </ServiceAssociations>
       <ServiceID>FL18_SH1_FL_LHRMAD</ServiceID>
      </Service>
     </OrderItem>
     <OwnerCode>XB</OwnerCode>
    </Order>
   </Notification>
   <Party>
    <Participant>
     <Aggregator>
      <AggregatorID>88888888</AggregatorID>
      <Name>Sunny Travel</Name>
     </Aggregator>
    </Participant>
    <Sender>
     <Aggregator>
      <AggregatorID>token</AggregatorID>
     </Aggregator>
     <Corporation>
      <CorporateID>token</CorporateID>
     </Corporation>
     <EnabledSystem>
      <SystemID>token</SystemID>
     </EnabledSystem>
     <MarketingCarrier>
      <AirlineDesigCode>0A</AirlineDesigCode>
     </MarketingCarrier>
     <OperatingCarrier>
      <AirlineDesigCode>0A</AirlineDesigCode>
     </OperatingCarrier>
     <ORA>
      <AirlineDesigCode>0A</AirlineDesigCode>
     </ORA>
     <POA>
      <AirlineDesigCode>0A</AirlineDesigCode>
     </POA>
     <RetailPartner>
      <RetailPartnerID>token</RetailPartnerID>
     </RetailPartner>
     <TravelAgency>
      <AgencyID>00010000</AgencyID>
      <IATANumber>00012345</IATANumber>
      <Name>Sunny Travel</Name>
     </TravelAgency>
```

```
      </Sender>
    </Party>
  </IATA_OrderChangeNotifRQ>
```

Overview

Purpose

The OrderCancel transaction set requests the cancellation of a specified Order, and returns confirmation of cancellation.

Note - Cannot be used when any individual Service within the Order has already been consumed.

Features

Message	Component	Features	18.2	Changes
Request	Core	Cancel in the context of a Booking Reference	✔	-
		Cancel in the context of an Order ID	✔	-
		Advise the expected refund amount	✔	-
		Advise the reason for cancellation	✔	-
		Advise a payment method for refundability if available	✔	-
Response		Return the change Fees	✔	-
		Return additional information such as Marketing Messages	✔	-
		Return Remarks	✔	-
		Returns the related Order Reference	✔	-
		Returns the affected Tickets	✔	-
		Returns any warnings	✔	-

Message Samples

Sample Order Cancel Requests

1. Request to cancel an Order

None	Copy

```
<IATA_OrderCancelRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Participant>
   <Aggregator>
    <AggregatorID>88888888</AggregatorID>
    <Name>Sunny Travel Aggregation</Name>
   </Aggregator>
  </Participant>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
   <Order>
   <OrderID>XB000A1B2C3D4</OrderID>
   <OwnerCode>XB</OwnerCode>
  </Order>
 </Request>
</IATA_OrderCancelRQ>
```

Sample Order Cancel Responses

1. Airline response from requesting an Order cancellation

None	Copy

```
<IATA_OrderCancelRS>
 <Response>
  <OrderCancelProcessing/>
  <OrderRefID>XB000A1B2C3D4</OrderRefID>
 </Response>
 <MessageDoc/>
</IATA_OrderCancelRS>
```

Overview

Purpose

The OrderRetrieve transaction retrieves a specified Order that matches one or more search criteria.

Search criteria may include any supported Order Reference information, which may be the Order ID, a PNR reference, a ticket or coupon/document number, or other Airline supported Order reference and a Passenger Surname and Given Name.

Note - If the Order retrieval request is initiated from the party that originally requested the Order creation, then an Order ID may be sufficient along with the identity of the requesting party. If a Third party requests the retrieval of the same Order, it is up to the three parties to define what validation is required, and ultimately it is up to the Airline to accept or reject the request, considering local laws and regulations.

The Seller may additionally specify filters to constrain the response information sets, including: Trip itinerary, Flight segment, Passenger, Payment and accountable document information. If no filters are specified, all Order information is returned.

If a matching Order is found, the OrderView response will contain all Order information or filtered information (if filters were requested in the Order retrieval request.)

If no matching Order is located, the OrderView response will include processing condition information and no Order information.

Features

Message	Component	Features	18.2	Changes
Request	Core	Request Order by Booking Reference	✔	-
		Request Order based on Itinerary	✔	-
		Request Order based on Order ID	✔	-
		Request Order based on Passengers	✔	-
		Request order based on Passenger Group	✔	-
		Request Order based on Payment Information	✔	-
		Request Order based on Services	✔	-
		Request Order based on Tickets	✔	-
	Filtering	OrderRetrieveParameters	✔	-
Response		See OrderViewRS		

Message Samples

Sample Order Retrieve Requests

1. Request an Order using an Order ID

None	Copy

```
<IATA_OrderRetrieveRQ>
 <MessageDoc>
  <Name>NDC GATEWAY</Name>
  <RefVersionNumber>1.0</RefVersionNumber>
 </MessageDoc>
 <Party>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00012345</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <OrderFilterCriteria>
   <Order>
    <OrderID>XB000A1B2C3D4</OrderID>
    <OwnerCode>XB</OwnerCode>
   </Order>
  </OrderFilterCriteria>
 </Request>
</IATA_OrderRetrieveRQ>
```

Overview

Purpose

The OrderHistory transaction set requests the transaction history and audit trail for a specified Order.

Features

Message	Component	Features	18.2	Changes
Request	Core	Request Order History	✔	-
		Request using Remarks	✔	-
Response		Return an Order Reference	✔	-
		Returns a collection of Actions that have been applied to the Order	✔	-

Message Samples

None Available

No message samples currently available for this message pair

Overview

Purpose

The OrderList transaction set retrieves a list of Orders that match one or more search criteria.

Features

Message	Component	Features	18.2	Changes
Request	Core	Request for matching Orders	✔	-
		OrderListParameters	✔	-
	Filtering	By Booking Reference	✔	-
		By Carrier	✔	-
		By Flight	✔	-
		By Cancellation Date	✔	-
		By Creation Date	✔	-
		By Passengers	✔	-
		By Passenger Groups	✔	-
		By Payments	✔	-
		By Services	✔	-
		By Tickets	✔	-
		By travel Date	✔	-
Response		Return matched Orders	✔	-

Message Samples

Sample Order List Requests

> 1. Request Orders created between two dates.

None	Copy

```xml
<IATA_OrderListRQ>
 <Party>
  <Recipient>
   <ORA>
    <AirlineDesigCode>XB</AirlineDesigCode>
   </ORA>
  </Recipient>
  <Sender>
   <TravelAgency>
    <AgencyID>00010000</AgencyID>
    <IATANumber>00000123</IATANumber>
    <Name>Sunny Travel</Name>
   </TravelAgency>
  </Sender>
 </Party>
 <Request>
  <OrderFilterCriteria>
   <OrderCreationDateFilterCriteria>
    <EffectiveDate>2018-10-01</EffectiveDate>
    <ExpirationDate>2018-10-07</ExpirationDate>
   </OrderCreationDateFilterCriteria>
  </OrderFilterCriteria>
 </Request>
</IATA_OrderListRQ>
```

Sample Order List Responses

> 1. List of Orders returned

None	Copy

```xml
<IATA_OrderListRS>
 <Response>
  <MatchedOrder>
   <Arrival>
    <ArrivalDate>2018-10-02</ArrivalDate>
    <StationCode>LHR</StationCode>
   </Arrival>
   <Dep>
    <DepDate>2018-10-02</DepDate>
    <StationCode>BCN</StationCode>
   </Dep>
   <OrderCreationDate>2018-08-20</OrderCreationDate>
   <OrderRefID>XB000A1B2C3D4</OrderRefID>
```

```xml
      <Paxs>
       <Pax>
        <Individual>
         <GivenName>Johnny-Tom</GivenName>
         <IndividualID>SH1_1</IndividualID>
         <Surname>Depp</Surname>
        </Individual>
        <PaxID>SH1</PaxID>
       </Pax>
       <Pax>
        <Individual>
         <GivenName>George</GivenName>
         <IndividualID>SH2_1</IndividualID>
         <Surname>Depp</Surname>
        </Individual>
        <PaxID>SH2</PaxID>
       </Pax>
       <Pax>
        <Individual>
         <GivenName>Helen</GivenName>
         <IndividualID>SH3_1</IndividualID>
         <Surname>Depp</Surname>
        </Individual>
        <PaxID>SH3</PaxID>
       </Pax>
       <Pax>
        <PaxID>SH4</PaxID>
       </Pax>
      </Paxs>
      <TravelAgency>
       <AgencyID>00000123</AgencyID>
      </TravelAgency>
     </MatchedOrder>
     <MatchedOrder>
      <Arrival>
       <ArrivalDate>2018-10-03</ArrivalDate>
       <StationCode>BCN</StationCode>
      </Arrival>
      <Dep>
       <DepDate>2018-10-03</DepDate>
       <StationCode>LHR</StationCode>
      </Dep>
      <OrderCreationDate>2018-08-20</OrderCreationDate>
      <OrderRefID>XB000A1B2C3D5</OrderRefID>
      <Paxs>
       <Pax>
        <Individual>
         <GivenName>Johnny-Tom</GivenName>
         <IndividualID>SH1_1</IndividualID>
         <Surname>Depp</Surname>
        </Individual>
        <PaxID>SH1</PaxID>
       </Pax>
       <Pax>
        <Individual>
         <GivenName>George</GivenName>
```

```xml
        <IndividualID>SH2_1</IndividualID>
        <Surname>Depp</Surname>
       </Individual>
       <PaxID>SH2</PaxID>
      </Pax>
      <Pax>
       <Individual>
        <GivenName>Helen</GivenName>
        <IndividualID>SH3_1</IndividualID>
        <Surname>Depp</Surname>
       </Individual>
       <PaxID>SH3</PaxID>
      </Pax>
      <Pax>
       <PaxID>SH4</PaxID>
      </Pax>
     </Paxs>
     <TravelAgency>
      <AgencyID>00000123</AgencyID>
     </TravelAgency>
    </MatchedOrder>
   </Response>
</IATA_OrderListRS>
```

Overview

Purpose

OrderView returns up to date content of an Order such as pricing information, conditions, time limits, Order status and passenger information.

When payment has been processed at the time of Order creation it also includes the status of this and, where they have already been issued, at least accountable document references (and further accountable document data if required).

Features

Message	Component	Features	18.2	Changes
Request	See various messages such as OrderRetrieve, OrderCreate, Order Change			
Response		Returns one to many Orders	✔	-
		Returns the changes and actions applied to the Order previously	✔	-
		Returns Marketing Text	✔	-
		Returns Ticket Information	✔	-
			✔	-
			✔	-
Message	General	Inventory Guarantee	✔	-
		Rich Content	✔	-
		Multi language	✔	-
		Groups	✔	-
		Multi-Currency	✔	-

Message Samples

Sample Order View Responses

1. Airline Sample Order

None	Copy

```
<IATA_OrderViewRS>
 <Response>
  <DataLists>
   <PaxJourneyList>
    <PaxJourney>
     <PaxJourneyID>FL_LHRBCN</PaxJourneyID>
     <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
    </PaxJourney>
    <PaxJourney>
     <PaxJourneyID>FL_BCNLHR</PaxJourneyID>
     <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
    </PaxJourney>
   </PaxJourneyList>
   <PaxList>
    <Pax>
     <PaxID>SH1</PaxID>
     <PTC>ADT</PTC>
    </Pax>
    <Pax>
     <PaxID>SH2</PaxID>
     <PTC>ADT</PTC>
    </Pax>
    <Pax>
     <PaxID>SH3</PaxID>
     <PTC>CHD</PTC>
    </Pax>
    <Pax>
     <PaxID>SH4</PaxID>
     <PTC>INF</PTC>
    </Pax>
   </PaxList>
   <PaxSegmentList>
    <PaxSegment>
     <Arrival>
      <IATALocationCode>BCN</IATALocationCode>
     </Arrival>
     <Dep>
      <AircraftScheduledDateTime>2018-12-
20T23:29:41.543+03:00</AircraftScheduledDateTime>
      <IATALocationCode>LHR</IATALocationCode>
     </Dep>
     <MarketingCarrierInfo>
      <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
     </MarketingCarrierInfo>
     <PaxSegmentID>SEG_LHRBCN_1</PaxSegmentID>
```

```xml
    </PaxSegment>
    <PaxSegment>
     <Arrival>
      <IATALocationCode>LHR</IATALocationCode>
     </Arrival>
     <Dep>
      <AircraftScheduledDateTime>2018-12-
29T23:29:41.543+03:00</AircraftScheduledDateTime>
      <IATALocationCode>BCN</IATALocationCode>
     </Dep>
     <MarketingCarrierInfo>
      <CarrierDesigCode>XB</CarrierDesigCode>

<MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
     </MarketingCarrierInfo>
     <PaxSegmentID>SEG_BCNLHR_1</PaxSegmentID>
    </PaxSegment>
   </PaxSegmentList>
   <ServiceDefinitionList>
    <ServiceDefinition>
     <Desc>
      <DescText>First Bag</DescText>
     </Desc>
     <Name>1st Bag</Name>
     <ServiceCode>BAG</ServiceCode>
     <ServiceDefinitionID>SV_1023_EFO</ServiceDefinitionID>
    </ServiceDefinition>
    <ServiceDefinition>
     <Desc>
      <DescText>Second Bag</DescText>
     </Desc>
     <Name>2nd Bag</Name>
     <ServiceCode>BAG</ServiceCode>
     <ServiceDefinitionID>SV_1010_EFO</ServiceDefinitionID>
    </ServiceDefinition>
    <ServiceDefinition>
     <Desc>
      <DescText>Stay connected using any Wi-Fi enabled
device</DescText>
     </Desc>
     <Name>Inflight Wi-Fi</Name>
     <ServiceCode>CON</ServiceCode>
     <ServiceDefinitionID>SV_1009_EFO</ServiceDefinitionID>
    </ServiceDefinition>
    <ServiceDefinition>
     <Desc>
      <DescText>Escape the crowds and find a quiet space to work or
relax</DescText>
     </Desc>
     <Name>Lounge Pass</Name>
     <ServiceCode>GRN</ServiceCode>
     <ServiceDefinitionID>SV_1011_EFO</ServiceDefinitionID>
    </ServiceDefinition>
    <ServiceDefinition>
     <Desc>
      <DescText>This is a non-strict vegetarian meal</DescText>
```

```xml
    </Desc>
    <Name>Standard Meal</Name>
    <ServiceCode>MEL</ServiceCode>
    <ServiceDefinitionID>SV_1017_EFO</ServiceDefinitionID>
   </ServiceDefinition>
  </ServiceDefinitionList>
 </DataLists>
 <Order>
  <OrderID>OOR123-ABC</OrderID>
  <OrderItem>
   <OrderItemID>OOR123-ABC-1</OrderItemID>
   <Price>
    <BaseAmount CurCode="EUR">122.00</BaseAmount>
    <TaxSummary>
     <TotalTaxAmount CurCode="EUR">153.58</TotalTaxAmount>
    </TaxSummary>
    <TotalAmount CurCode="EUR">275.58</TotalAmount>
   </Price>
   <Service>
    <PaxRefID>SH1</PaxRefID>
    <ServiceAssociations>
     <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
    </ServiceAssociations>
    <ServiceID>FL1_SH1_FL_LHRBCN</ServiceID>
   </Service>
   <Service>
    <PaxRefID>SH1</PaxRefID>
    <ServiceAssociations>
     <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
    </ServiceAssociations>
    <ServiceID>FL1_SH1_FL_BCNLHR</ServiceID>
   </Service>
   <Service>
    <PaxRefID>SH2</PaxRefID>
    <ServiceAssociations>
     <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
    </ServiceAssociations>
    <ServiceID>FL1_SH2_FL_LHRBCN</ServiceID>
   </Service>
   <Service>
    <PaxRefID>SH2</PaxRefID>
    <ServiceAssociations>
     <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
    </ServiceAssociations>
    <ServiceID>FL1_SH2_FL_BCNLHR</ServiceID>
   </Service>
  </OrderItem>
  <OrderItem>
   <OrderItemID>OOR123-ABC-2</OrderItemID>
    <Price>
     <BaseAmount CurCode="EUR">122.00</BaseAmount>
     <TaxSummary>
      <TotalTaxAmount CurCode="EUR">100.58</TotalTaxAmount>
     </TaxSummary>
     <TotalAmount CurCode="EUR">222.58</TotalAmount>
    </Price>
```

```xml
      <Service>
       <PaxRefID>SH3</PaxRefID>
       <ServiceAssociations>
        <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
       </ServiceAssociations>
       <ServiceID>FL1_SH3_FL_LHRBCN</ServiceID>
      </Service>
      <Service>
       <PaxRefID>SH3</PaxRefID>
       <ServiceAssociations>
        <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
       </ServiceAssociations>
       <ServiceID>FL1_SH3_FL_BCNLHR</ServiceID>
      </Service>
     </OrderItem>
     <OrderItem>
      <OrderItemID>OOR123-ABC-3</OrderItemID>
       <Price>
        <BaseAmount CurCode="EUR">82.00</BaseAmount>
        <TaxSummary>
         <TotalTaxAmount CurCode="EUR">100.58</TotalTaxAmount>
        </TaxSummary>
        <TotalAmount CurCode="EUR">182.58</TotalAmount>
       </Price>
       <Service>
        <PaxRefID>SH4</PaxRefID>
        <ServiceAssociations>
         <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
        </ServiceAssociations>
        <ServiceID>FL1_SH4_FL_LHRBCN</ServiceID>
       </Service>
       <Service>
        <PaxRefID>SH4</PaxRefID>
        <ServiceAssociations>
         <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
        </ServiceAssociations>
        <ServiceID>FL1_SH4_FL_BCNLHR</ServiceID>
       </Service>
     </OrderItem>
     <OrderItem>
      <OrderItemID>OOR123-ABC-4</OrderItemID>
       <Price>
        <TotalAmount CurCode="EUR">35.00</TotalAmount>
       </Price>
       <Service>
        <PaxRefID>SH1</PaxRefID>
        <ServiceAssociations>
         <ServiceDefinitionRef>

 <ServiceDefinitionRefID>SV_1023_EFO</ServiceDefinitionRefID>
         </ServiceDefinitionRef>
        </ServiceAssociations>
        <ServiceID>SV_1023_EFO</ServiceID>
       </Service>
     </OrderItem>
     <OrderItem>
```

```xml
        <OrderItemID>OOR123-ABC-5</OrderItemID>
       <Price>
        <TotalAmount CurCode="EUR">12.00</TotalAmount>
       </Price>
       <Service>
        <PaxRefID>SH1</PaxRefID>
        <ServiceAssociations>
         <ServiceDefinitionRef>

<ServiceDefinitionRefID>SV_1009_EFO</ServiceDefinitionRefID>
         </ServiceDefinitionRef>
        </ServiceAssociations>
        <ServiceID>SV_1009_EFO</ServiceID>
       </Service>
     </OrderItem>
     <OrderItem>
      <OrderItemID>OOR123-ABC-6</OrderItemID>
       <Price>
        <TotalAmount CurCode="EUR">10.00</TotalAmount>
       </Price>
       <Service>
        <PaxRefID>SH1</PaxRefID>
        <ServiceAssociations>
         <ServiceDefinitionRef>

<ServiceDefinitionRefID>SV_1017_EFO</ServiceDefinitionRefID>
         </ServiceDefinitionRef>
        </ServiceAssociations>
        <ServiceID>SV_1017_EFO</ServiceID>
       </Service>
     </OrderItem>
     <OrderItem>
      <OrderItemID>OOR123-ABC-7</OrderItemID>
       <Price>
        <TotalAmount CurCode="EUR">10.00</TotalAmount>
       </Price>
       <Service>
        <PaxRefID>SH2</PaxRefID>
        <ServiceAssociations>
         <ServiceDefinitionRef>

<ServiceDefinitionRefID>SV_1017_EFO</ServiceDefinitionRefID>
         </ServiceDefinitionRef>
        </ServiceAssociations>
        <ServiceID>SV_1017_EFO</ServiceID>
       </Service>
     </OrderItem>
     <OwnerCode>XB</OwnerCode>
    </Order>
   </Response>
</IATA_OrderViewRS>
```

Overview

> **Decommissioned**
>
> This message has been decommissioned as of PADIS 19.1

Purpose

AirDocIssueRQ is used to convey payment information between the Seller/Aggregator and ORA related to specified Order Item(s) in advance of accountable document issuance.

Once the information has been received and payment has been authorized, the ORA will issue the relevant accountable documents in compliance with applicable resolutions. For every Service in the specified Order Items, there will be an association with one of the issued accountable documents.

Features

Message	Component	Features	18.2	Changes
Request	Core	Creating a ticket per selected passenger	✔	-
		Creating a ticket in relation to an Order	✔	-
		Creating a ticket in the context of a promotion	✔	-
Response	General	See OrderView	✔	-

Overview

> **Under Review**
>
> This message is under review for PADIS 19.2 and above

Purpose

The AirDocNotifRQ transaction sends an unsolicited document change notification message. The Acknowledgement message may be returned to acknowledge receipt of the notification request.

Features

Message	Component	Features	18.2	Changes
Request	Core	Send the POA Coupon information	✔	-
		Send the POA the Order reference	✔	-
		Send the POA Passenger Reference	✔	-
		Send the POA Passenger Information	✔	-
		Send the POA the Document Number and Type	✔	-
Response	General	See Acknowledgement	✔	-

Message Samples

Sample Air Doc Notifs

1. No samples available

Introduction

The ONE Order standard defines the necessary delivery processes and interactions to enable purchased products and Services within Orders to be delivered and their delivery status tracked. These Services may be flights or ancillary products, and can be delivered by the Airline itself or a partner Airline, or by a contracted third-party Delivery Provider (e.g. ground handler, caterer, lounge provider, etc.). The processes also support scenarios including Services not being delivered or consumed. Example messages in this section show a simple request and response message pair. More complex scenarios, including error cases, are provided in the section "Example Scenarios".

As part of a transition path, the ONE Order Service Delivery messages are able to be implemented independently of the ONE Order Accounting messages and business functions, however it is a prerequisite that the Airline's OMS must be using Orders.

Purpose

Purpose

This message is intended to be used by the Delivery Provider to prepare for delivery of Services for which it is responsible. The information provided by the message is used to support the delivery and servicing by the relevant Delivery Provider.

The Delivery Provider requests information from the Airline's OMS about a Service (including the passenger's entitlement) and its current status, and the Airline responds with all relevant information about the Service to be delivered, along with the latest status. Note that the Airline may have changed the status of the Service as a result of receiving the ServiceDelivery request, depending on internal processes.

The criteria used to request this information may be singular, or batched for example per Passenger, per Order/Service or flight. The Service Delivery response contains the full details of the Services in the Order and all relevant flight information.

Features

Message	Component	Features	18.2	Changes
Request	Core	Accept an Order as input for Service Delivery information	✔	
		Accept a flight as input for Service Delivery Information	✔	-
	Filtering	By service type	✔	-
		By airline code and flight number	✔	-
		By equipment type	✔	-
		By location code	✔	-
		By departure date	✔	-
Response	Service	Provide service delivery information for an Order	✔	-
		Provide service delivery information for a specific flight	✔	-
		Update service delivery information	✔	-

Message Samples

Sample Service Delivery Request

> 1. In this example, the delivery provider ("WF") is requesting Service delivery information for wifi Services. The Airline replies with a list of passenger and order details.

None	Copy

