OrderChangeNotif 18.1 Implementation guide

Version 1

Overview

In scope of New Distribution Capabilities (NDC) booking, the Offer Responsible Airline (ORA) sends an OrderChangeNotif message to the Seller/Aggregator when a change has been made by the airline in the Order in its Order Management System. The change can be voluntary, upon the passenger request, or involuntary, upon the airline operational constraints. An Acknowledgement message is then returned by the Seller/Aggregator to the ORA. Only Light OrderChangeNotif implementation is currently supported: only a "reason for change" categorizing the change is transmitted to the Seller/Aggregator. No detail on the change can be transmitted.

Prerequisites

The OrderCreate transaction has been successfully run with the ORA and Seller/Aggregator identifiers sent in input:

- Party > Recipient > ORA > AirlineDesignCode: Airline code

- Party > Participant > EnableSystemSender > SystemID: Identifier of a direct seller

- Party > Participant > Aggregator > AggregatorID: Identifier of an aggregator

AMADEUS

Light OrderChangeNotif implementation

Description

The operation is composed of IATA NDC messages:

- OrderChangeNotif as Request message

- Acknowledgement as Reply message

Supported messages versions

- OrderChangeNotif version 6.000 (IATA release 18.1)

- Acknowledgement version 3.000

Supported operations

- Re-accomodation of flights via schedule changes

- Flight(s) cancellation

- Addition, modification or deletion of ancillaries (SSR or Seat)

Implementation

OrderChangeNotif

OrderChangeNotif message is sent with the following information:

Designation	Format	Status	Location	Comments
Sender Airline code	An2	Mandatory	OrderChangeNotif/Party/Sender/ORA_Sender/AirlineID	IATA airline code

Designation	Format	Status	Location	Comments
Order ID	An1..45	Mandatory	OrderChangeNotif/Query/Order@OrderID	
Order Owner code	An2..3	Mandatory	OrderChangeNotif/Query/Order@Owner	IATA airline code
Reason for change	N1	Optional	OrderChangeNotif/Query/Amendments/Amendment/ActionType@Context	Possible values from the REA PADIS Codeset list: • 1: Sched change – flight number change (including change of date and change of routing) • 2: Sched change – flight retimed • 3: Sched change – flight cancelled. • 9: No reason given (addition,

Designation	Format	Status	Location	Comments
				modification or deletion of a SSR or a seat)) Possible value not yet in REA PADIS Codeset list [1]: • 15: Flight cancelled (booking cancelled by the airline outside Schedule change situation)

[1] Amadeus requested IATA to add this new codeset in REA PADIS list.

In addition, the following fields are mandatory to comply with the XSD, but filled with dummy data by Altea NDC. They need to be ignored by the receiving system.

Designation	Status	Location	Comments
Order Item ID	Mandatory	OrderChangeNotif/Query/Order/OrderItems/OrderItem@OrderItemID	Dummy_OrderItemID
Price	Mandatory	OrderChangeNotif/Query/ OrderItems/OrderItem/PriceDetail/BaseAmount	0
Service			

Designation	Status	Location	Comments
Service ID	Mandatory	OrderChangeNotif/Query/ OrderItems/OrderItem/Service@ServiceID	Dummy_ServiceID
Passenger reference	Mandatory	OrderChangeNotif/Query/ OrderItems/OrderItem/Service/PassengerRef	Dummy_PaxRef
Service definition reference	Mandatory	OrderChangeNotif/Query/ OrderItems/OrderItem/Service/SegmentRef	Dummy_SegRef

Example:

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```
<OrderChangeNotif Version="6.000"
xsi:schemaLocation="http://www.iata.org/IATA/EDIST/2018.1 Or-derChangeNotif.xsd"
xmlns="http://www.iata.org/IATA/EDIST/2018.1"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <Document/>
    <Party>
        <Sender>
            <ORA_Sender>
                <AirlineID>6X</AirlineID>
            </ORA_Sender>
        </Sender>
    </Party>
    <Query>
        <Order OrderID="6X_DJW47E" Owner="6X">
            <OrderItems>
                <OrderItem OrderItemID="Dummy_OrderItemID">
                    <PriceDetail>
                        <BaseAmount>0</BaseAmount>
                    </PriceDetail>
                    <Service ServiceID="Dummy_ServiceID">
                        <PassengerRef>Dummy_PaxRef</PassengerRef>
                        <SegmentRef>Dummy_SegRef</SegmentRef>
                    </Service>
                </OrderItem>
            </OrderItems>
        </Order>
        <Amendments>
            <Amendment>
                <ActionType Context="2"/>
            </Amendment>
        </Amendments>
    </Query>
</OrderChangeNotif>
```

Acknowledgement

Once the OrderChangeNotif message has been received, an Acknowledgement message is expected from the Seller/Aggregator to confirm the correct reception of OrderChangeNotif. The message should contain the following fields:

Designation	Format	Status	Location	Comments
Status	An1..6	Mandatory	Acknowledgement/StatusCode	OK

Example:

```
<Acknowledgement Version="3.000" xsi:schemaLocation="http://www.iata.org/IATA/EDIST
Acknowl-edgement.xsd" xmlns="http://www.iata.org/IATA/EDIST"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <Document/>
    <StatusCode>OK</StatusCode>
</Acknowledgement>
```

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