

**amadeus**

# NDC OrderChangeNotif

Altea NDC Implementation guide

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1.0	28/02/2019	Creation	Light Order-ChangeNotif implementation, IATA release 18.1	Delphine CARON

# 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.

## 2 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

### Pre-requisites

The OrderCreate transaction has been successfully run with the systemID/AggregatorID identification provided.

## 2.1 OrderChangeNotif

OrderChangeNotif message is sent with the following information:

Data	Format	Attribute	Path in 6.000 version (18.1 IATA release)	Value
Sender Airline code	An2	Mandatory	OrderChangeNotif/Party/Sender/ORA_Sender/AirlineID	IATA airline code
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	<p>Possible values from the REA PADIS Codeset list:</p> <ul style="list-style-type: none"> <li>1: Sched change – flight number change (<i>including change of date and change of routing</i>)</li> <li>2: Sched change – flight retimed</li> <li>3: Sched change – flight cancelled</li> </ul> <p>Possible value not yet in REA PADIS Codeset list*:</p> <ul style="list-style-type: none"> <li>15: Flight cancelled (<i>booking cancelled by the airline outside Schedule change situation</i>)</li> </ul>

\* Amadeus requested IATA to add this new codeset in REA PADIS list.

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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.

Field	Attributes	Path in 6.000 version (18.1 IATA release)	Value
Order Item ID	Mandatory	OrderChangeNotif/Query/Order/OrderItems/OrderItem@OrderItemID	Dummy_OrderItemID
Price	Mandatory	OrderChangeNotif/Query/OrderItems/OrderItem/PriceDetail/BaseAmount	0
<b>Service</b>			
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:

```
<OrderChangeNotif Version="6.000" xsi:schemaLocation="http://www.iata.org/IATA/EDIST/2018.1
OrderChangeNotif.xsd" xmlns="http://www.iata.org/IATA/EDIST/2018.1"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Document/>
  <Party>
    <Sender>
      <ORA_Sender>
        <AirlinesID>6X</AirlinesID>
      </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"></ActionType>
  </Amendment>
</Amendments>
</Query>
</OrderChangeNotif>

```

## 2.2 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:

Data	Attributes	Path in 3.000 version	Type	Value
Status	Mandatory	Acknowledgement/StatusCode	An1..6	OK

Example:

```

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

```