```
<IATA_ServiceDeliveryRQ
xmlns="http://www.iata.org/IATA/2015/00/2018.2/IATA_ServiceDeliveryRQ"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Party>
    <Sender>
      <RetailPartner>
        <RetailPartnerID>WF</RetailPartnerID>
      </RetailPartner>
    </Sender>
  </Party>
  <PayloadAttributes>
    <VersionNumber>18.2</VersionNumber>
  </PayloadAttributes>
  <Request>
    <PaxSegment>
      <OperatingCarrierInfo>
        <CarrierDesigCode>C9</CarrierDesigCode>
        <DatedOperatingLeg>
          <Arrival>
            <IATALocationCode>LHR</IATALocationCode>
          </Arrival>
          <Dep>
          <AircraftScheduledDateTime>2018-12-
29T23:29:41.543+03:00</AircraftScheduledDateTime>
            <IATALocationCode>BCN</IATALocationCode>
          </Dep>
        </DatedOperatingLeg>
      </OperatingCarrierInfo>
    </PaxSegment>
    <Service>
      <DeliveryProvider>
        <ID>WF</ID>
        <Name>Wifi provider</Name>
      </DeliveryProvider>
    </Service>
  </Request>
</IATA_ServiceDeliveryRQ>
```

Sample Service Delivery Responses

> 1. Sample Response

```xml
<IATA_ServiceDeliveryRS
xmlns="http://www.iata.org/IATA/2015/00/2018.2/IATA_ServiceDeliveryRS"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Response>
    <DataLists>
      <ContactInfoList>
        <ContactInfo>
          <ContactInfoID>CNTCT_SH1</ContactInfoID>
          <EmailAddress>
            <EmailAddressText>sample.email@email.com</EmailAddressText>
          </EmailAddress>
        </ContactInfo>
      </ContactInfoList>
      <OriginDestList>
        <OriginDest>
          <DestCode>LHR</DestCode>
          <OriginCode>BCN</OriginCode>
          <OriginDestID>BCNLHR</OriginDestID>
          <PaxJourneyRefID>FL_BCNLHR</PaxJourneyRefID>
        </OriginDest>
      </OriginDestList>
      <PaxJourneyList>
        <PaxJourney>
          <PaxJourneyID>FL_BCNLHR</PaxJourneyID>
          <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
        </PaxJourney>
      </PaxJourneyList>
      <PaxList>
        <Pax>
          <ContactInfoRefID>CNTCT_SH1</ContactInfoRefID>
          <Individual>
            <GivenName>John</GivenName>
            <Surname>Smith</Surname>
          </Individual>
          <PaxID>SH1</PaxID>
        </Pax>
      </PaxList>
      <PaxSegmentList>
        <PaxSegment>
          <Arrival>
            <IATALocationCode>LHR</IATALocationCode>
          </Arrival>
          <Dep>
            <AircraftScheduledDateTime>2018-12-29T23:29:41.543+03:00</AircraftScheduledDateTime>
            <IATALocationCode>BCN</IATALocationCode>
          </Dep>
          <MarketingCarrierInfo>
            <CarrierDesigCode>C9</CarrierDesigCode>
            <MarketingCarrierFlightNumberText>071</MarketingCarrierFlightNumberText>
          </MarketingCarrierInfo>
          <PaxSegmentID>SEG_BCNLHR_1</PaxSegmentID>
        </PaxSegment>
      </PaxSegmentList>
```

```xml
            <ServiceDefinitionList>
              <ServiceDefinition>
                <Desc>
                  <DescText>Stay connected using any Wi-Fi enabled device</DescText>
                </Desc>
                <Name>Inflight Wi-Fi</Name>
                <ServiceCode>CON</ServiceCode>
                <ServiceDefinitionID>SV_1009_EFO</ServiceDefinitionID>
              </ServiceDefinition>
            </ServiceDefinitionList>
          </DataLists>
          <Order>
            <OrderID>OOR123-ABC</OrderID>
            <OrderItem>
              <OrderItemID>OOR123-ABC-2</OrderItemID>
              <Service>
                <DeliveryProvider>
                  <ID>WF</ID>
                  <Name>Wifi provider</Name>
                </DeliveryProvider>
                <DeliveryStatusCode>READY TO PROCEED</DeliveryStatusCode>
                <PaxRefID>SH1</PaxRefID>
                <ServiceAssociations>
                  <ServiceDefinitionRef>
                    <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
                    <ServiceDefinitionRefID>SV_1009_EFO</ServiceDefinitionRefID>
                  </ServiceDefinitionRef>
                </ServiceAssociations>
                <ServiceID>SV_1009_EFO_1</ServiceID>
              </Service>
            </OrderItem>
          </Order>
        </Response>
        <Party>
          <Sender>
            <MarketingCarrier>
              <AirlineDesigCode>C9</AirlineDesigCode>
            </MarketingCarrier>
          </Sender>
        </Party>
        <PayloadAttributes>
          <VersionNumber>18.2</VersionNumber>
        </PayloadAttributes>
      </IATA_ServiceDeliveryRS>
```

Overview

Purpose

The Service Delivery Notification request is intended to be used by the OMS to inform Delivery Providers about the Services to be delivered. This information may be sent for an individual passenger, an Order, or may be provided for an entire flight or a given period of time. In case of multiple Service delivery by a Delivery Provider the entire itinerary is sent with the message. Note that the notification of Service delivery does not necessarily imply that Service delivery can be started.

This message is triggered by the Airline's Order Management System to the Delivery Provider. Upon completion of the message processing, the delivery partner has successfully been informed of the Services that are to be delivered. For example, an Airline Order Management System may send flight information (including passenger entitlement) and status to a ground handler. In case of multiple Service delivery by a Delivery Provider the entire itinerary is sent with the message.

Features

Message	Component	Feature	18.2	Changes
Request	Core	Accept an Order ID as input for Service Delivery information	✔	-
		Accept a flight as input for Service Delivery Information	✔	-
	Filtering	By service type	✔	-
		By airline code and flight number	✔	-
		By equipment type	✔	-
		By location code	✔	-
		By departure date	✔	-
Response	Service	Acknowledge Service Delivery Notification	✔	-

Message Samples

Sample Service Delivery Notifs

> In this example, the airline OMS is informing the delivery provider of passenger Order and Service details for a flight from BCN to LHR in order to prepare for delivery by the Delivery Provider.

None	Copy

```xml
<?xml version="1.0" encoding="UTF-8"?>
<IATA_ServiceDeliveryNotifRQ
xmlns="http://www.iata.org/IATA/2015/00/2018.2/IATA_ServiceDeliveryNotifRQ"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.iata.org/IATA/2015/00/2018.2/IATA_ServiceDeliveryNotifR
Q IATA_ServiceDeliveryNotifRQ.xsd">
  <Party>
    <Sender>
      <MarketingCarrier>
        <AirlineDesigCode>C9</AirlineDesigCode>
      </MarketingCarrier>
    </Sender>
  </Party>
  <PayloadAttributes>
    <VersionNumber>18.2</VersionNumber>
  </PayloadAttributes>
  <Request>
    <DataLists>
      <ContactInfoList>
        <ContactInfo>
          <ContactInfoID>CNTCT_SH1</ContactInfoID>
          <EmailAddress>
            <EmailAddressText>sample.email@email.com</EmailAddressText>
          </EmailAddress>
        </ContactInfo>
      </ContactInfoList>
      <OriginDestList>
        <OriginDest>
          <DestCode>LHR</DestCode>
          <OriginCode>BCN</OriginCode>
          <OriginDestID>BCNLHR</OriginDestID>
          <PaxJourneyRefID>FL_BCNLHR</PaxJourneyRefID>
        </OriginDest>
      </OriginDestList>
      <PaxJourneyList>
        <PaxJourney>
          <PaxJourneyID>FL_BCNLHR</PaxJourneyID>
          <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
        </PaxJourney>
      </PaxJourneyList>
      <PaxList>
        <Pax>
          <ContactInfoRefID>CNTCT_SH1</ContactInfoRefID>
          <Individual>
            <GivenName>John</GivenName>
```

```xml
                    <Surname>Smith</Surname>
                </Individual>
                <PaxID>SH1</PaxID>
            </Pax>
        </PaxList>
        <PaxSegmentList>
            <PaxSegment>
                <Arrival>
                    <IATALocationCode>LHR</IATALocationCode>
                </Arrival>
                <Dep>
                    <AircraftScheduledDateTime>2018-12-
29T23:29:41.543+03:00</AircraftScheduledDateTime>
                    <IATALocationCode>BCN</IATALocationCode>
                </Dep>
                <MarketingCarrierInfo>
                    <CarrierDesigCode>C9</CarrierDesigCode>
                    <MarketingCarrierFlightNumberText>071</MarketingCarrierFlightNumberText>
                </MarketingCarrierInfo>
                <PaxSegmentID>SEG_BCNLHR_1</PaxSegmentID>
            </PaxSegment>
        </PaxSegmentList>
        <ServiceDefinitionList>
            <ServiceDefinition>
                <Desc>
                    <DescText>Stay connected using any Wi-Fi enabled device</DescText>
                </Desc>
                <Name>Inflight Wi-Fi</Name>
                <ServiceCode>CON</ServiceCode>
                <ServiceDefinitionID>SV_1009_EFO</ServiceDefinitionID>
            </ServiceDefinition>
        </ServiceDefinitionList>
    </DataLists>
    <Order>
        <OrderID>OOR123-ABC</OrderID>
        <OrderItem>
            <OrderItemID>OOR123-ABC-2</OrderItemID>
            <Service>
                <DeliveryProvider>
                    <ID>WF</ID>
                    <Name>Wifi provider</Name>
                </DeliveryProvider>
                <DeliveryStatusCode>READY TO PROCEED</DeliveryStatusCode>
                <PaxRefID>SH1</PaxRefID>
                <ServiceAssociations>
                    <ServiceDefinitionRef>
                        <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
                        <ServiceDefinitionRefID>SV_1009_EFO</ServiceDefinitionRefID>
                    </ServiceDefinitionRef>
                </ServiceAssociations>
                <ServiceID>SV_1009_EFO_1</ServiceID>
            </Service>
        </OrderItem>
    </Order>
  </Request>
</IATA_ServiceDeliveryNotifRQ>
```

Sample Service Delivery Response

Acknowledgement Message

The response to this message is an acknowledgement from the delivery provider.

Overview

Purpose

The message may be used by a Delivery Provider to inform the Order Management System of updates to the Service(s) that occur during the period of Service delivery, or used it can be used by the Order Management System to inform the other carrier partner(s) of updates (in case of interlining).

This message is intended to be used for communicating necessary information related to the delivery of a Service, such as providing the Order Management System with assigned baggage tag identifiers, the weight of bags, seats assigned to passengers, advanced passenger information that may have been collected and so on. The Order Management System then ensures that this data is stored for later use (if necessary). Note that this Service is not intended to be used for the addition of new paid Services, nor for any exchange of payment related information.

Features

Message	Component	Feature	18.2	Changes
Request	Core	Accept an Order ID and Order Item as input for Update Service Notification	✔	-
		Accept the current status of an Order Item as input for Update Service Notification	✔	-
		Accept a delivery milestone as input for Update Service Notification	✔	-
		Accept baggage information as input for Update Service Notification	✔	-
	Filtering	Not applicable	-	-
Response	Service	Acknowledge update of a service	✔	-

Message Samples

Sample Update Service Notif

> In this example, the Airline is being advised of a baggage tag identifier, issued by delivery provider "Z9" for a flight from LHR to DXB for a specific order.

None	Copy

```xml
<IATA_UpdateServiceNotifRQ
xmlns="http://www.iata.org/IATA/2015/00/2018.2/IATA_UpdateServiceNotifRQ">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>22334455</AgencyID>
        <IATANumber>20200154</IATANumber>
        <Name>JR TECHNOLOGIES</Name>
      </TravelAgency>
    </Sender>
  </Party>
  <PayloadAttributes>
    <CorrelationID/>
    <EchoTokenText>fsdfsdf</EchoTokenText>
    <Timestamp>2001-12-17T09:30:47+05:00</Timestamp>
    <VersionNumber>2018.2</VersionNumber>
  </PayloadAttributes>
  <Request>
    <Order>
      <OrderID>Z12355</OrderID>
      <OrderItem>
        <OrderItemID>ORDERITEM1</OrderItemID>
        <Service>
          <Bag>
            <BagTag>
              <BagTagID>0125698745</BagTagID>
              <IssuingCarrier>
                <AirlineDesigCode>Z9</AirlineDesigCode>
              </IssuingCarrier>
            </BagTag>
          </Bag>
          <DeliveryProvider>
            <ID>Z9</ID>
            <Name>Zeus</Name>
          </DeliveryProvider>
          <DeliveryStatusCode>READY TO PROCEED</DeliveryStatusCode>
          <ServiceID>FL1_1_FL_LHRDXB_1_SH2_SH2_Z12355_048dd478-5c25-4e07-ae57-
6676a8e9d6d1</ServiceID>
        </Service>
      </OrderItem>
    </Order>
  </Request>
</IATA_UpdateServiceNotifRQ>
```

Overview

Purpose

The Service Status Change Notification (SSCN) request message (ServiceStatusChangeNotifRQ) is used to notify the Order Management System of any change in status to Services within an Order. The status of a Service is used to track the ability of the Airline or Delivery Provider to deliver a particular Service, and/or track whether a Service has been consumed. This message may be triggered directly from a delivery process, but may also be triggered by an automated process, such as the expiration of a time limit in which a service was to be consumed within. The Service Status Change Notification message is used to advise the status of all Services (flights, flight-related ancillaries, ground Services etc.) throughout the lifecycle of the Service.

The Service Status Change Notification request is used solely to advise of changes in status to a Service. This may be the Delivery Provider confirming to the Order Management System that they are able to provide a Service (e.g. lounge access).

The message can also be used to report a milestone event in the delivery of a particular Service, such as a passenger being boarded, or accepted for boarding, a bag being loaded, a requested meal being loaded on board etc. Therefore, reporting of a Service delivery milestone allows the progress of Service delivery to be tracked from an operational perspective, supporting other operational processes such as bag reconciliation and weight and balance tasks. However, the reporting of a milestone event does not necessarily imply or trigger a change of the status of the Service (for example, a passenger boarding does not trigger a status update for any flight Service).

Features

Message	Component	Feature	18.2	Changes
Request	Core	Accept an Order ID and Service ID as input for Service Status Change request	✔	-
		Accept the current status of a service as input for Service Status Change request	✔	-
		Accept a delivery milestone of a service as input for Service Status Change request	✔	-
	Filtering	Not applicable	✔	-
Response	Service	Acknowledge change of a service status	✔	-

Message Samples

In this example, the delivery provider "WF" is updating the wifi Service status in a specific order to "READY TO DELIVER".

None	Copy

```
<IATA_ServiceStatusChangeNotifRQ
xmlns="http://www.iata.org/IATA/2015/00/2018.2/IATA_ServiceStatusChangeNotifRQ"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Party>
    <Sender>
      <RetailPartner>
        <RetailPartnerID>WF</RetailPartnerID>
      </RetailPartner>
    </Sender>
  </Party>
  <PayloadAttributes>
    <VersionNumber>18.2</VersionNumber>
  </PayloadAttributes>
  <Request>
    <Order>
      <OrderID>OOR123-ABC</OrderID>
      <OrderItem>
        <OrderItemID>OOR123-ABC-2</OrderItemID>
        <Service>
          <DeliveryProvider>
            <ID>WF</ID>
            <Name>Wifi provider</Name>
          </DeliveryProvider>
          <DeliveryStatusCode>READY TO DELIVER</DeliveryStatusCode>
          <ServiceID>SV_1009_EFO_1</ServiceID>
        </Service>
      </OrderItem>
    </Order>
  </Request>
</IATA_ServiceStatusChangeNotifRQ>
```

Acknowledge response:

None	Copy

```
<IATA_AcknowledgmentRS xmlns="http://www.iata.org/IATA/2007/00" Version="18.2"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Success></Success>
</IATA_AcknowledgmentRS>
```

In this example, the delivery provider "WF" is updating the wifi Service status in a specific order to "IN PROGRESS".

None	Copy

```
<IATA_ServiceStatusChangeNotifRQ
xmlns="http://www.iata.org/IATA/2015/00/2018.2/IATA_ServiceStatusChangeNotifRQ"
```

```
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Party>
    <Sender>
      <RetailPartner>
        <RetailPartnerID>WF</RetailPartnerID>
      </RetailPartner>
    </Sender>
  </Party>
  <PayloadAttributes>
    <VersionNumber>18.2</VersionNumber>
  </PayloadAttributes>
  <Request>
    <Order>
      <OrderID>OOR123-ABC</OrderID>
      <OrderItem>
        <OrderItemID>OOR123-ABC-2</OrderItemID>
        <Service>
          <DeliveryProvider>
            <ID>WF</ID>
            <Name>Wifi provider</Name>
          </DeliveryProvider>
          <DeliveryStatusCode>IN PROGRESS</DeliveryStatusCode>
          <ServiceID>SV_1009_EFO_1</ServiceID>
        </Service>
      </OrderItem>
    </Order>
  </Request>
</IATA_ServiceStatusChangeNotifRQ>
```

Finally, the delivery provider "WF" is updating the wifi Service status to "DELIVERED".

None	Copy

```
<IATA_ServiceStatusChangeNotifRQ
xmlns="http://www.iata.org/IATA/2015/00/2018.2/IATA_ServiceStatusChangeNotifRQ"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Party>
    <Sender>
      <RetailPartner>
        <RetailPartnerID>WF</RetailPartnerID>
      </RetailPartner>
    </Sender>
  </Party>
  <PayloadAttributes>
    <VersionNumber>18.2</VersionNumber>
  </PayloadAttributes>
  <Request>
    <Order>
      <OrderID>OOR123-ABC</OrderID>
      <OrderItem>
        <OrderItemID>OOR123-ABC-2</OrderItemID>
        <Service>
          <DeliveryProvider>
            <ID>WF</ID>
            <Name>Wifi provider</Name>
          </DeliveryProvider>
```

```xml
            <DeliveryStatusCode>DELIVERED</DeliveryStatusCode>
            <ServiceID>SV_1009_EFO_1</ServiceID>
        </Service>
      </OrderItem>
    </Order>
  </Request>
</IATA_ServiceStatusChangeNotifRQ>
```

Introduction

The ONE Order business requirements define the necessary accounting processes and interactions to enable purchased products and Services within Orders to be accounted for, depending on their consumption status.

As part of a transition path, the ONE Order Accounting messages are able to be implemented independently of the ONE Order Service Delivery messages and business functions, however it is a prerequisite that the Airline's OMS must be using Orders.

Message Samples

Sample Order Sales Information Notif

> The OSIN message below provides the Accounting System with all necessary information on the specific order. A single passenger is travelling from LHR to BCN and back, and has purchased a wifi Service on the return flight.

None	Copy

```xml
<IATA_OrderSalesInformationNotifRQ
xmlns="http://www.iata.org/IATA/2015/00/2018.2/IATA_OrderSalesInformationNotifRQ"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Party>
    <Sender>
      <MarketingCarrier>
        <AirlineDesigCode>C9</AirlineDesigCode>
      </MarketingCarrier>
    </Sender>
  </Party>
  <PayloadAttributes>
    <VersionNumber>18.2</VersionNumber>
  </PayloadAttributes>
  <Request>
    <DataLists>
      <ContactInfoList>
        <ContactInfo>
          <ContactInfoID>CNTCT_SH1</ContactInfoID>
          <EmailAddress>
            <EmailAddressText>sample.email@email.com</EmailAddressText>
          </EmailAddress>
        </ContactInfo>
      </ContactInfoList>
      <OriginDestList>
        <OriginDest>
          <DestCode>BCN</DestCode>
          <OriginCode>LHR</OriginCode>
          <OriginDestID>LHRBCN</OriginDestID>
          <PaxJourneyRefID>FL_LHRBCN</PaxJourneyRefID>
        </OriginDest>
        <OriginDest>
          <DestCode>LHR</DestCode>
          <OriginCode>BCN</OriginCode>
          <OriginDestID>BCNLHR</OriginDestID>
          <PaxJourneyRefID>FL_BCNLHR</PaxJourneyRefID>
        </OriginDest>
      </OriginDestList>
      <PaxJourneyList>
        <PaxJourney>
          <PaxJourneyID>FL_LHRBCN</PaxJourneyID>
          <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
        </PaxJourney>
        <PaxJourney>
          <PaxJourneyID>FL_BCNLHR</PaxJourneyID>
```

```xml
                <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
            </PaxJourney>
        </PaxJourneyList>
        <PaxList>
            <Pax>
                <ContactInfoRefID>CNTCT_SH1</ContactInfoRefID>
                <Individual>
                    <GivenName>John</GivenName>
                    <Surname>Smith</Surname>
                </Individual>
                <PaxID>SH1</PaxID>
            </Pax>
        </PaxList>
        <PaxSegmentList>
            <PaxSegment>
                <Arrival>
                    <IATALocationCode>BCN</IATALocationCode>
                </Arrival>
                <Dep>
                    <AircraftScheduledDateTime>2018-12-
20T23:29:41.543+03:00</AircraftScheduledDateTime>
                    <IATALocationCode>LHR</IATALocationCode>
                </Dep>
                <MarketingCarrierInfo>
                    <CarrierDesigCode>C9</CarrierDesigCode>
                    <MarketingCarrierFlightNumberText>070</MarketingCarrierFlightNumberText>
                </MarketingCarrierInfo>
                <PaxSegmentID>SEG_LHRBCN_1</PaxSegmentID>
            </PaxSegment>
            <PaxSegment>
                <Arrival>
                    <IATALocationCode>LHR</IATALocationCode>
                </Arrival>
                <Dep>
                    <AircraftScheduledDateTime>2018-12-
29T23:29:41.543+03:00</AircraftScheduledDateTime>
                    <IATALocationCode>BCN</IATALocationCode>
                </Dep>
                <MarketingCarrierInfo>
                    <CarrierDesigCode>C9</CarrierDesigCode>
                    <MarketingCarrierFlightNumberText>071</MarketingCarrierFlightNumberText>
                </MarketingCarrierInfo>
                <PaxSegmentID>SEG_BCNLHR_1</PaxSegmentID>
            </PaxSegment>
        </PaxSegmentList>
        <ServiceDefinitionList>
            <ServiceDefinition>
                <Desc>
                    <DescText>Stay connected using any Wi-Fi enabled device</DescText>
                </Desc>
                <Name>Inflight Wi-Fi</Name>
                <ServiceCode>CON</ServiceCode>
                <ServiceDefinitionID>SV_1009_EFO</ServiceDefinitionID>
            </ServiceDefinition>
        </ServiceDefinitionList>
    </DataLists>
```

