API Developer Notes

Adding Agency Service Fees Using MCOs

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Overview

Agency fees can be added to a PNR using a Miscellaneous Charge Order (MCO). MCOs can be created in both the Apollo and Galileo CRSs using the terminal emulation format. MCOs can also be created in Galileo using the DocProdFareManipulation request.

To add an MCO to an existing PNR:

1. Start a host session.
2. Retrieve the PNR.
3. Issue the MCO (ends the PNR, if successful).
4. End the host session.

Starting a Host Session

Start a host session by calling the *BeginSession* method of the XML Select Web Services (XWS). Your Host Access Profile (HAP) is required to access XWS.

The *BeginSession* method returns a session token, which is then used for the subsequent session requests (see the **Galileo API Developer Notes: *Galileo Web Services Host Sessions*** for details).

Retrieving the PNR

Use any version of the PNRBFManagement request to retrieve the PNR that needs to have an MCO added. You must include the record locator in the PNRBFManagement request.

```
<PNRBFManagement_#>
    <PNRBFRetrieveMods>
        <PNRAddr>
            <FileAddr/>
            <CodeCheck/>
            <RecLoc> XHVB1Y</RecLoc>
        </PNRAddr>
    </PNRBFRetrieveMods>
    <FareRedisplayMods>
        <DisplayAction>
            <Action>D</Action>
        </DisplayAction>
    </FareRedisplayMods>
</PNRBFManagement_#>
```

Issuing the Miscellaneous Charge Order

After you retrieve the PNR, use the DocProdFareManipulation request to create the MCO. You must enter:

- The passenger name.
- The amount of the service fee.
- The currency in which the service fee will be charged.
- Credit card data for the passenger.

The PNR provides you with basic information, but the service fee information is provided in your agency policies.

MCO Request

```
<DocProdFareManipulation_#>
    <TicketingMods>
        <TicketingControl>
            <TransType>MO</TransType>
        </TicketingControl>
        <MCOIssue>
            <IssueInd>Y</IssueInd>
        </MCOIssue>
        <MCOMainData>
            <PsgrName>TEST/JOE</PsgrName>
            <TourOperator>FARECOMPANY</TourOperator>
            <Location>DEN</Location>
            <ValidFor>SERVICE</ValidFor>
            <RelatedTktNum/>
            <Commission><![CDATA[$00.00]]></Commission>
            <MCOTax/>
            <TaxCode/>
            <MCOAmt>15.00</MCOAmt>
            <Currency>USD</Currency>
            <EquivFarePaid/>
            <EquivCurrency/>
            <BankSellRate/>
            <PlatingCarrier>UA</PlatingCarrier>
        </MCOMainData>
        <OtherFOP>
            <FOPID>1</FOPID>
            <Type>1</Type>
```

LastName/FirstName.

Service Fee amount

```
            <PmtCrncy/>
            <Amt/>
            <AddlDataIDAry>
                <AddlDataID>
                        <ID/>
                        <Dt/>
                </AddlDataID>
            </AddlDataIDAry>
        </OtherFOP>
    </TicketingMods>
</DocProdFareManipulation_#>
```

Storing the Successful MCO Response

A successful MCO response is stored and tagged in the PNR to be issued in the future with the ticket. It also end transacts the PNR.

```
<DocProdFareManipulation_#>
    <Ticketing>
        <RecordLocator>
            <RecLoc> XHVB1Y</RecLoc>
        </RecordLocator>
        <TextMsg>
            <Txt><![CDATA[MCO ISSUED TTL FARE  USD   15.00]]></Txt>
        </TextMsg>
    </Ticketing>
</DocProdFareManipulation_#>
```

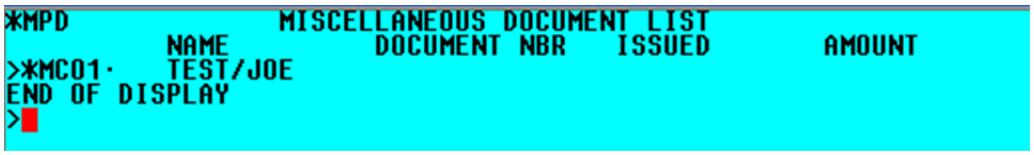
Ending the Host Session

End the host session by calling the *EndSession* method of GWS.

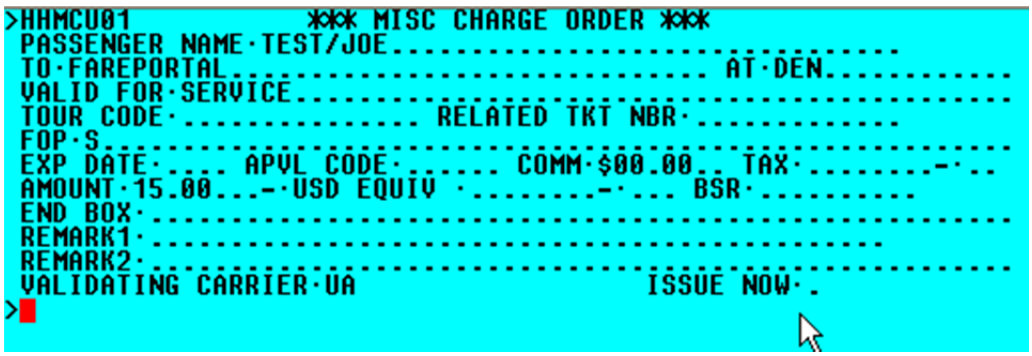
Viewing the MCO

The MCO transactions shown in the *GWS Help* pertain to Galileo only. The MCO information in the PNR can also be seen with simple terminal commands on the Galileo or Apollo CRS.

The terminal format *MPD returns the following screen:



The terminal format *MCO01 returns the details of the MCO.



Issuing the MCO with the Ticket

After the MCO is stored in the PNR, a ticket can be issued for the PNR. The request that issues the ticket also issues the MCO.