```xml
<ReportOrderChange>
  <CurrentOrder>
    <OrderID>OOR123-ABC</OrderID>
    <OrderItem>
      <OrderItemID>OOR123-ABC-1</OrderItemID>
      <Price>
        <BaseAmount CurCode="EUR">61.00</BaseAmount>
        <TaxSummary>
          <TotalTaxAmount CurCode="EUR">76.79</TotalTaxAmount>
        </TaxSummary>
        <TotalAmount CurCode="EUR">137.79</TotalAmount>
      </Price>
      <Service>
        <DeliveryProvider>
          <ID>C9</ID>
          <Name>Kronos Airways</Name>
        </DeliveryProvider>
        <DeliveryStatusCode>READY TO PROCEED</DeliveryStatusCode>
        <InternalValue>
          <BaseAmount CurCode="EUR">30.50</BaseAmount>
          <TaxSummary>
            <TotalTaxAmount CurCode="EUR">38.40</TotalTaxAmount>
          </TaxSummary>
          <TotalAmount CurCode="EUR">68.90</TotalAmount>
        </InternalValue>
        <PaxRefID>SH1</PaxRefID>
        <ServiceAssociations>
          <PaxSegmentRefID>SEG_LHRBCN_1</PaxSegmentRefID>
        </ServiceAssociations>
        <ServiceID>FL1_1_FL_LHRBCN</ServiceID>
      </Service>
      <Service>
        <DeliveryProvider>
          <ID>C9</ID>
          <Name>Kronos Airways</Name>
        </DeliveryProvider>
        <DeliveryStatusCode>READY TO PROCEED</DeliveryStatusCode>
        <InternalValue>
          <BaseAmount CurCode="EUR">30.50</BaseAmount>
          <TaxSummary>
            <TotalTaxAmount CurCode="EUR">38.39</TotalTaxAmount>
          </TaxSummary>
          <TotalAmount CurCode="EUR">68.89</TotalAmount>
        </InternalValue>
        <PaxRefID>SH1</PaxRefID>
        <ServiceAssociations>
          <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
        </ServiceAssociations>
        <ServiceID>FL1_1_FL_BCNLHR</ServiceID>
      </Service>
    </OrderItem>
    <OrderItem>
      <OrderItemID>OOR123-ABC-2</OrderItemID>
      <Price>
        <TotalAmount CurCode="EUR">12.00</TotalAmount>
      </Price>
```

```xml
                    <Service>
                      <DeliveryProvider>
                        <ID>WF</ID>
                        <Name>Wifi provider</Name>
                      </DeliveryProvider>
                      <DeliveryStatusCode>READY TO PROCEED</DeliveryStatusCode>
                      <InternalValue>
                        <TotalAmount CurCode="EUR">12.00</TotalAmount>
                      </InternalValue>
                      <PaxRefID>SH1</PaxRefID>
                      <ServiceAssociations>
                        <ServiceDefinitionRef>
                          <PaxSegmentRefID>SEG_BCNLHR_1</PaxSegmentRefID>
                          <ServiceDefinitionRefID>SV_1009_EFO</ServiceDefinitionRefID>
                        </ServiceDefinitionRef>
                      </ServiceAssociations>
                      <ServiceID>SV_1009_EFO_1</ServiceID>
                    </Service>
                  </OrderItem>
                  <OwnerCode>C9</OwnerCode>
                </CurrentOrder>
              </ReportOrderChange>
            </Request>
</IATA_OrderSalesInformationNotifRQ>
```

Overview

Purpose

Order Closing Notification (OrderClosingNotifRQ) is used to inform an Accounting System that no further updates are to be expected for an entire Order. Once an Order is closed, no further changes can be made to it. Closed Orders may, however, still be retrieved.

Order Closing Notification is the only mechanism to set an Order to "CLOSED" status. After this, no further changes may be made to an Order. Typically, an Order is only closed when all of the Services in the Order have been delivered.

Features

Message	Component	Feature	18.2	Changes
Request	Core	Accept an Order as input for Order Closing Notification	✔	-
	Filtering	Not applicable	-	-
Response	Service	Acknowledge change of a Service status	✔	-

Message Samples

Sample Order Closing Notif

The example "Order Closing" is notifying the Accounting System that the Order has been closed.

None	Copy

```xml
<IATA_OrderClosingNotifRQ
xmlns="http://www.iata.org/IATA/2015/00/2018.2/IATA_OrderClosingNotifRQ"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Party>
    <Sender>
      <MarketingCarrier>
        <AirlineDesigCode>C9</AirlineDesigCode>
      </MarketingCarrier>
    </Sender>
  </Party>
  <PayloadAttributes>
    <VersionNumber>18.2</VersionNumber>
  </PayloadAttributes>
  <Request>
    <Order>
      <OrderID>OOR123-ABC</OrderID>
    </Order>
  </Request>
</IATA_OrderClosingNotifRQ>
```

Shopping and Ordering with Deferred Payment

> **Scope of Use**
>
> Note this scenario can also be used for PADIS 17.2 and PADIS 18.1

Scenario

> "One traveller based in New York would like to buy a round-trip to Paris. He would like to get a flat-bed seat to be able to sleep, and he would also like to purchase a baggage allowance. The traveller will first get approval to travel and in this scenario, they will commit to pay after any Price Guarantee Time Limit has expired, or such guarantees were never originally made."

Business Functions

1. Request a set of Offers based on Origin, Destination and defined dates

This function allows the Seller to request from an Airline a set of Offers based on Origins, Destinations and defined dates. The Seller may provide additional qualifiers and context for which the Airline may take into account in the content of the resulting Offers.

2. Build upsell Offers based on Origin, Destination and defined dates (optional)

This function allows the Airline to build additional upsell Offers that relate to Origin, Destination and defined dates which may enhance the customer experience. The content of the resulting Offers may depend on additional qualifiers and context that may be provided by the Seller.

3. Request detailed information about an Offer

This function allows the Seller to request detailed information about an Offer, including all price breakdowns, terms & conditions, disclosure data.

4. Select Offer(s) to add to a shopping basket

iThis function allows the Seller to select Offer(s) and Offer Item(s) which they wish to progress with. This allows the Airline to refine these Offer(s) and return a single Offer.

5. Request a new Offer based on the content of existing Offer(s) and on additional qualifiers and context

This function allows the Seller to pass additional information (e.g. Frequent Flyer Info, Form of Payment etc) so that an Airline can create a new contextualised Offer.

6. Build Upsell Offer(s) based on the content of other Offer(s)

This function allows the Airline to build additional Offers that relate to a baseline Offer which may enhance the customer experience.

7. Create Order

This function is to allow the Seller to request that an Airline create an Order from a selection of Offer(s) and Offer Item(s).

8. Retrieve Order (optional)

This function allows the Seller to display the content of an Order.

9. Confirm the price of the Order Item(s) (optional)

This function is for a Seller to request that an Airline quotes and confirms the price of unpaid Order Item(s).

10. Accept Repriced Offer(s) (optional)

This function allows the Seller to accept the new prices that were returned by the Airline and which will be reflected in the Order after it is updated.

11. Add payment information into an existing Order

This function allows the Seller to add payment information into an existing Order, and optionally associate this payment information with Order Item(s).

12. Commit to the Terms of the Order

This function allows the Seller to notify the Airline that they are ready to accept the Terms of the Order / OrderItem(s).

Message Flow
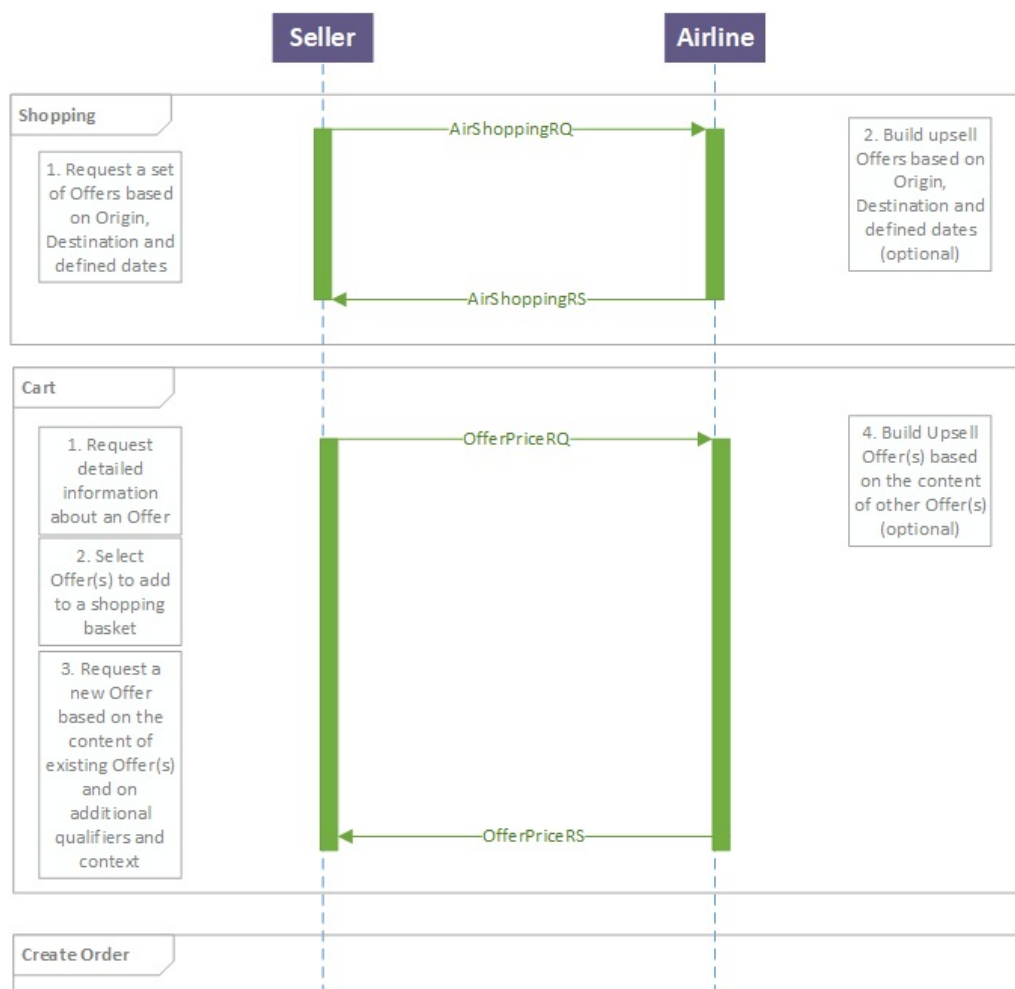
Shopping and Ordering with Instant Payment

> **Scope of Use**
>
> Note this scenario can also be used for PADIS 17.2 and PADIS 18.1

Scenario

> "One traveller (Jane Smith, with a Frequent Flyer Number) based in London is shopping for a round trip to New York. She would like to buy a baggage allowance and request a seat for her flight from London to New York. The customer will commit to pay within a known Price Guarantee Time Limit."

Business Functions

1. Request a set of Offers based on Origin, Destination and defined dates

This function allows the Seller to request from an Airline a set of Offers based on Origins, Destinations and defined dates. The Seller may provide additional qualifiers and context for which the Airline may take into account in the content of the resulting Offers.

2. Build upsell Offers based on Origin, Destination and defined dates (optional)

This function allows the Airline to build additional upsell Offers that relate to Origin, Destination and defined dates which may enhance the customer experience. The content of the resulting Offers may depend on additional qualifiers and context that may be provided by the Seller.

3. Request detailed information about an Offer

This function allows the Seller to request detailed information about an Offer, including all price breakdowns, terms & conditions, disclosure data.

4. Select Offer(s) to add to a shopping basket

This function allows the Seller to select Offer(s) and Offer Item(s) which they wish to progress with. This allows the Airline to refine these Offer(s) and return a single Offer.

5. Request a new Offer based on the content of existing Offer(s) and on additional qualifiers and context

This function allows the Seller to pass additional information (e.g. Frequent Flyer Info, Form of Payment etc) so that an Airline can create a new contextualised Offer.

6. Build Upsell Offer(s) based on the content of other Offer(s)

This function allows the Airline to build additional Offers that relate to a baseline Offer which may enhance the customer experience.

7. Request a la carte Offer(s) for ancillary services based on an existing Offer or Order

This function is to allow a Seller to request for a la carte Offer(s) for ancillary services based on an existing Offer or Order. If the Seller has included additional qualifiers or preferences, the a la carte Offers generated by the airline may take this into consideration.

8. Request a Seat Map and an a la carte Offer for seats based on an existing Offer or Order

This function is to allow a Seller to request a seat map and an a la carte Offer for seats based on an existing Offer or Order. If the Seller has included additional qualifiers or preferences, the a la carte Offer(s) generated by the airline may take this into consideration.

9. Select Offer(s) to add to a shopping basket

This function allows the Seller to select Offer(s) and Offer Item(s) which they wish to progress with. This allows the Airline to refine these Offer(s) and return a single Offer.

10. Build Upsell Offer(s) based on the content of other Offer(s)

This function allows the Airline to build additional Offers that relate to a baseline Offer which may enhance the customer experience.

11. Create Order

This function is to allow the Seller to request that an Airline create an Order from a selection of Offer(s) and Offer Item(s).

11a. Sub-Function: Add payment information as part of a new Order

This function allows the Seller to send payment information to the Airline.

11b. Sub-Function: Commit to the Terms of the Offer during 'Create Order'

This function allows the Seller to notify the Airline that they are ready to accept the Terms of the Offer / Offer Item(s).

Message Flow

Services

1. Request a la carte Offer(s) for ancillaries services based on an existing Offer or Order

ServiceListRQ →

Return Offers

ServiceListRS ←

Seats

1. Request a Seat Map and an a la carte Offer for seats based on an existing Offer or Order

SeatAvailabilityRQ →

Return Seat Map and Offers

SeatAvailabilityRS ←

Cart

1. Select Offer(s) to add to a shopping basket

OfferPriceRQ →

2. Build Upsell Offer(s) based on the content of other Offer(s) (optional)

Return Offers

OfferPriceRS ←

Create Order

1. Create Order

2. Add payment information as part of a new Order

3. Commit to the Terms of the Offer during 'Create Order'

OrderCreateRQ →

Take payment and return view of the Order

OrderViewRS ←

Full Order Cancellation

> **Scope of Use**
>
> Note this scenario can also be used for PADIS 17.2 and PADIS 18.1

Scenario

> "One traveler based in Podgorica has a paid Order to travel to London. Before the start of the journey, the traveler needs to cancel his travel plans, so he would like to cancel the existing Order and get any refundable amount back."

Business Functions

1. Retrieve Order (optional)

This function allows the Seller to display the content of an Order.

2. Request refundable amount for existing Order Item(s)

This function allows the Seller to request the refundable amount for existing Order Item(s) that the Customer wishes to cancel.

3. Cancel Order

This function allows the Seller to request cancellation of an existing Order.

Message Flow
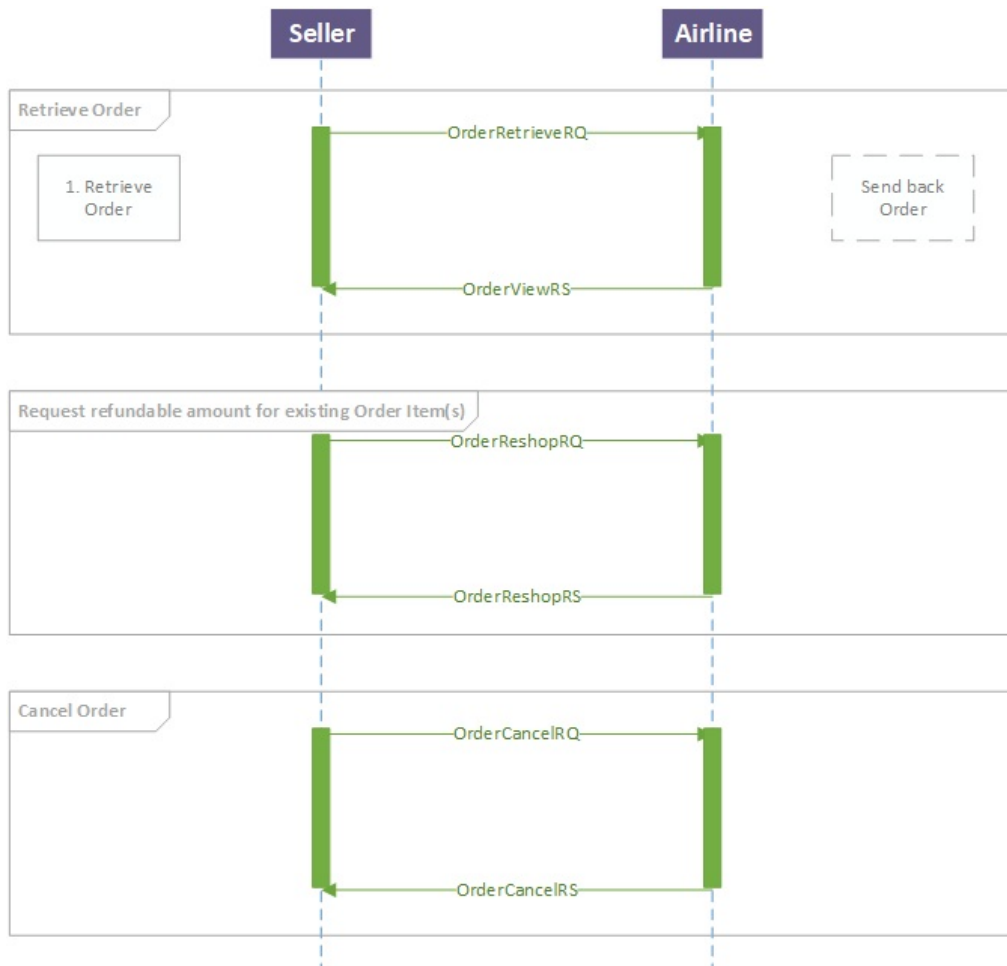
Schedule Change

> **Scope of Use**
>
> Note this scenario can also be used for PADIS 17.2 and PADIS 18.1

Scenario

> " Schedule change (flight departure time change) and no re-accommodation is necessary .
> None of the Services have been consumed. customer accepts change (no reshop)."

Business Functions

1. Notify Seller of Changes to the Order

When a schedule change happens (eg flight departure time change), this function allows the ORA to send an OrderChangeNotifRQ to the Seller and receive an Acknowledgement message in return. The ORA must notify the Seller of Schedule Changes outside of the Operational window.

Message Flow
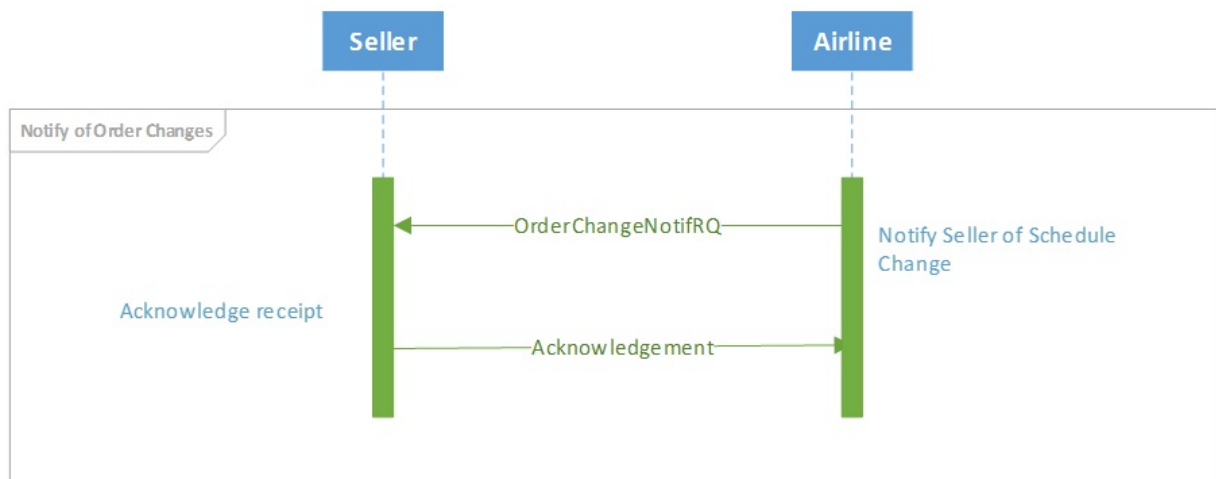
Introduction

During the delivery of flight and ancillary Services, it is key that the eligibility of a passenger for a particular Service is always up to date, as well as the status of those Services. A number of messages are used for the interactions between the Airline OMS
and the Delivery Provider, and Services can have a number of different statuses.

Service Delivery message flow:

Delivery Preparation

The delivery preparation process ensures that the Delivery Provider has all necessary information to proceed with delivery of the required Services.

Delivery Preparation:
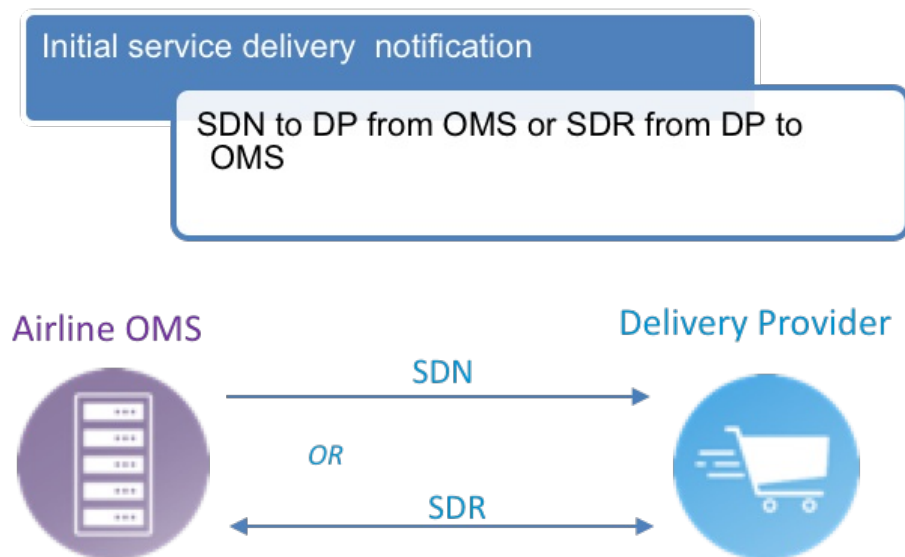
Service delivery is commenced by a Service Delivery Notification message from the Airline OMS to the Delivery Provider, or a Service Delivery Request from the Delivery Provider to the Airline. In both cases, the Delivery Provider will then initiate Service delivery, which in turn will update the status of each Service to be delivered.

Prepare Delivery – Service Delivery Notification:
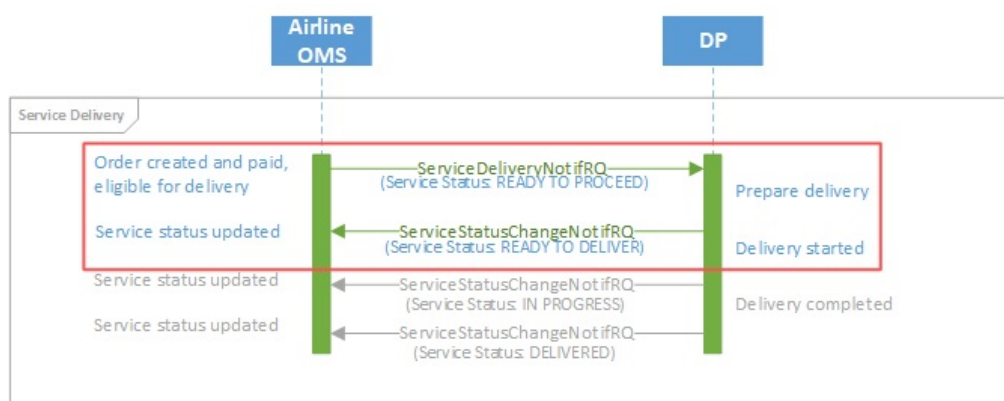
Prepare Delivery - Service Delivery Request:
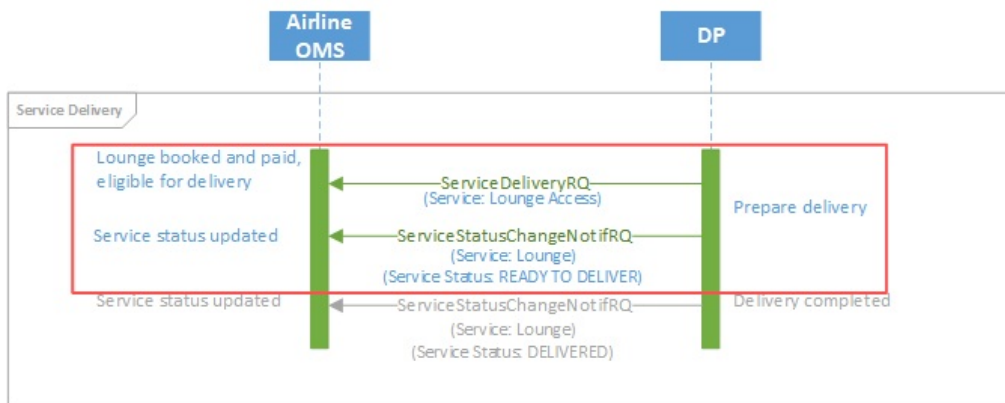
The outcome of this set of interactions should be that the Services are ready to be delivered (status "READY TO DELIVER"). In case Services are not able to be delivered for any reason, Services may be updated with a different status to indicate this. The possible statuses to be used are defined in the "Definitions" section.

Note that since there are no changes that are relevant from a financial or accounting point of view, there is no interaction between the Airline's OMS and the Accounting System. If any Service should not be able to be delivered, any interactions such as refunds would be triggered by a change to the Order items, which would in turn trigger an update to the Accounting System.

Service Delivery

> **Note**
>
> The AcknowlegmentRS message is expected as the response to any notification request message. This applies to the ServiceStatusChangeNotifRQ mentioned in this section.

During delivery of Services, the Delivery Provider needs to ensure that the delivery status is kept up to date. Any interruptions to Service delivery must be reported to the Airline's Order Management System.

Service Delivery:
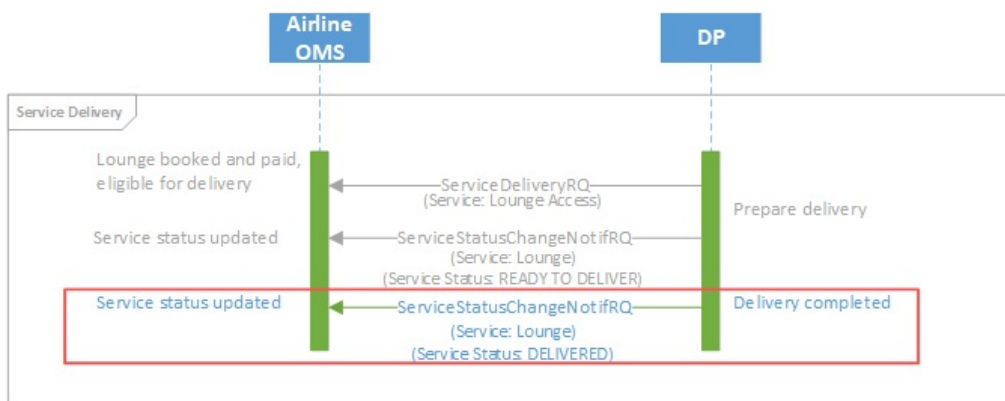
Service Delivery:
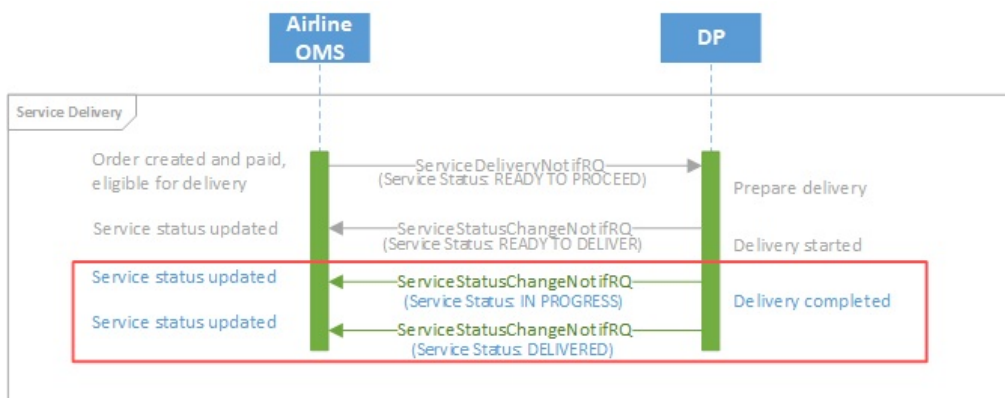
During Service delivery, the Service may have the following delivery statuses. For a complete overview of Service delivery status transitions, see the "Service" section.

Typical Service Delivery State Transition:

If the Service delivery is interrupted in any way, the Airline Order Management System can be notified of any changes using the same message flows. Similarly, any "milestone" events related to the delivery of the Service may also be communicated using the same flow, for instance to record that the passenger is at the airport, airside, at the lounge etc.

During the delivery process, the Delivery Provider may also need to retrieve information related to the Service. If this is necessary, the flow described in section "Delivery Preparation" can be used.

Update of Services During Delivery

> **Note**
>
> The AcknowlegmentRS message is expected as the response to any notification request message. This applies to the UpdateServiceNotifRQ mentioned in this section.

During the delivery process, information related to the delivery of the Service may be collected from the passenger or generated by the Delivery Provider's systems. This may include additional passenger data such as passport or visa information collected, or baggage tag numbers generated when luggage is checked in. Since the "Service Status Change Notification" request is only intended to be used for updating the status of a Service, for such cases the "Update Service Notification" request is used to update the Airline's Order Management System. For such updates, no interaction with the Accounting System is necessary. Cases such as the purchase of additional baggage at check-in would trigger updates to Orders, which would in turn trigger updates to the Airline's Accounting System once payment has been taken. Delivery processes would then relay this update to the Delivery Provider (see "Service Delivery RQ/RS" and "Service Delivery Notification RQ/RS").

Update Service details with UpdateServiceNotification:
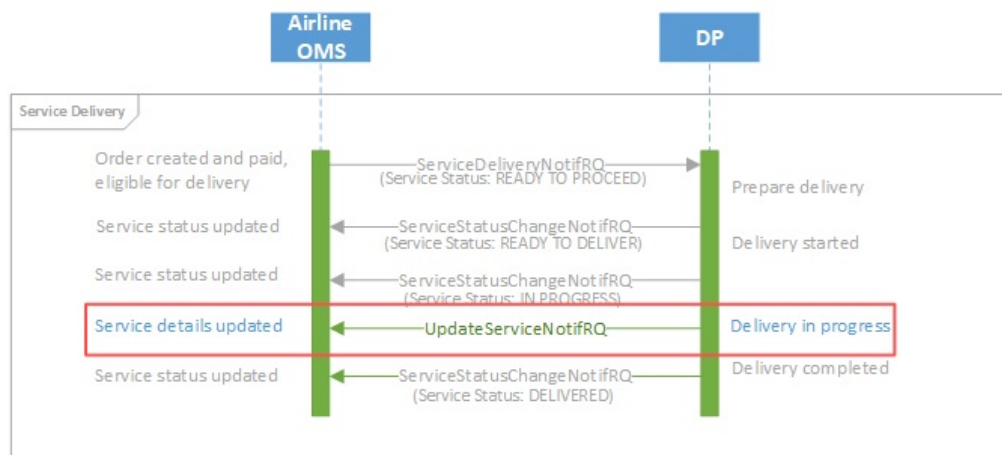
Introduction

During the Order and Delivery processes, it is important that all relevant changes are communicated to the Airline's Accounting System. This allows the necessary accounting transactions to be initiated. However, the Accounting System only needs to be informed when a financial commitment has been made and the Airline has a liability for providing a Service. This happens when payment has been received for items within an Order.

Interaction OMS to Accounting:
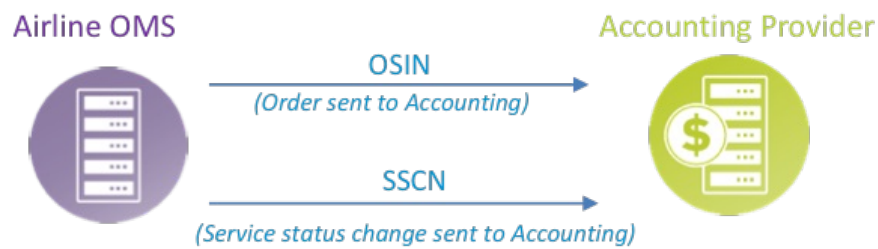
New Order Creation

During the process of Order creation, the Airline Accounting System only needs to be informed when a financial liability has been incurred. This happens when payment has been taken, and the Airline is liable for delivering a Service for which it has received funds. To inform the Airline Accounting System, the Airline OMS uses the Order Sales Notification Message ("OSIN") message.

In cases where payment is not immediate, there is an Order created but no interaction between the OMS and the Airline's Accounting System. The interaction to the Accounting System only takes place when the payment is taken, since prior to this point there has been no financial commitment.

Initial Order Notification to Accounting:
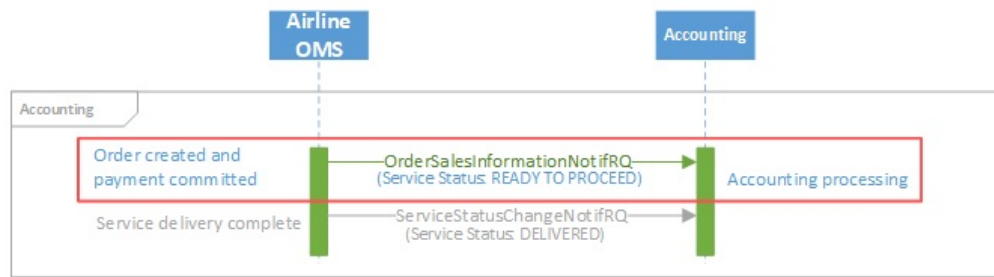
Service Consumption

As Services are consumed during the delivery process, the final delivery status (see section "Service") is reflected back to the Airline OMS by the Delivery Provider. This in turn triggers an update to the Airline's Accounting System.

Notify Final Service Status to Accounting:
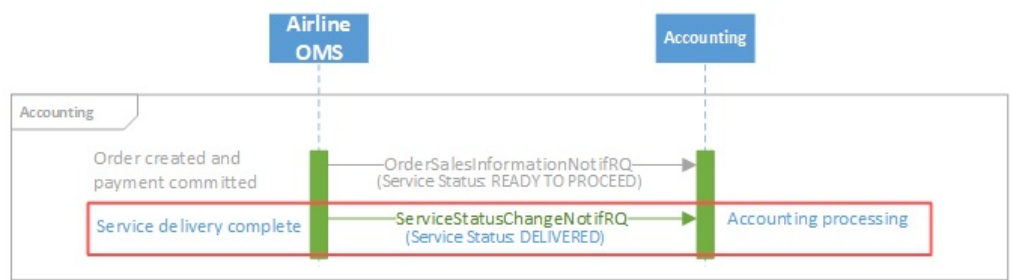
Order Closing

When all Services in an Order have been delivered (or not, depending on Service delivery), the Airline's Order Management System should notify the Accounting System that no further updates are to be expected and the Order is closed. Note that Order closing is optional, since typically accounting processes are triggered as individual Services are delivered.

Build Upsell Offers based on Origin, Destination and defined dates

Build Upsell Offers based on Origin, Destination and defined dates	
Description	This function allows the Airline to build additional upsell Offers that relate to Origin, Destination and defined dates which may enhance the customer experience. The content of the resulting Offers may depend on additional qualifiers and context that may be provided by the Seller.
Preconditions	- Seller knows the customer's wished Origins, Destinations and dates - Seller may have additional qualifiers and context (e.g. PTC, service criteria).
Process	- Seller transmits Origins, Destinations, dates, additional qualifiers and context to the Airline - The Airline's Offer Management System creates upsell Offers based on the Origins, Destinations, dates and additional qualifiers and context - The Airline returns the upsell Offers to the Seller.
Success	Seller is in possession of upsell Offers that relate to a baseline Offer.
Failure	The Airline is not able to answer to the request and no upsell Offer are returned.

Build Upsell Offer(s) based on the content of other Offer(s)

Build Upsell Offer(s) based on the content of other Offer(s)	
Description	This function allows the Airline to build additional Offers that relate to a baseline Offer which may enhance the customer experience.
Preconditions	- An Offer exists in the Airline's Offer Management System (which implies that the Offer Expiration Time Limit has not expired) - Seller knows the OfferID(s).
Process	- Seller transmits OfferID(s) - The Airline's Offer Management System creates new Offer(s) based on the existing Offer(s) which may contain additional services that may enhance the customer experience - The Airline returns the upsell Offer(s) to the Seller.
Success	Seller is in possession of upsell Offer(s) that relate to a baseline Offer.
Failure	The Airline is not able to answer to the request and no upsell Offers are returned.

Accept Repriced Offer(s)

Accept Repriced Offer(s)	
Description	This function allows the Seller to accept the new prices that were returned by the Airline and which will be reflected in the Order after it is updated.
Preconditions	- Seller has an Order ID - Seller has a Repriced Offer and knows the Response ID.
Process	- Seller sends the Shopping Response Ref ID and the Order ID - Airline deletes old Order Items and creates new Order Items with updated prices from the Repriced Offer.
Success	Order is updated.
Failure	General error.

Request a la carte Offer(s) for ancillary services based on an existing Offer or Order

Request a la carte Offer(s) for ancillary services based on an existing Offer or Order	
Description	This function allows the Seller to request for an a la carte Offer for ancillary services based on an existing Offer or Order. If the Seller has included additional qualifiers or preferences, the a la carte Offer generated by the airline may take this into consideration.
Preconditions	- There is an existing Offer or Order - The Seller knows the OfferID or OrderID - Seller may have additional qualifiers and context (e.g. passenger data such as Frequent Flyer number, payment criteria).
Process	- Seller tells the airline for which Offer or Order they would like ancillary services returned. Seller could send additional qualifiers and context to the Airline - Airline validates the request (message) for minimum information required by that airline - Airline generates a new a la carte Offer, which may consider the Seller's specific request for ancillaries - Airline responds to Seller.
Success	Seller has an a la carte Offer for ancillaries that takes into consideration additional qualifiers and context.
Failure	No a la carte Offer is returned.

Request a new Offer based on the content of an existing Offer and on additional qualifiers and context

Request a new Offer based on the content of an existing Offer and on additional qualifiers and context	
Description	This function allows the Seller to pass additional information (e.g. Frequent Flyer Info, Form of Payment, etc.) so that an Airline can create a new contextualised Offer.
Preconditions	- An Offer exists in the Airline's Offer Management System (which implies that the Offer Expiration Time Limit has not expired) - Seller knows the OfferID - Seller has additional qualifiers and context (e.g. passenger data such as Frequent Flyer number, payment criteria).
Process	- Seller transmits an OfferID, and additional qualifiers and context to the Airline - The Airline's Offer Management System creates a new Offer based on the existing Offer plus the addition of other information - The Airline returns the new Offer to the Seller.
Success	Seller is in possession of an Offer that takes into consideration additional qualifiers and context.
Failure	The Airline is not able to answer to the request and an error is returned.

Request a new Reshop Offer based on the content of an existing Reshop Offer and on additional qualifiers and context

Request a new Reshop Offer based on the content of an existing Reshop Offer and on additional qualifiers and context	
Description	This function allows the Seller to pass additional information (e.g. Frequent Flyer Info, Form of Payment, etc.) so that an Airline can create a new contextualised Reshop Offer.
Preconditions	- An Order exists in the Airline's Order Management System - Seller knows the OrderID and Order Item ID(s) being replaced (optionally, Seller has ServiceID(s) for the Services that the customer wants to keep) - A Reshop Offer exists in the Airline's Offer Management System - Seller knows the Reshop OfferID - Seller has additional qualifiers and context (e.g. passenger data such as Frequent Flyer number, payment criteria).
Process	- Seller transmits the OrderID, OrderItemID(s) being replaced, Reshop Offer ID and any additional qualifiers and context to the Airline - The Airline's Offer Management System creates a new Reshop Offer based on the existing Reshop Offer plus the addition of other information - The Airline returns the new Reshop Offer to the Seller.
Success	Seller is in possession of a Reshop Offer that takes into consideration additional qualifiers and context.
Failure	The Airline is not able to answer to the request and an error is returned.

Request a Seat Map and an a la carte Offer for seats based on an existing Offer or Order

	Request a Seat Map and an a la carte Offer for seats based on an existing Offer or Order
Description	This function allows the Seller to request a seat map and an a la carte Offer for seats based on an existing Offer or Order. If the Seller has included additional qualifiers or preferences, the a la carte Offer generated by the Airline may take this into consideration.
Preconditions	- There is an existing Offer or Order - The Seller knows the OfferID or OrderID - Seller has additional qualifiers and context (e.g. passenger data such as Frequent Flyer number, payment criteria).
Process	- Seller tells the airline for which Offer or Order they would like seat map returned. Seller could send additional qualifiers and context to the Airline - Airline validates the request (message) for minimum information required by that airline - Airline generates a seat map and a new a la carte Offer, which may consider the Seller's specific request for seats - Airline responds to Seller.
Success	Seller has a seat map and an a la carte Offer for seats that takes into consideration additional qualifiers and context.
Failure	No seat map or a la carte Offer is returned

Request a set of Offers based on Origin, Destination and defined dates

Request a set of Offers based on Origin, Destination and defined dates	
Description	This function allows the Seller to request from an Airline a set of Offers based on Origins, Destinations and defined dates. The Seller may provide additional qualifiers and context for which the Airline may consider the content of the resulting Offers.
Preconditions	- Seller knows the customer's wished Origins, Destinations and dates - Seller may have additional qualifiers and context (e.g. PTC, service criteria).
Process	- Seller transmits Origins, Destinations, dates, additional qualifiers and context to the Airline - The Airline's Offer Management System builds a set of Offers which may partially or fully match the requested criteria - The Airline returns to the Seller the set of built Offers.
Success	Seller is in possession of a set of Offers which may partially or fully match the requested criteria.
Failure	The Airline is not able to answer to the request and an error is returned.

Request a set of Reshop Offers based on Origin, Destination and/or defined dates as replacement of specific Order Item(s)

Request a set of Reshop Offers based on Origin, Destination and/or defined dates as replacement of specific Order Item(s)	
Description	This function allows the Seller to request a set of Offers as a replacement of specific Order Item(s). The request considers new Origins, Destinations and/or defined dates. The content of the resulting Reshop Offers may depend on additional qualifiers and context that may be provided by the Seller.
Preconditions	- An Order exists in the Airline's Order Management System and the Seller has the Order ID - Seller has OrderItemID(s) for the Order Items that will be impacted by the projected change (optionally, Seller has ServiceID(s) for the Services that the customer wants to keep) - Seller knows the customer's new desired Origins, Destinations and/or dates - Seller may have additional qualifiers and context (e.g. PTC, service criteria).
Process	- Seller sends to the Airline the OrderID, impacted OrderItemIDs and optionally any ServiceIDs to be kept, the new desired Origins, Destinations and/or dates, and any additional qualifiers and context - Airline creates new Reshop Offers corresponding to the search criteria and returns them to the Seller.
Success	- Airline returns to the seller a set of Reshop Offers corresponding to the requested modifications - The Reshop Offers returned can incur: Additional collection (case 13A), Refund (case 13b), No additional collection or no refund .
Failure	The Airline is not able to answer to the request and an error is returned.

Request detailed information about an Offer

Request detailed information about an Offer	
Description	This function allows the Seller to request detailed information about an Offer, including all price breakdowns, terms & conditions, disclosure data, etc.
Preconditions	- An Offer exists in the Airline's Offer Management System (which implies that the Offer Expiration Time Limit has not expired) - Seller knows the OfferID.
Process	- Seller transmits an OfferID to the Airline - The Airline returns detailed information about the Offer to the Seller, including all price breakdowns, terms & conditions, disclosure data, etc.
Success	Seller is in possession of the detailed information about the Offer.
Failure	The Airline is not able to provide details about the Order and an error is returned.

Request detailed information about a Reshop Offer

	Request detailed information about a Reshop Offer
Description	This function allows the Seller to request detailed information about a Reshop Offer, including all price breakdowns, terms & conditions, disclosure data, etc.
Preconditions	- An Order exists in the Airline's Order Management System - Seller knows the OrderID and Order Item ID(s) being replaced (optionally, Seller has ServiceID(s) for the Services that the customer wants to keep) - Reshop Offer exists in the Airline's Offer Management System (which implies that the Offer Expiration Time Limit has not expired) - Seller knows the Reshop OfferID(s).
Process	- Seller transmits the OrderID, OrderItemID(s) being replaced, Reshop OfferID to the Airline - The Airline returns detailed information about the Reshop Offer to the Seller, including all price breakdowns, terms & conditions, disclosure data, etc.
Success	Seller is in possession of the detailed information about the Reshop Offer.
Failure	The Airline is not able to provide details about the Reshop Offer and an error is returned.

Select Offer(s) to add to a shopping basket

	Select Offer(s) to add to a shopping basket
Description	This function allows the Seller to select Offer(s) and Offer Item(s) which they wish to progress with. This allows the Airline to refine these Offer(s) and return a single Offer.
Preconditions	- Offer(s) exist in the Airline's Offer Management System (which implies that the Offer Expiration Time Limit has not expired) - Seller knows the OfferID(s) - Seller knows the OfferItemID(s) that the customer has selected.
Process	- Seller transmits OfferID(s) and a selection of OfferItemIDs to the Airline - The Airline returns to Seller a single Offer based on the context of the selected Offer Item(s).
Success	Seller is in possession of an Offer which contains the selected Offer Item(s).
Failure	The Airline is not able to provide an Offer which contains the selected Offer Item(s) and an error is returned.

Select Reshop Offer(s) to add to a shopping basket

Select Reshop Offer(s) to add to a shopping basket	
Description	This function allows the Seller to select Reshop Offer(s) and Offer Item(s) which they wish to progress with. This allows the Airline to refine these Offer(s) and return a single Reshop Offer.
Preconditions	- An Order exists in the Airline's Order Management System - Seller knows the OrderID and OrderItemID(s) being replaced (optionally, Seller has ServiceID(s) for the Services that the customer wants to keep) - Reshop Offer(s) exist in the Airline's Offer Management System - Seller knows the Reshop OfferID(s) - Seller knows the OfferItemID(s) that the customer has selected.
Process	- Seller transmits the OrderID, Order Item ID(s) being replaced, Reshop OfferID(s) and Offer Item ID(s) to the airline - The Airline returns to Seller a Reshop Offer based on the context of the selected Offer Item(s).
Success	Seller is in possession of a Reshop Offer which contains the selected Offer Item(s).
Failure	The Airline is not able to provide a Reshop Offer which contains the selected Offer Item(s) and an error is returned.

Add payment information into an existing Order

Add payment information into an existing Order	
Description	This function allows the Seller to add payment information into an existing Order, and optionally associate this payment information with Order Item(s).
Preconditions	- Seller has an Order ID - Seller has Order Item IDs (optionally) - Seller has payment information.
Process	- Seller sends payment information - Airline updates Order with payment information.
Success	Order has payment information.
Failure	Order does not have payment information.

Create Order

	Create Order
Description	This function allows the Seller to request that an Airline creates an Order from a selection of Offer(s) and Offer Item(s).
Preconditions	- There is not a pre-existing Order in relation to this transaction - Seller has Offer(s) that are ready to be converted into an Order - Seller knows the selected Offer Item ID(s) - Seller has minimum required passenger data.
Process	- Seller passes to the Airline the selected Offer ID(s), Offer Item ID(s) and passenger data - Airline validates the request (message) for minimum information required by that Airline - Airline creates new Order Items from the selected Offer Items in the newly created Order - Airline responds to Seller.
Success	Order is created, inventory is held, and an Order ID is returned.
Failure	- Order is not created, error returned - Order is partially created, warning returned.

Request refundable amount for existing Order Item(s)

Request refundable amount for existing Order Item(s)	
Description	This function allows the Seller to request the refundable amount for existing Order Item(s) that the Customer wishes to cancel.
Preconditions	- An Order exists in the Airline's Order Management System - The Seller knows the Order ID - Seller has the Order Item ID(s) for the Order Items that the Customer wishes to cancel.
Process	- Seller sends to the Airline the Order Item ID(s) to be cancelled from the existing Order - Airline calculates refundable amount for each selected Order Item.
Success	Seller is in possession of a Reshop Offer containing the refundable amounts for all selected Order Item(s).
Failure	- The Airline is not able to return a Reshop Offer and an error is returned - The Airline can return a Reshop Offer containing the refundable amounts for only some of the selected Order Item(s).

Commit to the Terms of the Order

	Commit to the Terms of the Order
Description	This function allows the Seller to notify the Airline that they are ready to accept the Terms of the Order / Order Item(s).
Preconditions	- Seller has an Order ID - Seller has the Order Item IDs that they are willing to commit - Airline has payment information.
Process	- Seller sends the commit request - Airline commits the Order - Airline returns confirmation of commitment (represented in multiple ways: doc data, delivery status, payment status, etc.)
Success	The selected Order / Order Item(s) are committed.
Failure	- The selected Order / Order Item(s) are not committed - Only some of the selected Order Item(s) are committed.

Confirm the price of the Order Item(s)

Confirm the price of the Order Item(s)	
Description	This function allows the Seller to request that an Airline quotes and confirms the price of unpaid Order Item(s).
Preconditions	- Seller has an Order ID - Seller has Order Item ID(s) that it wants to be priced (optionally) - The Price Guarantee Time Limit has expired.
Process	- Seller sends to the Airline the Order ID and optionally the Order Item ID(s) to be priced, including any dependent Order Item(s) - Airline prices the Order Item(s) in the context of an Order.
Success	- Prices in the Order still valid - There is a Repriced Offer.
Failure	General error.

Cancel Order Item(s) from an existing Order

Cancel Order Item(s) from an existing Order	
Description	This function allows the Seller to request cancellation of selected Order Item(s) from an existing Order.
Preconditions	- There is an existing Order - The Seller knows the OrderID and the selected Order Item ID(s) that it's requesting to be cancelled.
Process	- Seller tells the Airline which Order Item(s) it would like to be cancelled from an existing Order - Airline validates the request (message) for minimum information required by that airline - Airline cancels the requested Order Item(s) from the existing Order - Airline responds to Seller.
Success	Airline has cancelled the requested Order Item(s) from the existing Order.
Failure	- No Order Items have been cancelled from the existing Order - Only some Order Items have been cancelled from the existing Order.

Retrieve Order

Retrieve Order	
Description	This function allows the Seller to display the content of an Order.
Preconditions	- An Order exists in the Airline's Order Management System - The Seller knows the Order ID.
Process	- Seller requests to retrieve Order from the Airline - Airline responds with the Order Information.
Success	The Order Information is returned to the Seller.
Failure	Order cannot be accessed by the Seller.

Add Payment Information as part of a New Order

Add Payment Information as part of a New Order	
Description	This function allows the Seller to send payment information to the Airline.
Dependancy	Create Order
Preconditions	- Seller has selected Offer ID(s) - Seller has selected Offer Item ID(s) (optionally) - Seller has Payment Information.
Process	- Seller sends Payment Information - Airline adds Payment Information to the Order.
Success	Order has payment information.
Failure	Order does not have payment information.

Commit to the Terms of the Offer during 'Create Order'

Commit to the Terms of the Offer during 'Create Order'	
Description	This function allows the Seller to notify the Airline that they are ready to accept the Terms of the Offer / Offer Item(s).
Dependancy	Create Order
Preconditions	- Seller has selected Offer ID(s) - Seller has the Offer Item ID's that they are willing to commit - Airline has payment information.
Process	- Seller sends the commit request - Airline commits the resulting Order Items in the Order being created - Airline returns confirmation of commitment (represented in multiple ways: doc data, delivery status, payment status, etc.).
Success	The resulting Order / Order Item(s) are committed.
Failure	- The resulting Order / Order Item(s) are not committed - Only some of the resulting Order Item(s) are committed.

Request Offer Item(s) to be added to an existing Order

	Request Offer Item(s) to be added to an existing Order
Description	This function allows the Seller to request that Offer Item(s) be converted into Order Item(s) within an existing Order.
Preconditions	- An Order exists in the Airline's Order Management System - Seller knows the OrderID - There are new Offer(s) containing Offer Items which the Seller wishes to convert into Order Items in an existing Order.
Process	- Seller tells the airline which Offer Items they would like to convert into Order Items in an existing Order - Airline validates the request (message) for minimum information required by that airline - Airline creates new Order Items from the selected Offer Items in the existing Order - Airline responds to Seller.
Success	Airline has added new Order Items in an existing Order that reflects the Seller's selected Offer Items.
Failure	- No Offer Items are converted into Order Items within the existing Order - Only some Offer Items are converted into Order Items within the existing Order.

Cancel Order

	Cancel Order	
Description	This function allows the Seller to request cancellation of an existing Order.	
Preconditions	• There is an existing Order • The Seller knows the OrderID that it's requesting to be cancelled.	
Process	• Seller tells the Airline which Order it would like to be cancelled • Airline validates the request (message) for minimum information required by that airline. • Airline cancels the requested Order • If applicable, airline processes actions on accountable documents • Airline responds to Seller.	
Success	• Airline has cancelled the requested Order and if applicable, updated accountable documents.	
Failure	• The order has not been cancelled and / or if applicable the airline has not processed actions on accountable documents.	

List of Service SSRs

This page contains the SSR's which have been identified as a service and will be documented within this section.

SSR	SSR name	Request Context	Response Context	Service Categorisation Structure
AOXY	Airline Supplied Oxygen	Passenger Preference	Service	Medical
AVIH	Animal in Hold	Passenger Preference	Service	Baggage
AVML	Vegetarian Hindu meal	Passenger Preference	Service	Meal
BBML	Baby meal	Passenger Preference	Service	Meal
BIKE	Bicycle	Passenger Preference	Service	Baggage
BLML	Bland meal	Passenger Preference	Service	Meal
BLND	Blind Passenger	Passenger Info	Service	Passenger
BSCT	Bassinet/carrycot/baby basket	Passenger Preference	Service	Seat
BULK	Bulky Baggage	Passenger Preference	Service	Baggage
CBBG	Cabin Baggage	Passenger Preference	Service	Baggage
CHML	Child meal	Passenger Preference	Service	Meal
COUR	Courier	Passenger Preference	Service	Baggage
DBML	Diabetic meal	Passenger Preference	Service	Meal
DEAF	Deaf Passenger	Passenger Info	Service	Passenger
DPNA	Disabled passenger with intellectual or developmental disability needing assistance	Passenger Info	Service	Passenger
ESAN	Passenger with Emotional Support/Psychiatric Assistance Animal in Cabin	Passenger Preference	Service	Baggage
EXST	Extra seat	Passenger Preference	Service	Seat
FPML	Fruit Platter meal	Passenger Preference	Service	Meal
FRAG	Fragile Baggage	Passenger Preference	Service	Baggage
FQTU	Frequent traveler requesting redemption for upgrade at the same time as obtaining accrual	Passenger Preference	Offer	Loyalty
GFML	Gluten intolerant	Passenger Preference	Service	Meal

HNML	Hindu meal	Passenger Preference	Service	Meal
KSML	Kosher meal	Passenger Preference	Service	Meal
LCML	Low calorie meal	Passenger Preference	Service	Meal
LFML	Low fat meal	Passenger Preference	Service	Meal
LSML	Low salt meal	Passenger Preference	Service	Meal
MAAS	Meet and assist	Passenger Preference	Service	Other
MEQT	Medical Equipment	Passenger Info	Service	Medical
MOML	Moslem meal	Passenger Preference	Service	Meal
NLML	Low lactose meal	Passenger Preference	Service	Meal
NOML	No meal	Passenger Preference	Service	Meal
PDBG	Prepaid baggage (chargeable)	Passenger Preference	Service	Baggage
PDCO	Carbon Offset (chargeable)	Passenger Preference	Service	TBC
PDFF	Frequent Flyer (chargeable)	Passenger Preference	Service	Passenger
PDIE	In-Flight Entertainment (chargeable)	Passenger Preference	Service	IFE
PDLG	Lounge (chargeable)	Passenger Preference	Service	Lounge
PDML	Meal/beverage (chargeable)	Passenger Preference	Service	Meal
PDPT	Pets (chargeable)	Passenger Preference	Service	Baggage
PDRO	Rule override (chargeable)	Passenger Preference	Service	TBC
PDSB	Standby (chargeable)	Passenger Preference	Service	TBC
PDST	Store (chargeable)	Passenger Preference	Service	TBC
PDUG	Upgrades (chargeable)	Passenger Preference	Service	Loyalty
PDUM	Unaccompanied Minor (Chargeable)	Passenger Info	Offer	PDUM
PETC	Animal in Cabin	Passenger Preference	Service	Baggage
POXY	Passenger Own Oxygen	Passenger Preference	Service	Medical
PPOC	Personal Portable Oxygen Concentrator	Passenger Preference	Service	Medical
RVML	Vegetarian raw meal	Passenger Preference	Service	Meal
SFML	Seafood meal	Passenger Preference	Service	Meal

SEAT	Seat Request	Passenger Preference	Service	Seat
SPML	Special meal	Passenger Info	Service	Meal
STCR	Stretcher Passenger	Passenger Preference	Service	Medical
SVAN	Passenger with Service Animal in Cabin	Passenger Info	Service	Baggage
UMNR	Unaccompanied minor	Passenger Info	Service	Other
VGML	Vegetarian vegan meal	Passenger Preference	Service	Meal
VJML	Vegetarian Jain meal	Passenger Preference	Service	Meal
VLML	Vegetarian lacto-ovo meal	Passenger Preference	Service	Meal
VOML	Vegetarian oriental meal	Passenger Info	Service	Meal
WCBD	Wheelchair - Non-spillable battery	Passenger Info	Service	Medical
WCBW	Wheelchair - Wet cell battery	Passenger Info	Service	Medical
WCHC	Wheelchair - C for Cabin (Passenger totally immobile)	Passenger Info	Service	Medical
WCHR	Wheelchair - R for Ramp (Passenger can ascend/descend steps and make own way to/from cabin seat but requires wheelchair for distance to/from aircraft)	Passenger Info	Service	Medical
WCHS	Wheelchair - S for Stairs (Passenger cannot ascend/descend steps, but is able to make own way to/from cabin seat)	Passenger Info	Service	Medical
WCLB	Wheelchair - Lithium ion battery	Passenger Info	Service	Medical
WCMP	Wheelchair - Manual power	Passenger Info	Service	Medical
WCOB	On-board Wheelchair (provided by airline)	Passenger Preference	Service	Medical
WEAP	Weapon	Passenger Preference	Service	Baggage
XBAG	Excess baggage	Passenger Preference	Service	

AOXY

Business Function

Used to communicate to the Seller (ORA) that Oxygen is available for a specific flight

Type

- Service

SSR Example

None	Copy

```
SSR AOXY LH KK1 FRAKUL0782C10OCT-1HILTON/OLAMRS.LH MEDA RQST PENDING AUTHORIZATION
```

Enhanced Distribution Mapping

Within enhanced distribution, this information will be represented by a Service for that specific flight segment. If the oxygen is not confirmed at time of order creation, the Service Item can be updated (confirmed) at a later stage which the Seller being advised via OrderViewRS or OrderChangeNotif. However there is no structure available in schema to request Oxygen, there is a need to create a secondary confirmation by the DP of oxygen for a specific flight

Not currently supported in Enhanced Distribution. If you have a requirement for this SSR, please email **standards@iata.org**.

List of Information SSRs

This page contains the SSR's which have been identified as an information and will be documented within this section. Some SSRs are not currently supported by the Enhanced Distribution.

SSR	SSR Name	Request Context	Response Context
ACKI	Automated Check-In	N/A Airline Process	Order Info
CHLD	Child	Passenger Info	Offer
CLID	Client Identification	Passenger Info	Order Info
CRUZ	Cruise Passenger	Passenger Info	Offer
CTCE	Passenger contact information e-mail address	Passenger Info	Order Info
CTCM	Passenger contact information mobile phone number	Passenger Info	Order Info
CTCR	Passenger contact information refused	N/A	N/A
DCRW	Crew Booking	Passenger Info	Offer
DEPA	Deportee—accompanied by an escort	Passenger Info	Offer
DEPU	Deportee—unaccompanied	Passenger Info	Offer
DOCA	API—Passenger Address Information	Passenger Info	Offer Info
DOCO	API—Passenger Other Supplementary Information	Passenger Info	Offer Info
DOCS	API—Passenger Travel Document	Passenger Info	Offer Info
EPAY	Electronic Payment Authorisation	Payment Info	Payment Info
FOID	Form of Identification	Passenger Info	Order Info
FQTR	Frequent traveller award redemption journey	Passenger Info	Offer
FQTS	Frequent traveller service benefit information	Passenger Preference	Offer
FQTV	Frequent traveller mileage program information	Passenger Info	Order Info
GPST	Group Seat Request	Passenger Info	Offer
GRPS	Passenger travelling together over one or more segments utilising a common identity assigned by the booking Member	Passenger Info	Offer
GSTA	Goods and Services Tax Business Address	Passenger Info	Offer
GSTE	Goods and Services Tax Business E-mail	Passenger Info	Offer
GSTN	Goods and Services Tax Number	Passenger Info	Offer

Code	Description	Category	Type
GSTP	Goods and Services Tax Business Phone Number(s)	Passenger Info	Offer
HRIC	Human Remains in Cabin	Passenger Info	Advice
INAD	Inadmissible Passenger	Passenger Info	Offer
INFT	Infant	Passenger Info	Offer
LANG	Specify language(s) spoken	Passenger Info	Offer
NRSB	Non-Revenue Standby Passenger	Passenger Preference	Offer
PCTC	Passenger emergency contact information	Passenger Info	Order Info
RFTV	Reason for Travel	Passenger Info	Order Info
SEAT	Pre-reserved seat requested	Passenger Preference	Offer
SEMN	Ship's Crew—Seamen	Passenger Info	Offer
SLPR	Berth/Bed in the cabin but excludes stretcher	Passenger Preference	Offer
TKTL	Ticketing Time Limit	N/A	Advice
TLAC	Time Limit Auto Cancel Exemption	N/A	Advice
TWOV	Transit/transfer without Visa	Passenger Info	

ACKI

Business Function

Automated check-in is a service provided by the Member where a passenger will automatically be checked in after the flight enters the check-in window. It is recommended to assign a seat in advance if possible. If no seat was selected, a seat may be assigned during the check-in process. The passenger may have the opportunity to change his seat before departure. After the check-in process the boarding pass is sent to the passenger. There are two options for receiving the boarding pass; the Member will send the boarding pass to either an e-mail address or mobile phone number.

If the boarding pass needs to be sent to an e-mail address, the following formats can be requested:

1. PDF File
2. Mobile Boarding Pass
3. Mobile Boarding Pass pushed to the airline's App.

If the boarding pass needs to be sent to a mobile phone number, the following formats can be requested:

1. Mobile Boarding Pass
2. Mobile Boarding Pass pushed to the airline's App.

The preferred delivery method, either e-mail or mobile device, is specified in the request. The standard of delivering the boarding pass is the presence of the SSR CTCE or CTCM.

The SSR ACKI is used to request automated check-in. The formatted free text of this SSR contains the preferred delivery method as well as the format of the boarding pass.

Type

- Service
- Passenger Information

SSR Example

None	Copy
SSR ACKI US NN1 PHLLAX0797F14FEB.CTCM/MBP	

None	Copy
SSR ACKI US NN1 LAXPHL0796F21FEB.CTCM/MBP	

SSR Structure

	Components	Number and Type of Characters	Examples
(a)	Element Identifier SSR	3a	SSR
(b)	SSR Element Code	4a	ACKI

(c)	Airline Designator (3 character codes are preceded by an oblique)	2an or 3a	US or /USA
(d)	Action Code	2a	NN
(e)	Number of services (without leading zeros)	1n	1
(f)	Departure Airport	3a	PHL
(g)	Arrival Airport	3a	LAX
(h)	Flight number (with leading zeros)	4n	797
(i)	RBD	1a	F
(j)	Date	2n 3a	14-Feb
(k)	If applicable, Name Element, preceded by a hyphen	Refer to Name Element paragraph	-1PURVIS/DERYLMRS
(l)	Boarding pass delivery preference preceded by a period (mandatory)	4a	.CTCM or .CTCE
(m)	Boarding pass format preference preceded by an oblique (mandatory)	3a	/MBP
	In conjunction with CTCE: PDF- PDF File MBP-Mobile boarding pass APP-Mobile boarding pass pushed to App.		
	In conjunction with CTCM: MBP-Mobile boarding pass APP-Mobile boarding pass pushed to App.		

Mapping in Enhanced Distribution

Partially Supported.

A Service can be used to offer automated check-in to the passenger as a preference. However the collection of their boarding pass preferences has not currently been modelled.

If you require this please contact **standards@iata.org** to add this to the enhanced distribution messages.

CHLD

Business Function

To advise that the Passenger is a child.

Assumptions

- N/A

Type

- Passenger Information

SSR Example

None	Copy
SSR CHLD KL HK1/05JAN01-1GATINET/MATTHIEU MSTR	

None	Copy
SSR CHLD QF HK1/03JAN98-1VANSTAEN/GUILHERME MSTR	

SSR Structure

	Components	Number and Type of Characters	Example
(a)	Supplementary Identifier (Mandatory)	3a	SSR
(b)	Special Service Requirement Code (Mandatory)	4a	CHLD
(c)	Airline Designator (Mandatory)	2an or 3a	A4, QF or ABC
(d)	Action/Status/Advice Code (Mandatory)	2a	HK
(e)	Number in Party (1) for this SSR (Mandatory)	1n	1
(f)	Separator (Mandatory, if date of birth follows)	Oblique	/
(g)	Date of Birth (ddmmmyy) (Optional)	2n 3a 2n	05-Jan-01
(h)	Hyphen (Mandatory, if associated name follows)	hyphen	—
(i)	PNR Associated Name including Number in party		1ALLEYNE/JENNIFER

Mapping in Enhanced Distribution

XPath: IATA_OrderCreateRQ/Request/DataLists/PaxList/Pax/PTC **XPath:** IATA_OrderCreateRQ/Request/DataLists/PaxList/Pax/AgeMeasure

CLID

Business Function

Used to store the Client Identification Number.

Assumptions

- CLID is used by the airlines to send a unique ID assigned to a corporation so that employees of that corporation can receive the negotiated private fare or service.

Type

- Passenger Information

SSR Example

None	Copy

```
SSR CLID KL HK/ABC000NL.GOLD-1SMIT/BRIAN
```

SSR Structure

	Components	Number and Type of Characters	Mandatory or Optional	Examples
(a)	Element Identifier SSR	3a	Mandatory	SSR
(b)	SSR Element Code	4a	Mandatory	CLID
(c)	Airline Designator (3 character codes are preceded by an oblique) (YY not permitted)	2an or 3a	Mandatory	KL
(d)	Status code followed by an oblique (/)	2a	Mandatory	HK/
(e)	Fixed Text	Max. 25an	Mandatory	ABC000NL
(f)	Tier level preceded by a period	Alpha or numeric	Optional	.GOLD
(g)	If applicable, Name Element, preceded by a hyphen	Refer to Name Element paragraph	Mandatory	-1SURNAME/NAME

Mapping in Enhanced Distribution

XPath: IATA_OrderCreateRQ/Party/Participant/Corporation/CorporateID

CRUZ

Business Function

Used to identify that the passenger is a Cruise Passenger (either connecting from or connecting to a Cruise)

Type

- Passenger Information

SSR Example

None	Copy
SSR CRUZ DL HK/ATLMIA1125Y09MAY.CARNIVAL CRUISE	

Mapping in Enhanced Distribution

XPath: OrderCreateRQ/Request/DataLists/PaxList/Pax/PTC

CTCE

Business Function

To transmit and store the passengers email address within the Order.

Type

- Passenger Information

SSR Example

None	Copy

```
SSR CTCE LH HK1/C.CULLINANE//FREEWEB./INC.COM-1CULLINANE/CARRIMRS
```

None	Copy

```
SSR CTCE LH HK1/MICHELLE..DIVA//NOBILTY.ORG/DE-1DIVA/MICHELLEMRS
```

SSR Structure

Due to the limited character set within EDIFACT the below table describes the mapping to parse the email from EDIFACT to and XML friendly email address.

Use // (double slash) in place of @ (at sign), use ".." (double dot) in place of "_" (underscored) and use "./" (dot slash) where a–(dash) is needed in E-mail address.

Source Text	Transform to
//	@
..	_
./	-

Mapping in Enhanced Distribution

Mapping of the Passengers email shall go into the EmailAddress Element of the ContactInfo Object and linked to the Pax Object:

Email
XPath: IATA_OrderCreateRQ/Request/DataLists/ContactInfoList/ContactInfo/EmailAddress

Passenger
XPath: IATA_OrderCreateRQ/Request/DataLists/PaxList/Pax

CTCM

Business Function

To transmit and store the passengers telephone number within the Order.

Type

- Passenger Information

SSR Example

None	Copy
`SSR CTCM LH HK1/12021234567-1CULLINANE/CARRIMRS`	

None	Copy
`SSR CTCM LH HK1/496987654321/DE-1DIVA/MICHELLEMRS`	

Mapping in Enhanced Distribution

Mapping of the Passengers Telephone number shall go into the Phone Element of the ContactInfo Object and linked to the Pax Object:

Phone
XPath: IATA_OrderCreateRQ/Request/DataLists/ContactInfoList/ContactInfo/Phone

Passenger
XPath: IATA_OrderCreateRQ/Request/DataLists/PaxList/Pax

CTCR

Business Function

To provide advice from the Seller to the Airline advising the passenger has declined to provide contact information.

Type

- Passenger Information

SSR Example

None	Copy
`SSR CTCR BA HK1/REFUSED`	

SSR Structure

- SSR CTCR AirlineCode StatusCode "REFUSED"

Mapping in Enhanced Distribution

This does not map to Enhanced Distribution, if not details are provided this will evident in the XML message. The Airline will determine via message validation if the information provided is sufficient or not.

DCRW

Business Function

Used to identify crew bookings on partner bookings (as bilaterally agreed).

Type

- Passenger Information

Assumption

- SSR does not need to relate to the specific segment, but to the Order

SSR Example

None	Copy
SSR DCRW DL HK1 DTWSLC1173Y10AUG-1CREW/ONE	

Mapping in Enhanced Distribution

XPath: OrderCreateRQ/Request/DataLists/PaxList/Pax/PTC

DEPA

Business Function

To advise that passenger is a deportee travelling accompanied with an escort.

Type

- Passenger Information

Assumptions

- N/A

SSR Example

None	Copy
SSR DEPA	

SSR Structure

- Not documented in AIRIMP.

Mapping in Enhanced Distribution

XPath: OrderCreateRQ/Request/DataLists/PaxList/Pax/PTC

The use of PTC is a possible solution. Not specifically supported in Enhanced Distribution. If you have a requirement for this SSR, please email **standards@iata.org**.

DEPU

Business Function

To advise that passenger is an unaccompanied deportee.

Type

- Passenger Information

Assumptions

- N/A

SSR Example

None	Copy
SSR DEPU	

SSR Structure

- No documented in AIRIMP

Mapping in Enhanced Distribution

XPath: OrderCreateRQ/Request/DataLists/PaxList/Pax/PTC

The use of PTC is a possible solution. Not specifically supported in Enhanced Distribution. If you have a requirement for this SSR, please email **standards@iata.org**

DOCA

Business Function

This SSR is used to transmit and store Advanced Passenger Information Address which is sometimes required by the departure or arrival authorities.

Assumptions

- N/A

Type

- Passenger Information

SSR Example

A passenger's residence address is 1600 Smith Street, Houston, Texas 77001, United States of America:

None	Copy

```
SSR DOCA CO HK1MADLHR0455Y28JUN/R/US/1600 SMITH STREET/HOUSTON/TX/
SSR DOCA CO ///77001
```

SSR Structure

	Components	Number and Type of Characters	Examples
(a)	Supplementary Identifier	3a	SSR
(b)	Special Service Requirement Code	4a	DOCA
(c)	Airline Designator	2an or 3a	CO or /ABB
(d)	Status Code	2a	HK
(e)	Number in Party for this SSR	1-3n	1
(f)	Segment: The segment and flight data must be the same as shown in a segment element		
	(i) Boarding Point	3a	LHR
	(ii) De-planing Point	3a	JFK
	(iii) Flight Number	4n	234
	(iv) Class of Service	1a	F
	(v) Date (DDMMM)	5an	03-Oct
(g)	Type of Address	1a	/R
	D = destination, R = residence		
(h)	Country	1-3a	/USA
(i)	Address Details	Max. 35an	/1600 SMITH STREET
(j)	City	Max. 35a	/HOUSTON
(k)	State/Province/County	Max. 35a	/TX
(l)	Zip Code/Postal Code	17an	/77001

(m)	Infant Indicator		1a	/I
	I = Infant (if an infant not occupying seat)			
(n)	Name Information			
	(If the address information does not apply to all passengers in the PNR, follow with a hyphen and passenger name field for whom the element applies.)			
	(i) Hyphen (-)		Hyphen	-
	(ii) PNR Associated Name Including number in party			1STEVENSON/ JOHNMR

Mapping in Enhanced Distribution

XPath: OrderCreateRQ/Request/DataLists/ContactInfoList/ContactInfo

DOCO

Business Function

This SSR is used to transmit and store supplementary information of Advanced Passenger Information which is sometimes required by the departure or arrival authorities.

Assumptions

- N/A

Type

- Passenger Information

SSR Example

- A passenger requiring two Visa documents for this PNR:

None	Copy

```
SSR DOCO BA HK1MADLHR0455Y28JUN//V/9891404/LONDON/14MAR03/
SSR DOCO BA ///US-1STEVENSON/JOHNMR
```

None	Copy

```
SSR DOCO BA HK1MADLHR0455Y28JUN//V/586D4FF/WASHINGTON/23AUG01/
SSR DOCO BA ///GB-1STEVENSON/JOHNMR
```

- A passenger supplies a United States Redress number for this PNR:

None	Copy

```
SSR DOCO AA HK1JFKLAX0001Y28JUN//R/1234567890123///US
SSR DOCO AA ///-1CADE/BOBBI
```

SSR Structure

	Components	Number and Type of Characters	Examples
(a)	Supplementary Identifier	3a	SSR
(b)	Special Service Requirement Code	4a	DOCO
(c)	Airline Designator	2an or 3a	AA or /ABC
(d)	Status Code	2a	HK
(e)	Number in Party for this SSR	1-3n	1
(f)	Segment: The segment and flight data must be the same as shown in a segment element		
	(i) Boarding Point	3a	LHR
	(ii) De-planing Point	3a	JFK
	(iii) Flight Number	4n	234

	(iv) Class of Service	1a	F
	(v) Date (DDMMM)	5an	03-Oct
(g)	Place of Birth	Max. 35a	/AMBER HILL GBR
(h)	Supplementary Travel Information Type	1a	/V
	Visa Number ... V		
	Redress Number ... R		
	Known Traveler Number ... K		
(i)	Supplementary Travel Information Number	Max. 25an	/9891404
(j)	Place of Issue	Max. 35a	/LONDON
(k)	Issue Date	7an	/14MAR03
	DDMMMYY		
(l)	Country/State for which the Supplementary Travel Information is applicable	1-3a	/USA
(m)	Infant Indicator	1a	/I
	I = Infant (if an infant not occupying seat)		
(n)	Name Information		
	(If the address information does not apply to all passengers in the PNR, follow with a hyphen and passenger name field for whom the element applies.)		
	(i) Hyphen (-)	Hyphen	-
	(ii) PNR Associated Name Including number in party		1STEVENSON/ JOHNMR

Mapping in Enhanced Distribution

XPath: OrderCreateRQ/Request/DataLists/PaxList/Pax/IdentityDoc

DOCS

Business Function

This SSR is used to transmit and store Advanced Passenger Information is sometimes required by the departure or arrival authorities.

Assumptions

- N/A

Type

- Passenger Information

SSR Example

Mr. John Stevenson is travelling with an American identity card number A23145890 and a Singaporean Passport number S78654091.

Note: These example have been split into two lines as the first line exceeds the maximum limit of 69 characters.

None	Copy

```
SSR DOCS BA HK1MADLHR0455Y28JUN/P/SGP/S78654091/SGP/12JUL64/M/23OCT05/
SSR DOCS BA ///STEVENSON/JOHN/RICHARD-1STEVENSON/JOHNMR
SSR DOCS BA HK1LHRLAX0269Y01JUL/C/US/A23145890/SG/12JUL64/M/12JUL04/
SSR DOCS BA ///STEVENSON/JOHN/RICHARD-1STEVENSON/JOHNMR
SSR DOCS BA HK1LAXAKL7302Y03JUL/P/SGP/S78654091/SGP/12JUL64/M/23OCT05/
SSR DOCS BA ///STEVENSON/JOHN/RICHARD-1STEVENSON/JOHNMR
```

SSR Structure

	Components	Number and Type of Characters	Examples
(a)	Supplementary Identifier	3a	SSR
(b)	Special Service Requirement Code	4a	DOCS
(c)	Airline Designator	2an or 3a	AA or /ABC
(d)	Status Code	2a	HK
(e)	Number in Party for this SSR	1n	1
(f)	Segment: The segment and flight data must be the same as shown in a segment element		
	(i) Boarding Point	3a	LHR
	(ii) De-planing Point	3a	JFK
	(iii) Flight Number	4n	234
	(iv) Class of Service	1a	F
	(v) Date (DDMMM)	5an	03-Oct

(g)	Travel Document Type	1-2a	/I
	Approved non-standard identity documents used for travel (as defined by the issuing Country/State) ... F		
	Identity Card (as defined by the issuing Country/State) ... A		
	Identity Card (as defined by the issuing Country/State) ... C		
	Identity Card (as defined by the issuing Country/State) ... I		
	Military ID ... M		
	Passport Card ... IP		
	Passenger Passport ... P		
(h)	Travel Document Issuing Country/State	1-3a	/USA
(i)	Travel Document Number	Max. 15an	/D23145890
(j)	Passenger Nationality	1-3a	/USA
(k)	Date of Birth	7an	/12JUL64
	DDMMMYY		
(l)	Gender of Passenger	1-2a	/M
	F = female, M = male, FI = female infant, MI = male infant and		
	U = Undisclosed Gender		
(m)	Travel Document Expiry Date ((1))DDMMMYY	7an	/12JUL04
(n)	Travel Document Surname ((1))	Max. 30a	/STEVENSON
(o)	Travel Document First Given Name ((1))	Max. 30a	/JOHN
(p)	Travel Document Second Given Name ((1))	Max. 30a	/RICHARD
(q)	If multi-passenger passport and this SSR is for the primary passport holder, include the letter (H)	1a	/H
(r)	Name Information		
	(If the primary travel document information does not apply to all passengers in the PNR, follow with a hyphen and passenger name field for whom the element applies.)		
	(i) Hyphen (-)	Hyphen	-
	(ii) PNR Associated Name Including number in party		1STEVENSON/ JOHNMR

(1) As it appears on the official travel document, including only alpha characters and spaces.

Mapping in Enhanced Distribution

XPath: OrderCreateRQ/Request/DataLists/PaxList/Pax/IdentityDoc

EPAY

Business Function

EPAY SSR used to transmit and store payment information such as Credit Card or Voucher Information etc.

Assumptions

- N/A

Type

- Payment Information

SSR Example

None	Copy
SSR EPAY TF NN1 AP/123456789	

None	Copy
SSR EPAY TF NN1 AP/123456789-1JONES/MARYMRS.PROMOTION	

None	Copy
SSR EPAY TF NN3 VP/AB12345QC-3FULLER/ABBYMRS/BOBMR/JONATHANMSTR	

SSR Structure

	Components	Number and Type of Characters	Examples
(a)	Supplementary Identifier		SSR
(b)	Special Service Requirement Code		EPAY
(c)	Action Identifier—airline participating in service		TF
(d)	Action code followed by number in party for this SSR		NN1
(e)	Payment type	2an	AP
		Valid payment types are:	
		AP—Account payment;	
		AC—Airline card;	
		CC—Credit card;	
		CP—Coupon payment;	
		VP—Voucher payment.	
(f)	Payment reference		/123456789
(g)	Name (optionally) if not for all passengers (preceded by hyphen)		-1JONES/MARYMRS

(h)	Free text (preceded by period)		.FREE TEXT

Mapping in Enhanced Distribution

Information such as Credit card, vouchers etc will be transmitted via the below XPath and can be mapped to the SSR EPAY if required.

XPath: OrderCreateRQ/Request/PaymentInfo

FOID

Business Function

Used to define the Form of ID of passenger check-in identification.

Assumptions

- N/A

Type

- Passenger Identification Form

SSR Example

The two-character code for type of ID is a two-character alpha code that includes:

- CC (credit card);
- DL (driver's license);
- FF (frequent flyer);
- PP (passport);
- NI (national identity);
- CN (confirmation number or Record Locator);
- TN (ticket number);
- ID (locally defined ID number).

Notification that passport will be used as form of identification for Passenger Check-in Identification:

None	Copy
SSR FOID LH HK1/PP-1JOHNSON/GAYLE	

Notification that a photo Texas (TX) driver's license, with number specified, will be used as Form of Identification for Passenger Check-in Identification:

None	Copy
SSR FOID LH HK1/DLTX9P123ABC456-1KAYOUM/CARYMRS	

Notification that Frequent Traveller Card will be used as Form of Identification for Passenger Check-in Identification:

None	Copy
SSR FOID LH HK1/ FF LH 992222901234561-1SEXTON/AMY	

Notification that a truncated Diners Club Credit Card number will be used as Form of Identification for Passenger Check-in Identification.

```
MUCRM1A
.SWIRM1G
SWI1G QWERTY/ABC/57256802/STO/1G/T/SE
1SUNDSFJORD/YNGVAR
SK0909Y10JUN CPHEWR HK1
SK0910Y20JUN EWRCPH HK1
SSR FOID SK HK1/ CC DC
361412XXXX3434-1SUNDSFJORD/YNGVAR
```

Notification that a truncated Credit Card number will be used as a form of identification at check-in for two passengers travelling together.

```
UCRM1A
.SWIRM1G
SWI1G QWERTY/ABC/57256802/STO/1G/T/SE
1ALLEYNE/JENNIFER MISS 1PERKINS/JOANNA MRS
SK0909Y10JUN CPHEWR HK2
SK0910Y20JUN EWRCPH HK2
SSR FOID SK HK2/CCVI492912XXXXXX6789
```

Notification that a Frequent Traveller Card will be used as a form of identification at check-in for all passengers within the PNR:

```
SSR FOID AF HK34/FFAF103827162
```

Notification that a Frequent Traveller Card will be used to as form of identification at check-in for several passengers travelling together causing a continuation line.

```
SSR FOID IB HK4/FFIB135847361-1CORKING/STEPHEN 1MATTHEWS/DOMINIC
SSR FOID IB ///2GUBERT/LAURENT/NEO MSTR
```

SSR Structure

	Components	Number and type of Characters	Examples
(a)	Element Identifier	3a	SSR
(b)	SSR Code	4a	FOID
(c)	Airline Designator (3 character codes are preceded with an oblique)	2an or 3a	KL
(d)	Action/Status/Advice Code	2a	HK
(e)	Number of services (without leading zeros)	1-3n	1
(f)	Separator start of structured text	1	/
(g)	Structured text, as applicable		PP1234567
(h)	If applicable, Name Element preceded by a hyphen	Refer to Name Element paragraph	-1RED/PETER

(i)	If applicable, free text, preceded by a period character.	As defined	.FREE TEXT

Mapping in Enhanced Distribution

XPath: IATA_OrderCreateRQ/Request/DataLists/PaxList/Pax/FOID

FQTR

Business Function

FQTR is used for redemption journeys for which mileage credit should not be accrued

Assumptions

- N/A

Type

- Passenger Information

SSR Example

- Example 1—Message advising redemption journey:

None	Copy
SSR FQTR QF HK1 MELSYD 0004Y14APR-1BURNSIDE/DAISYMS.QF0260119	

- Example 2—Message selling free transportation to NW:

None	Copy
SSR FQTR NW SS1 BOSJFK 3707Y30SEP-1FERNANDES/ANNAMRS.KL 2405990082/FREE	

- Example 3—an SSR item advising the tier level of a frequent traveller entitled to service benefits while travelling on a redemption journey:

None	Copy
SSR FQTR AC HK1 YYZYUL859Y20APR-1RUF/UWE.LH192001234567891/G	

SSR Structure

	Components	Number and Type of Characters	Examples
(a)	Element Identifier SSR	3a	SSR
(b)	SSR Element Code	4a	FQTV (or FQTU, FQTS, FQTR)
(c)	Airline Designator	2an or 3a	UA
(d)	Status Code	2a	HK
(e)	Number of services	1a	1
(f)	Departure Airport	3a	FRA
(g)	Arrival Airport	3a	ORD
(h)	Flight number (with leading zeros)	4n	6500
(i)	RBD	1a	C

(j)	Date	2n 3a	12-Oct
(k)	If applicable, Name Element preceded by a hyphen	Refer to Name Element paragraph	1NAME/FIRSTNAME
(l)	Passenger's "Frequent Traveller" identification (airline code and account number) preceded by a period	Max. 25an	.LH192001234567891
(m)	Passenger's "Frequent Traveller" tier level (free flow text, alpha or numeric, can be one or more characters) preceded by an oblique (/) (e.g. "GC" (11) for Gold, "S" (2) for Silver, PLATINUM for Platinum.	Max. 35an	/GC
			/2
			/PLATINUM

Mapping in Enhanced Distribution

FQTR is an internal process and therefore not a feature to be supported in Enhanced Distribution.

FQTS

Business Function

FQTS plus FQTV are used in the event that a frequent traveller wishes to both accrue miles in one airline's scheme and also be recognised for the reason of service benefits through a different airline's scheme.

Assumptions

- N/A

Type

- Passenger Information

SSR Example

None	Copy

```
SSR FQTS BA HK/BA 12345678-MARCMR
```

SSR Structure

	Components	Number and Type of Characters	Examples
(a)	Element Identifier SSR	3a	SSR
(b)	SSR Element Code	4a	FQTV (or FQTU, FQTS, FQTR)
(c)	Airline Designator	2an or 3a	UA
(d)	Status Code	2a	HK
(e)	Number of services	1a	1
(f)	Departure Airport	3a	FRA
(g)	Arrival Airport	3a	ORD
(h)	Flight number (with leading zeros)	4n	6500
(i)	RBD	1a	C
(j)	Date	2n 3a	12-Oct
(k)	If applicable, Name Element preceded by a hyphen	Refer to Name Element paragraph	1NAME/FIRSTNAME
(l)	Passenger's "Frequent Traveller" identification (airline code and account number) preceded by a period	Max. 25an	.LH192001234567891

Mapping in Enhanced Distribution

Multiple Loyalty Programs can be added in the Enhanced Distribution request, however there is currently no support for the passenger to choose which program to accrue points, and which program to use the benefits from

XPath: IATA_OrderCreateRQ/Request/DataLists/PaxList/Pax/LoyaltyProgramAccount – to add multiple accounts to order

FQTV

Business Function To store the Passengers Frequent Flyer Details. If FQTV is only to be used it will be assumed to be for both mileage accrual and service benefits within the Airline.

Assumptions

- N/A

Type

- Passenger Information

SSR Example

None	Copy
SSR FQTV DL HK/DL 12345-JONES/JAMES	

None	Copy
SSR FQTV UA HK1 FRAORD 6500C12OCT-1RUF/UWE.LH192001234567891	

SSR Structure

	Components	Number and Type of Characters	Examples
(a)	Element Identifier SSR	3a	SSR
(b)	SSR Element Code	4a	FQTV (or FQTU, FQTS, FQTR)
(c)	Airline Designator	2an or 3a	UA
(d)	Status Code	2a	HK
(e)	Number of services	1a	1
(f)	Departure Airport	3a	FRA
(g)	Arrival Airport	3a	ORD
(h)	Flight number (with leading zeros)	4n	6500
(i)	RBD	1a	C
(j)	Date	2n 3a	12-Oct
(k)	If applicable, Name Element preceded by a hyphen	Refer to Name Element paragraph	1NAME/FIRSTNAME
(l)	Passenger's "Frequent Traveller" identification (airline code and account number) preceded by a period	Max. 25an	.LH192001234567891

Mapping in Enhanced Distribution

XPath: IATA_OrderCreateRQ/Request/DataLists/PaxList/Pax/LoyaltyProgramAccount

GRPS/GPST

Business Function

To advise that passenger is travelling as a part of group.

Assumptions

- N/A

Type

- Passenger Information

SSR Example

- Group name is used in place of the individual names of all passengers:

None	Copy
SSR GRPS PA TCP40 SITA/TOUR	

None	Copy
SSR GRPS/DAN TCP255 WORLDSPAN/TOUR	

- Group seats (names unknown, group total 40):

None	Copy
SSR GPST LX NN40AMSGVA0795Y14FEB.30N10S	

Mapping in Enhanced Distribution

XPath: OrderCreateRQ/Request/PaxGroup

GSTA

Business Function To transmit and store the Goods and Services Business Address of the Passengers' Business from the Seller to the Airline

Assumptions

- N/A

Type

- Organisation Information

SSR Example

None	Copy

```
SSR GSTA AI HK1/IND/11 FLOOR ONE HORIZON CENTER/SECTOR 43 DLF PH V/
```

None	Copy

```
SSR GSTA AI ///CHENNAI/TAMIL NADU/603024-1MEEKS/SOPHIEMS
```

None	Copy

```
SSR GSTA AI HK1/IND/18 RAGHUVANSHI MILLS COMP//MUMBAI/
```

None	Copy

```
SSR GSTA ///MAHARASHTRA - 1BRYANT/TEDDYMR
```

SSR Structure

	Components	Number and Type of Characters	Examples
(a)	Element Identifier	3a	SSR
(b)	SSR Service Code	4a	GSTA
(c)	Airline Designator (3 character codes are preceded with an oblique)	2an or 3a	AI or /AIC
(d)	Status Code	2a	HK
(e)	Number of services (without leading zeros)	1-2n	1
(f)	Country	1-3a	/IND
(g)	Address Line 1	Max. 35 an	/11 FLOOR ONE HORIZON CENTER
(h)	Address Line 2	Max. 25 an	/SECTOR 43 DLF PH V
(i)	City	Max. 25 an	/CHENNAI
(j)	State or Province or County	Max. 25 an	/TAMIL NADU
(k)	Zip Code or Postal Code	17an	/602024
(l)	If applicable, Name Element preceded by a hyphen	Refer to Name Element paragraph	-1MEEKS/SOPHIEMS

Mapping in Enhanced Distribution

This SSR is information, no service being delivered. Structure TBD with GSTA/GSTP/GTSE

GSTE

Business Function To transmit and store the Goods and Services Business Email of the Passengers' Business from the Seller to the Airline

Assumptions

- N/A

Type

- Organisation Information

SSR Example

None	Copy

```
SSR GSTE AI HK1/IND/GST.INFO//IBMGST.IN-1MEEKS/SOPHIEMS
```

SSR Structure

	Components	Number and Type of Characters	Examples
(a)	Element Identifier	3a	SSR
(b)	SSR Service Code	4a	GSTE
(c)	Airline Designator (3 character codes are preceded with an oblique)	2an or 3a	AI or /AIC
(d)	Status Code	2a	HK
(e)	Number of services (without leading zeros)	1-2n	1
(f)	Country	1-3a	/IND
(g)	Business Email	Max. 35an	/GST.INFO//IBMGST.IN
(h)	If applicable, Name Element preceded by a hyphen	Refer to Name Element paragraph	-1MEEKS/SOPHIEMS

Note: Use // (double slash) in place of @ (at sign), use ".." (double dot) in place of "_" (underscore), and use "./" in place of a "-" in email addresses.

Mapping in Enhanced Distribution

This SSR is information, no service being delivered. Structure TBD with GSTA/GSTP/GTSE

GSTN

Business Function

To transmit and store the Goods and Services Tax Number of the Passengers' Business from the Seller to the Airline

Assumptions

- N/A

Type

- Organisation Information

SSR Example

None	Copy
SSR GSTN AI HK1/IND/22AAAAA0000A1Z5/IBM-1MEEKS/SOPHIEMS	

None	Copy
SSR GSTN AI HK1/IND/12ABCDA0000A1Z6/ECLIPSE-1BRYANT/TEDDYMR	

SSR Structure

	Components	Number and Type of Characters	Examples
(a)	Element Identifier	3a	SSR
(b)	SSR Service Code	4a	GSTN
(c)	Airline Designator (3 character codes are preceded with an oblique)	2an or 3a	AI or /AIC
(d)	Status Code	2a	HK
(e)	Number of services (without leading zeros)	1-2n	1
(f)	Country owning GST	1-3a	/IND
(g)	GST Number	Max. 20an	/22AAAAA0000A1Z5
(h)	Name of Company whose GST number is provided	Max. 35an	/IBM
(i)	If applicable, Name Element preceded by a hyphen	Refer to Name Element paragraph	-1MEEKS/SOPHIEMS

Mapping in Enhanced Distribution

This SSR is information, no service being delivered. Structure TBD with GSTA/GSTP/GTSE

GSTP

Business Function To transmit and store the Goods and Services Business Phone Number(s) of the Passengers' Business from the Seller to the Airline

Assumptions

- N/A

Type

- Organisation Information

SSR Example

None	Copy
SSR GSTP AI HK1/IND/9103345229023/9107582221443-1MEEKS/SOPHIEMS	

None	Copy
SSR GSTP AI HK1/IND/9103345229023-1MEEKS/SOPHIEMS	

SSR Structure

	Components	Number and Type of Characters	Examples
(a)	Element Identifier	3a	SSR
(b)	SSR Service Code	4a	GSTP
(c)	Airline Designator (3 character codes are preceded with an oblique)	2an or 3a	AI or /AIC
(d)	Status Code	2a	HK
(e)	Number of services (without leading zeros)	1-2n	1
(f)	Country	1-3a	/IND
(g)	First Business Telephone	Max. 15n	/91 033 45229023
(h)	Second Business Telephone	Max. 15n	/91 07582 22144
(i)	If applicable, Name Element preceded by a hyphen	Refer to Name Element paragraph	-1MEEKS/SOPHIEMS

Mapping in Enhanced Distribution

This SSR is information, no service being delivered. Structure TBD with GSTA/GSTP/GTSE

INAD

Business Function

To advise that passenger is admissible (who is refused admission to a State by its authorities).

Type

- Passenger Information

Assumptions

- N/A

SSR Example

None	Copy
SSR INAD	

SSR Structure

- No documented in AIRIMP

Mapping in Enhanced Distribution

XPath: OrderCreateRQ/Request/DataLists/PaxList/Pax/PTC

The use of PTC is a possible solution. Not specifically supported in Enhanced Distribution. If you have a requirement for this SSR, please email **standards@iata.org.**

INFT

Business Function

To advise that the Passenger is an infant (who is occupying/not occupying the seat).

Assumptions

- N/A

Type

- Passenger Information

SSR Example

- Infant not occupying a Seat:

None	Copy
SSR INFT IB NN1 MADMIA 6123Y20JUN.CAPPA/CLARA 04FEB05	

- Infant Occupying a Seat:

None	Copy
SSR INFT IB NN1 MADMIA 6123Y20JUN-1CLARKE/HALEY MISS.04FEB05 OCCUPYING SEAT	

SSR Structure

SSR Structure

1. Infant not occupying a Seat:

Enter a supplementary SSR item using the SSR code "INFT", two character airline designator, action code and the number 1, segment information, then (if needed, according to SSR rules) a hyphen followed by the passenger number and name who is responsible for the infant. After the last field (either the segment information or the passenger name), enter a period (.) which must be followed by the infant name (surname/first-name), space, and date of birth (ddmmmyy). This may be followed with a space and other alpha-numeric free text information.

2. Infant Occupying a Seat:

Enter a supplementary SSR item using the SSR code "INFT", two character airline designator, action code and the number 1, segment information, a hyphen followed by the passenger number and name of the infant, then a period (.), which must be followed only by the infant's date of birth (ddmmmyy), space, and the text OCCUPYING SEAT.

Mapping in Enhanced Distribution

XPath: IATA_OrderCreateRQ/Request/DataLists/PaxList/Pax/PTC **XPath:** IATA_OrderCreateRQ/Request/DataLists/PaxList/Pax/AgeMeasure

LANG

Business Function

To advise the Airline the language spoken by the Passenger

Type

- Passenger Information

SSR Example

None	Copy

```
LANG UA HK/MIAJFK0026Y29OCT.PSGR SPEAKS ZULU ONLY
```

SSR Structure

- None supplied

Mapping in Enhanced Distribution

Enhanced Distribution supports the sending of multiple languages within the Pax Element to signify the language of that Passenger.

XPath: OrderCreateRQ/Request/DataLists/PaxList/Pax/LangUsage

NRSB

Business Function

To advise that the passenger is non-revenue

Assumptions

- Seller (ORA) to identify passenger as non-revenue
- Airline to respond with appropriate Offer as bilaterally agreed

Type

- Passenger Information

SSR Example

None	Copy

```
Segment Element ... NW750Y 25MAY MSPDTW SA2/11201407
```

None	Copy

```
Segment Element ... NW745Y 29MAY DTWMSP SA2/15111607
```

None	Copy

```
Supplementary Element ... SSR NRSB NW HK2/31OCT95DL12A
```

SSR Structure

Components of this SSR are:

- Supplementary Item Identifier SSR;
- Special Service Requirement Code TWOV;

Mapping in Enhanced Distribution

XPath: OrderCreateRQ/Request/DataLists/PaxList/Pax/PTC

Not specifically supported in Enhanced Distribution. If you have a requirement for this SSR, please email **standards@iata.org**.

PCTC

Business Function

To transmit and store the name and telephone number of an Emergency Contact within the Order. Passenger provided contact name may be an entity (such as a travel agency name) or a personal name. The contact should not be a person travelling on the covered flight.

Type

- Passenger Information

SSR Example

None	Copy
SSR PCTC JK HK/SUSAN RORY/US12345678900-1RORY/DAVIDMR.WIFE	

None	Copy
SSR PCTC CO HK/BEVERLYS TRAVEL SERVICE/NL312026264219.ONFILE	

None	Copy
SSR PCTC ZY HK/ROBERT CORY/US18373123455-1BAKER/VIRGINIAMS	

SSR Structure

Enter a supplementary element using the code SSR, code PCTC, two-character airline designator, advice code HK, and oblique (/), passenger provided contact name, oblique (/), country name or two-character alpha ISO country code of the contact country followed by the telephone number.

Mapping in Enhanced Distribution

To use the ContactType element, however this is not specifically defined.

RFTV

Business Function

To advise about passenger's reason to travel to Cuba. An SSR code specific to Cuba-bound itineraries with a "Reason for Travel" sub code must be present in the PNR at the passenger level to meet Cuba travel requirements.

Type

- Passenger Information

Assumptions

- N/A

SSR Example

None	Copy

```
SSR RFTV DL HK1 ATLHAV 0123 C 01JUL-1EDWARDS/PATRICIAMS.FAMLY
```

None	Copy

```
SSR RFTV DL HK1 ATLHAV 0123 C 01JUL-1EDWARDS/PATRICIAMS.LICEN/CT20161234567
```

SSR Structure

There are a total of 13 reasons for travel to Cuba.

	Reason for Travel Definition	Code
1	family visits;	FAMLY
2	official business of the U.S. government, foreign governments, and certain intergovernmental organizations;	GOVMT
3	journalistic activity;	JOURN
4	professional research or professional meetings;	PRORM
5	educational activities and people to people exchanges;	EDUCA
6	religious activities;	RELIG
7	public performances, clinics, workshops, athletic and other competitions, and exhibitions	PERFO
8	support for the Cuban people;	SUPRT
9	humanitarian projects;	HUMAN
10	activities of private foundations or research or educational institutes;	PRIRM
11	exportation, importation, or transmission of information or information materials;	INFOR
12	certain authorized export transactions.	EXPRT
13	OFAC specific license (followed by number)	LICEN

When using the reason LICEN, an oblique (/) should be used to separate LICEN and the license number. Where other reasons are used, do not include an oblique.

	Components	Number and Type of Characters	Examples
(a)	Element Identifier	3:00 AM	SSR
(b)	SSR Element Code	4:00 AM	RFTV
(c)	Airline or CRS Designator (3 character codes are preceded with an oblique)	2 an or 3a	DL or /ABB
(d)	Status Code	2:00 AM	HK
(e)	Number of services (without leading zeros)	1 n	1
(f)	Departure Airport	3:00 AM	ATL
(g)	Airport Arrival	3a	HAV
(h)	Flight number (with leading zeros)	4 n	123
(i)	RBD	1a	Y
(j)	Date	2n 3a	30-Jun
(k)	If applicable, Name element, preceded by a hyphen	Refer to Name Element paragraph	-1EDWARDS/PATRICIA
(l)	Reason for travel	7A	LICEN
(m)	License Number (when applicable) preceded by an oblique	25 an	/CT20161234567

Mapping in Enhanced Distribution

Not currently supported in Enhanced Distribution. If you have a requirement for this SSR, please email **standards@iata.org.**

SEAT

Business Function

To advise the Airline of the Passengers Seat Preference

Type

- Passenger Information

Assumptions

- N/A

SSR Example

- Example 1—Smoking seat/Window:

None	Copy
SSR SEAT CO NN3MCIDEN0719Y15NOV.SW	

- Example 2—No smoking seat:

None	Copy
SSR SEAT CO NN3MCIDEN0719Y15NOV.N	

- Example 3—Specific seat request:

None	Copy
SSR SEAT CO NN3MCIDEN0719Y15NOV.23A23B23C	

- Example 4—Non smoking aisle seat, suitable for lap infant:

None	Copy
SSR SEAT CO NN3MCIDEN0719Y15NOV.NAI	

Mapping in Enhanced Distribution

The following mandatory codes specify a section within an aircraft compartment: N—Non-smoking Seat; S—Smoking Seat.

Location Codes are optional and follow the zone code. They may be one or two characters in the following sequence: W—Window Seat A—Aisle Seat B—Bulkhead Seat B—Bulkhead Seat C—Chargeable Seat (bilateral agreement) E—Exit Row Seat F—Non Chargeable Seat (bilateral agreement) H(1)— Handicapped Seat I—Passenger With Infant L—Leg Space Seat (bilateral) M(1)—Medically Okay to Travel R—Rear-Facing Seat (bilateral agreement) U—Unaccompanied Minor P—Extra seat for comfort - Arm rest can be raised (1) *Requires a separate Supplementary Element defining the medical or handicapped status of passenger.*

Seller to Airline Request:

- TBC

Airline to Seller Response:

- TBC

NDC message SeatAvailabilityRQ/RS can be used to achieve the selection of the seat service. This SSR is requesting a type of seat and if available to reserve it.

SEMN

Business Function

To advise that the passenger is a Seaman from a Ships crew.

Assumptions

- The Seller/ORA can identify the passenger as a Seaman.
- The Airline can respond with an appropriate offer.

SSR Example

SSR SEMN

SSR Structure

Components of this SSR are:

- Supplementary Item Identifier SSR;
- Special Service Requirement Code SEMN;

Mapping in Enhanced Distribution

XPath: OrderCreateRQ/Request/DataLists/PaxList/Pax/PTC

Not specifically supported in Enhanced Distribution. If you have a requirement for this SSR, please email **standards@iata.org.**

SLPR

Business Function

To advise that there is a Berth/Bed in the Cabin (excluding a stretcher).

Type

- Offer Information

Assumptions

- To advise the Seller that the Offer has a different product (of a Berth/Bed)

SSR Example

None	Copy
SSR SLPR	

SSR Structure

Components of this SSR are:

- Supplementary Item Identifier SSR;
- Special Service Requirement Code SLPR;

Mapping in Enhanced Distribution

Not specifically supported in Enhanced Distribution however this can be portrayed through Offer information and rich content. If you have a specific requirement for this SSR, please email **standards@iata.org**.

TKTL

Business Function

To advise of the ticketing time limit of the booking prior to ticketing.

Type

- Ticketing (Payment) Function

SSR Example

None	Copy

```
SSR TKTL AV SS/BOG 1700/12AUG
```

SSR Structure

BOGRMAV .ZRHRMLX 031540 Record Locator.............. ZRHLX AB 1458BC Name Element..............
1VALDERRAMA/J MR Segment Element.......... AV070F 17AUG BOGFRA SS1/1105 0705/1
Supplementary Element (ticketing time limit) .... SSR TKTL AV SS/BOG 1700/12AUG Supplementary
Element…OSI AV CTCH BOG 242159

Mapping in Enhanced Distribution

Mapping of the Ticketing Time Limit into an Enhanced Distribution Message can be found:

XPath:

OrderViewRS/Response/DataLists/ServiceDefinitionList/ServiceDefinition/PaymentTimeLimitDateTime

DateTime needs to be as per the Contract, for example: 2015-01-13T13:59:38Z

Notes *As of 19.1 this node will be moved up to the Order Item Level.*

TLAC

Business Function

Based on RP1768a—Mandatory Fare Quote and Enforced Ticket Time Limit, a Member may exempt a PNR from automatic cancellation by a Member/CRS.

Type

- Operational Function

SSR Example

None	Copy

```
SSR TLAC 1G/KL EXEMPT.DUE TO SCHEDULE CHANGE
```

SSR Structure

Components of this SSR are:

- Supplementary Item Identifier SSR;
- Special Service Requirement Code TLAC;
- Action Identifier—enter the airline designator of the Members/CRS to take action;
- Oblique
- The airline designator of the airline authorising the exemption;
- The word EXEMPT
- Free text area (optional)—shall be preceded by a period (.).

Mapping in Enhanced Distribution

Not currently supported in Enhanced Distribution. If you have a requirement for this SSR, please email **standards@iata.org.**

TWOV

Business Function

To advise that the passenger is travelling without a Visa.

Type

- Passenger Information

SSR Example

SSR TWOV ...

SSR Structure

Components of this SSR are:

- Supplementary Item Identifier SSR;
- Special Service Requirement Code TWOV;

Mapping in Enhanced Distribution

Not currently supported in Enhanced Distribution. If you have a requirement for this SSR, please email **standards@iata.org**.

UMNR/PDUM

Business Function

To advise the Airline that the Passenger is a minor and unaccompanied by an adult. PDUM is a chargeable SSR for unaccompanied minors.

Type

- Passenger Information

Assumptions

- N/A

SSR Example

None	Copy

```
SSR UMNR BA KK1 LHRCDG 0202Y14MAY.UM07
```

Mapping in Enhanced Distribution

Information required for the Airline to determine this is the presence of one passenger in the booking along with the Age of that passenger. The Airline can respond with an appropriate Offer and Information.

Seller to Airline Request:

- Age of Passenger to be completed: OrderCreateRQ/Request/DataLists/PaxList/Pax/Birthdate
- Presence of one passenger in the request.

Airline to Seller Response:

- Offer Returned

List of Obsolete SSRs (from the perspective of Enhanced and Simplified Distribution)

This page contains the SSR's which have been identified as obsolete due to the limit usage of their function and will not be documented within this section.

If you use this SSR within Enhanced and Simplified Distribution, please email **standards@iata.org.**

SSR	SSR Name
SSR	SSR Name
ADMD	Advise Electronic Miscellaneous Document Number
ADPI	Advise Passenger Security Information
ADTK	Advise if ticketed
ASVC	Additional Service
ASVX	EMD document number in back-up message for EDIFACT System Cancel
AUTK	Authorise Ticketing of PNR
CKIN	Other check-in advise for groups
ETLP	Only used by DCS systems - RP1707b, RP1708, RP1719d
FRAV	First Available
GRPF	Group Fare data
GRPK	Group space passive notification
IROP	Irregular Operations
MCOA	MCO Number
MEDA	Medical Case
NAME	Name change caused segment status change
NSSA	No Smoking Aisle Seat
NSSB	No Smoking Bulkhead Seat
NSSR	No Smoking Rear-Facing Seat
NSST	No Smoking Seat
NSSW	No Smoking Window Seat
OTHS	Other actionable information
PDGT	Ground Transportation and Non Air Services (Chargeable)
PDTS	Travel Services (Chargeable)
RLOC	Record Locator
RQST	Seat Request—include specific number or preference
SMSA	Smoking Aisle Seat
SMSB	Smoking Bulkhead Seat
SMSR	Smoking Rear-Facing Seat
SMST	Smoking Seat
SMSW	Smoking Window Seat
SPEQ	Sports Equipment
TKNA	Ticket number - Automated
TKNC	Ticket number - TCN
TKNE	Ticket number - Electronic
TKNM	Ticket number - Manual
TKNR	Notification that an electronically ticketed reservation has been changed
TKNX	

Overview

The Airline Industry Data Model (AIDM) and its output of XML schemas defines a service as a ServiceDefintion to which a list of ServiceDefintions can be added into a message.

A ServiceDefinition describes the service that can be offered but gives no context to that of a passenger or a flight.

Within the Offer or the Order, a Service element allows the ServiceDefinition to be referenced to the Passenger and the Segment as well as other related ServiceDefinitions.

Using a Service to instantiate a ServiceDefinition with realted Passenger and Flight Information (optionally) we can construct many of the SSRs we have today.

This section details the current ServiceDefinition and the mapping to an Automated SSR Format.

Description of a non-flight service
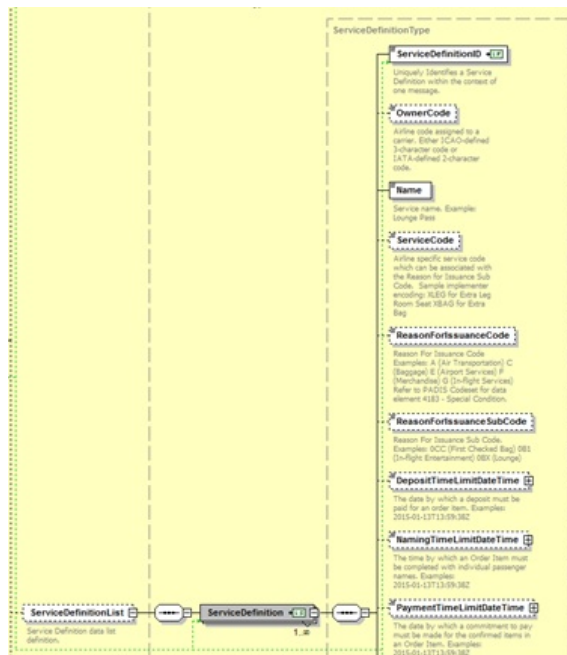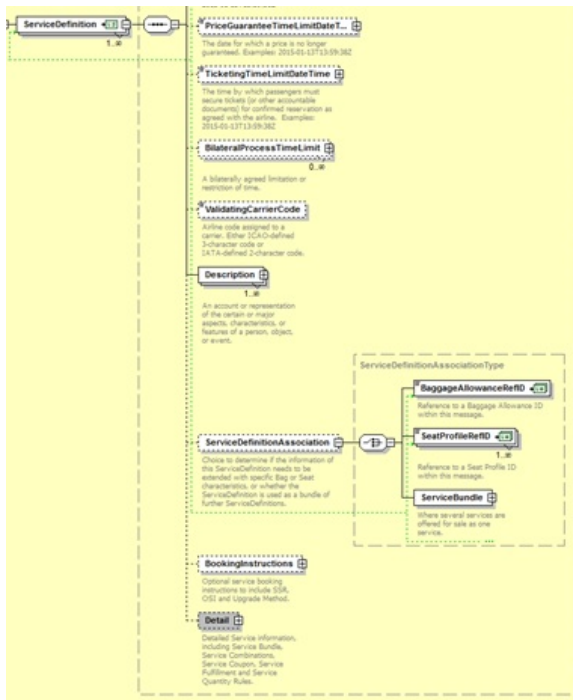
Instantiation of a Service

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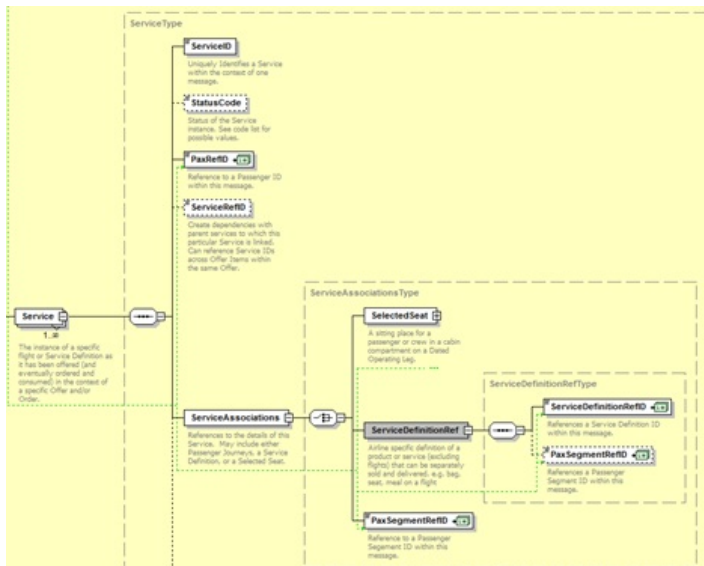
Codesets

Within the standard there are various fields which are not restricted within the schema but refer to the PADIS Codeset.

There are a few reasons for this, namely:

- A change to an enumeration type will require an update to the schema contract
- A field may have a set of codes used within the industry, but also open to bilateral codes if required.

This is a directory of the PADIS codesets when referred to from the annotations within the schemas.

As the PADIS Codeset refers to messages which could be used for other XML and/or EDIFACT messages, this directory specifies which codes are appliciable to the Enhanced and Simplified Distribution (EaSD) messages and is the main guide for referral purposes. For example, if a Codeset that is being used by an EaSD message is updated by another industry group, while relevant to that Codeset, it may have no business need within EaSD. Therefore, this section details the enumerations that are appliciable to these messages.

This section is broken down into the following sections:

- Categorisation: Codesets that categoris products or services
- Status Codesets: That define the status of various products, services, offers or orders
- Warnings and Errors; Codesets that define specific errors or warnings
- Other: Codesets that do not fit into the above categories

For example a schema annotation would say to refer to PADIS codeset 9873:
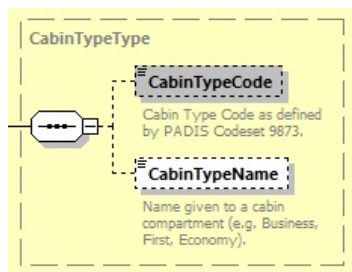
Which refers to:

Code	Description	Used in E&S Schemas
1	First class, Highest class of service (First Class Category)	Yes
2	Second class, Medium class of service (Business Class Category)	Yes
3	Third class, lowest class of service (all economy/coach class categories)	Yes
4	Economy/coach premium	Yes
5	Economy/coach	Yes
6	Economy/coach discounted	Yes
7	All	Yes

1001 Document/message name, coded

1001 – Document/message name, coded

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status

1153 Reference qualifier

1153 – Reference qualifier

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
1	Unique passenger reference identification		Active
2	Passenger sequence number		Active
3	Passenger standby number		Active
4	Passenger boarding security number		Active
5	Passenger ticket number		Active
6	Passenger confirmation number		Active
7	Date of birth		Active
700	Exceptional PNR Security Identification		Active
701	Agency grouping identification		Active
702	Ticketing data		Active
703	Message number for free text		Active
704	Message sequence identifier		Active
705	Last meal sequence/order number		Active
706	Gate extension number		Active
707	Mobil unit number		Active
A	Account/Product reference number		Active
B	Business		Active
F	Fax		Active
H	Home		Active
P	Passenger/traveller reference number		Active
S	Segment/service reference number		Active
XX	Not known		Active

1245 Status indicator, coded

1245 – Status indicator, coded

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
0	Direct		Active
1	Indirect		Active
2	Verified fare information		Active
3	Reissued flown involuntary indicator		Active
700	Fare basis may vary by carrier		Active
701	Fares based on passenger type and/or discount input		Active
702	Fares include US transportation tax where applicable		Active

4183 Special condition, coded

4183 – Special condition, coded

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
A	Air transportation		Active
B	Surface transportation/non air services		Active
C	Baggage		Active
D	Financial impact		Active
E	Airport services		Active
F	Merchandise		Active
FL	Flight number restriction may apply		Active
G	Inflight services		Active
I	Reserved for individual airline use		Active
RB	Missing or incorrect reservations booking designator (RBD)		Active
RE	Booking/ticketing conditions may apply		Active
RO	User specified reservations booking designator (RBD) has been overridden		Active
SR	Other sales restrictions (e.g.: passenger, point of sale, etc.)		Active

6353 Number of units qualifier

6353 – Number of units qualifier

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
1	Agent discount AD75N1		Active
10	Electronic ticket discount - child		Active
11	Electronic ticket discount - adult		Active
12	Electronic ticket discount - infant		Active
13	Employee Not filed ZED fare		Active
14	ZED employee - adult		Active
15	ZED employee - infant		Active
16	ZED - common law spouse of employee/retiree		Active
17	ZED - children under 24 years of age		Active
18	ZED - employee or retiree parent		Active
19	ZED - employee child		Active
2	Adult with discount restrictions		Active
20	ZED - employee sibling		Active
21	ZED - employee adult of married employee		Active
22	ZED - partner adult of single employee		Active
23	ZED - partner companion		Active
24	ZED - parent of married employee		Active
25	ZED - parent of single employee		Active
26	ZED - sibling of adult of single employee		Active
27	ZED - common-law spouse - opposite sex		Active
28	ZED - common-law spouse - same sex		Active
29	ZED - widow or widowers adult employee		Active
3	Assistant member of European Parliament		Active
30	Zonal employee discount		Active
31	Weekender fare		Active
32	Family plan - infant		Active
33	Blend of government travel or government contract ormilitaryor category Z fares		Active
34	Child - must include age 2 to 11 on ticket for child discount		Active
35	Infant accompanied by a youth		Active
36	Infant with a seat - resident		Active
37	Infant without a seat - resident		Active
38	Inclusive tour infant without a seat		Active
39	Inclusive tour infant with a seat		Active
4	Card carrying holder or holders		Active
40	Labor or worker infant with a seat		Active
41	Military infant with a seat		Active
42	Military infant without a seat		Active
43	Contract bulk - adult		Active
44	Contract bulk - child		Active
45	Contract bulk - infant without a seat		Active

46	Contract bulk - infant with a seat		Active
47	Contract bulk - infant May not be a bulk free		Active
48	Journalist of European Cabinet		Active
49	Journalist of European Committee		Active
5	Card carrying member		Active
50	Loyalty management group		Active
51	Government employee on leave		Active
52	Military - basic training graduate		Active
53	Member of European Parliament		Active
54	Blend of Category Z fares		Active
55	Military incentive certificates		Active
56	Non-revenue standby		Active
57	Negotiated fare - unrestricted rules		Active
58	Parent		Active
59	Private fare - adult		Active
6	Discount cardholder France and overseas depts		Active
60	Registered domestic partner		Active
61	Registered travel companion		Active
62	Senior discounted companion		Active
63	Spouse of European Parliament		Active
64	Sports passenger		Active
65	Restricted tour conductor		Active
66	Passenger agreed upsell		Active
7	Leisure cardholder with France		Active
700	Abonnement		Active
701	Accompanied child		Active
702	Accompanying adult		Active
703	Adult charter		Active
704	Agent discount		Active
705	Air or Sea fares		Active
706	Border Area Argentina		Active
707	Charter		Active
708	Charter - Adult		Active
709	Charter - Youth		Active
70A	Total number of passengers		Active
70B	Number of unique passenger types		Active
70C	Total number of passenger types		Active
70D	Total number of segments priced		Active
70E	Number of stopovers applied to fare breakpoint		Active
70F	Number of surcharges applied to fare breakpoint		Active
70G	Total number of taxes		Active
70H	Total number of passenger facility charges PFC		Active
70I	Total number ZP		Active
70J	Total number of fare calculation or surcharges charges		Active
70K	Flight group number		Active
70L	Tax		Active
70M	Surcharges		Active
70N	PFCs		Active
70O	ZPs		Active
70P	Number of unique PTCs		Active

70Q	Total PTCs			Active
70R	Number of stopovers			Active
70S	Airline staff standby			Active
70T	Bereavement			Active
70U	Family plan infant discount			Active
70V	Group - own use			Active
70W	Military dependents			Active
70X	Military group			Active
70Y	Non-resident			Active
70Z	Disabled person			Active
710	Charter - Child			Active
711	Child discounts			Active
712	City or County Government travel			Active
713	Clergy Standby			Active
714	Companion Fare			Active
715	Companion Fare - Prime			Active
716	Companion Partner			Active
717	Companion with age requirement			Active
718	County Government employee			Active
719	Coupon			Active
71A	Blind passenger			Active
71B	Baggage			Active
71C	Adult contract fare			Active
71D	Airline employee buddy standby fare			Active
71E	Clergy discount			Active
71F	Commuter fare			Active
71G	Convention fare			Active
71H	Coupon discounted fare			Active
71I	Child standby			Active
71J	Emigrant fare			Active
71K	Government inter state fare			Active
71L	Group school party			Active
71M	Inclusive tour child Group			Active
71N	Inclusive tour adult Group			Active
71O	Incentive certificate fare			Active
71P	Internet fare			Active
71Q	Journalist of EUR parliament			Active
71R	Labor adult			Active
71S	Military or DOD not based in the USA			Active
71T	Passenger occupying two seats			Active
71U	Patients traveling for medical treatment			Active
71V	Pilgrim fare			Active
71W	Pilgrim fare Saudi Arabia			Active
71X	Student standby			Active
71Y	Senior citizen with age requirement			Active
71Z	University employee			Active
720	Department of Defense			Active
721	Diplomat			Active
722	Disabled Unable to work Finland			Active
723	Discover the Country (Argentina)			Active

724	Economy Discount		Active
725	Eighty percent disabled persons		Active
726	Family Plan		Active
727	Family Plan Children Discount		Active
728	Family Plan France		Active
729	Family member - 1st accompanying		Active
72A	Visit USA adult		Active
72B	Passenger checked in		Active
72C	Passenger not checked in		Active
72D	Passenger checked in via ITCI		Active
72E	Negotiated fare passenger		Active
72F	Number of meals loaded		Active
730	Family member - 2nd accompanying		Active
731	Females Traveling Alone in France		Active
732	Foreign Worker discount		Active
733	Foreign Worker Infant discount		Active
734	Foreign Worker Children discount		Active
735	Frequent traveler		Active
736	Frequent traveler -adult		Active
737	Frequent traveler - child		Active
738	Government		Active
739	Government and Military Category Z		Active
740	Government Child		Active
741	Government Contract		Active
742	Government Dependent		Active
743	Government Exchange		Active
744	Government Infant		Active
745	Government order Germany		Active
746	Government State fares		Active
747	Government Transportation ordered		Active
748	Group Child		Active
749	Group Infant		Active
750	Group - undefined		Active
751	Group visit another country adult		Active
752	Group visit USA		Active
753	Head of family		Active
754	IATA = Air or Surface		Active
755	Inclusive Tour Child Individual		Active
756	Inclusive Tour Infant		Active
757	Inclusive Tour undefined		Active
758	Independent tour		Active
759	Individual early retirement Finland		Active
760	Individual inclusive tour		Active
761	Individual Ships Crew		Active
762	Indonesian War Veteran Discount Fare		Active
763	Indonesian Parliament Discount Fare		Active
764	Industry		Active
765	Infant discount		Active
766	Infant without seat		Active
767	Infant with seat		Active

768	Job Corp trainee		Active
769	Military charter		Active
770	Military child		Active
771	Military confirmed		Active
772	Military dependents stationed inside USA		Active
773	Military dependents stationed outside USA		Active
774	Military DOD based in USA		Active
775	Military family		Active
776	Military inclusive tour		Active
777	Military infant		Active
778	Military Job Corps		Active
779	Military parents or parents in-laws		Active
780	Military personnel based in USA		Active
781	Military personnel based out USA		Active
782	Military recruit		Active
783	Military reserve		Active
784	Military reserve on active duty		Active
785	Military retired		Active
786	Military retired dependent		Active
787	Military spouse		Active
788	Military standby		Active
789	Mini Fare Argentina		Active
790	Missionary		Active
791	Missionary Spouse		Active
792	NATO or SHAPE personnel		Active
793	Negative Band Intersectors Argentina		Active
794	Other accompanying family member		Active
795	Press		Active
796	Pseudo resident		Active
797	Refugee		Active
798	Resident		Active
799	Resident Abonnement		Active
8	Carnet coupon travel		Active
800	Resident Adult		Active
801	Resident Child		Active
802	Resident family plan child		Active
803	Resident family plan head family		Active
804	Resident family plan infant		Active
805	Resident family plan youth		Active
806	Resident family plan 2nd adult		Active
807	Resident government		Active
808	Resident group		Active
809	Resident infant		Active
810	Resident Senior Citizens		Active
811	Resident Student		Active
812	Resident youth		Active
813	Retiree wholly domestic Argentina		Active
814	Seaman		Active
815	Seaman fares		Active
816	Seaman Government Order		Active

817	Second Passenger		Active
818	Senior citizen confirmed		Active
819	Senior citizen discount		Active
820	Senior citizen standby		Active
821	Special		Active
822	Special Interior Fare Argentina		Active
823	Spouse Fares		Active
824	Standby		Active
825	State government employees		Active
826	Student discount		Active
827	Student Excellence Discount Fare (Indonesia)		Active
828	Student Government Order		Active
829	Swiss Journalist		Active
830	Teachers fares		Active
831	Teacher Wholly domestic		Active
832	Time-saver Fares		Active
833	Tour Guide Conductor		Active
834	Traveling with cello		Active
835	Unaccompanied child		Active
836	Undefined		Active
837	Visit USA child		Active
838	War Veteran Unable to work		Active
839	Youth confirmed		Active
840	Youth Discount		Active
841	Youth standby		Active
842	Youth student		Active
843	Labor child		Active
844	Labor infant		Active
845	80 percent disabled person Finland		Active
846	Second passenger for example companion		Active
847	Disabled, unable to work Finland		Active
848	Government discount Germany		Active
849	Individual early retirement Finland		Active
850	Special interior fare Argentina		Active
851	Border area fare Argentina		Active
852	Intra country restricted fares (Argentina)		Active
853	Adult with age restriction		Active
854	Frequent flyer companion		Active
855	Frequent flyer preferred		Active
856	Visit friends or relatives		Active
857	List of alternates		Active
9	Child of European Parliament member		Active
A	Adult		Active
BS	Block space		Active
C	Child		Active
CP	Corporate		Active
DPI	Total deplaned for this flight leg		Active
F	Female		Active
G	Group		Active
I	Individual		Active

IF	infant female		Active
IM	infant male		Active
IN	Infant		Active
IZ	Individual within a group		Active
L	Airport lounge member		Active
M	Male		Active
ML	Number of meals served		Active
MX	Maximum number of flights desired		Active
N	Military		Active
NC	Number of columns		Active
NL	Number of lines		Active
PX	Number of seats occupied by passengers on board		Active
S	Same surname		Active
SP	Standby positive		Active
SS	Standby space available		Active
T	Frequent traveler		Active
TA	Total seats available to assign		Active
TC	Total cabin class or compartment capacity		Active
TCA	Total cabin or compartment seats with acknowledgment pending for seats		Active
TD	Number of ticket or document numbers		Active
TF	Total number of flight/value coupons		Active
TS	Total seats sold		Active
TU	Total seats unassigned		Active
TUA	Total unassigned seats with acknowledgment pending for seats		Active
U	Unknown		Active
UM	Unaccompanied Minor		Active
WCH	Wheelchair assistance		Active
X	Unspecified		Active

9800 Reservation booking designator

9800 – Reservation booking designator

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
1	All cabin classes		Active
A	First Class Discounted		Active
B	Coach Economy Discounted		Active
C	Business Class		Active
D	Business Class Discounted		Active
E	Shuttle Service (No reservation allowed. Seat to be confirmed at check-in.)		Active
F	First Class		Active
G	Conditional Reservation		Active
H	Coach Economy Discounted		Active
J	Business Class Premium		Active
K	Thrift		Active
L	Thrift Discounted		Active
M	Coach Economy Discounted		Active
P	First Class Premium		Active
Q	Coach Economy Discounted		Active
R	Supersonic		Active
S	Standard Class		Active
T	Coach Economy Discounted		Active
U	Shuttle Service (No reservation needed. Seat Guaranteed)		Active
V	Thrift Discounted		Active
W	Coach Economy Premium		Active
Y	Coach Economy		Active

9873 Cabin class of service, coded

9873 – Cabin class of service, coded

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
1	First class, Highest class of service (First Class Category)		Active
2	Second class, Medium class of service (Business Class Category)		Active
3	Third class, lowest class of service (all economy/coach class categories)		Active
4	Economy/coach premium		Active
5	Economy/coach		Active
6	Economy/coach discounted		Active
7	All		Active

9888 Form of payment identification

9888 – Form of payment identification

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
CA	Cash		Active
CC	Credit Card		Active
CK	Check		Active
EF	Electronic funds transfer		Active
IEP	Easy pay		Active

9932 Facility type, coded

9932 – Facility type, coded

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
1	Movie		Active
10	Short feature video		Active
11	No duty free sales		Active
12	In-seat power source		Active
13	Internet access		Active
14	Unassigned		Active
15	Inseat Video Player/Library		Active
16	Lie-flat seats		Active
17	Additional services		Active
18	Wi-Fi		Active
19	Lie-flat seat first		Active
2	Telephone		Active
20	Lie-flat seat business		Active
21	Lie-flat seat premium economy		Active
22	110V AC power		Active
23	110V AC power first		Active
24	110V AC power business		Active
25	110V AC power premium economy		Active
26	110V AC power economy		Active
27	USB power		Active
28	USB power first		Active
29	USB power business		Active
3	Entertainment on demand		Active
30	USB power premium economy		Active
31	USB power economy		Active
32	Mobile wireless phone service		Active
4	Audio programming		Active
5	Live TV		Active
6	Reservation booking service		Active
7	Duty free sales		Active
700	Meal service		Active
701	Entertainment		Active
8	Smoking		Active
9	Non-smoking		Active
99	Amenities subject to change		Active
ABU	Aerobus		Active
AIR	Air side		Active
BAG	Baggage Area		Active
BEL	Conveyor Belt		Active
BUS	Bus		Active

CAT	Catering		Active
CHK	Check-in area		Active
CLN	Cleaning		Active
COU	Check-in counter		Active
CRW	crew bus		Active
CUB	Curbside		Active
FIR	fire-engine equipment		Active
FUE	Re-Fuelling		Active
GAN	Gangway		Active
GTE	Gate area		Active
ICE	De-icing equipment		Active
JET	Jetway		Active
LIT	Lighting		Active
LND	Land side		Active
LOU	Boarding Lounge		Active
LUG	Luggage		Active
PAN	Remote de-ice plan		Active
PAR	Parking area or stand		Active
PIE	Pier		Active
POW	Ground Power		Active
PUB	Public area		Active
SAT	Satellite		Active
SHU	Shuttle		Active
STD	Stand		Active
STF	Staff in-terminal (e.g. breakroom or operational room)		Active
TAN	Tank truck		Active
TER	Terminal		Active
TOW	Tow tractor with towbar		Active
TWB	Tow tractor without towbar		Active
WAS	A/C washing equipment		Active
WAT	Fresh water equipment		Active

9970 Product details qualifier

9970 – Product details qualifier

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
1	Reservations classes (PRBD)		Active
2	Physical configuration (ACV)		Active
3	Blocked Seats and/or blocked unit load devices		Active
4	First cabin choice		Active
5	Second cabin choice		Active
6	Default cabin choice		Active
7	Requested RBD cabin		Active
8	Default to any cabin		Active
BAS	Base		Active
CLB	Club Class		Active
CTA	Common Tariff Area		Active
DOM	Domestic		Active
ECO	Economy Class		Active
EQP	Equipment		Active
FST	First Class		Active
INT	International		Active
OB	Offered by booking class		Active
OC	Offered by cabin class		Active
PAR	Parking		Active
PER	Personnel		Active
SB	Sold by booking class		Active
SC	Sold by cabin class		Active
SCH	Schengen		Active
SHU	Shuttle		Active
TRB	Transborder		Active

FHT Flight haul type

FHT – Flight haul type

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
1	Long-haul 6 hrs plus		Active
2	Medium-haul 3-6 hrs		Active
3	Short-haul up to 3 hrs		Active

FST Flight segment type

FST – Flight segment type

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
1	Open		Active
2	Passive		Active
3	Service (passive service segment)		Active

IPT Instant purchase type

IPT – Instant purchase type

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
1	Purchase using certificate credit		Active
2	Ticketless purchase immediately charged to credit card		Active
3	Not an instant purchase		Active
4	Purchase is charged via digital wallet		Active
5	Simultaneous with time of ticketing		Active

SFB Service fee basis

SFB – Service fee basis

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
1	Option directly applied to fare. Applicable when using method F when applying an option directly to a fare-not used in an EMD solution.		Active
2	Baggage only. Item was charged a % of a fare fee calculation for excess baggage on the weight system.		Active
3	Item is not available/ applicable due to FQTV status or chosen price class.		Active
4	Item is free of charge due to FQTV status, free baggage allowance, or chosen price class.		Active
5	Not applicable		Active
6	Surcharge		Active

TDT Touchpoint device type

TDT – Touchpoint device type

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
1	Agent terminal		Active
10	Tablet Native App		Active
2	Web browser		Active
3	Airport kiosk		Active
4	Mobile device		Active
5	Other		Active
6	Unknown		Active
7	Mobile Web Browser		Active
8	Mobile Native App		Active
9	Tablet Web Browser		Active

TTT Touchpoint transaction

TTT – Touchpoint transaction

Note this is a subset of the ATSB Codeset and contains the only the Codeset values identified as being used in the Enhanced and Simplified Distribution Messages

Code	Description	Notes	Status
1	Order or buy		Active
10	Site referral		Active
11	Other		Active
12	Unknown		Active
2	Check-in		Active
3	Flight information		Active
4	Gate inquiry		Active
5	In-flight		Active
6	Post ticketing		Active
7	Post-flight		Active
8	Pre-flight		Active
9	Shop		Active

TTBS Ticket Tax Box Service

For more information, please see: https://www.iata.org/services/finance/Pages/ttbs.aspx

Service Delivery Deviation

If Service delivery is not possible for any reason, this needs to be communicated to the OMS with the corresponding status, and the Service in the Order is then updated with the new status. Any subsequent process to rebook, refund or otherwise change a Service are to be handled as updates to Order items in the OMS, which would then in turn trigger updates to the Accounting System. Note that there are many scenarios that may cause Service delivery to be interrupted, and the flow depicted here is one example.
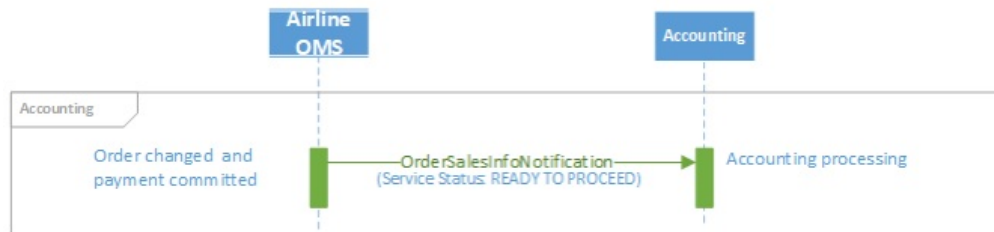
Service Delivery Interruption:
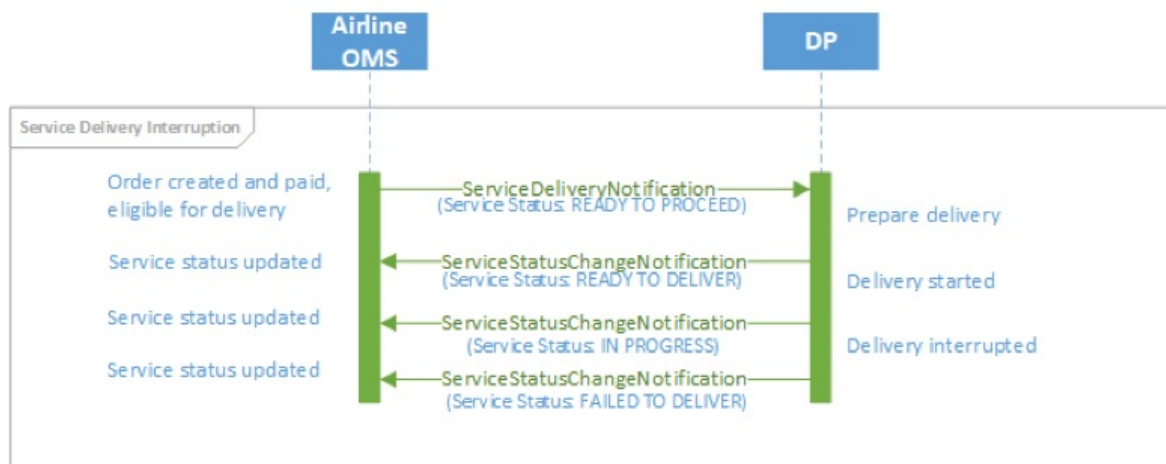
Order Modification

Any relevant changes made during the lifecycle of the Order must also be communicated to the Accounting System.

OSIN triggered by Order modification:

In the case of updates to the Accounting System using the OSIN, the message needs to contain two versions of the Order: the old Order, and the new Order. The Accounting System can then use these two images of the Order to identify the relevant changes. Note that only changes to status "Delivered" must be notified to the Airline Accounting System. All other status changes are not relevant.

MCT Implementation

This page is used as a repository of documentation required for the implementation of the new MCT standards.

Full MCT File for compliance testing is available under the following link.

MCT Compliance Test Cases V5 is available under the following link.

MCT Compliance Full file V5 txt is available under the folllowing link

MCT Compliance Full file V5 xlsx is available under the folllowing link