**DOCUMENT REVISION INFORMATION**

The following information is to be included with all versions of the document.

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Multiple Fares Per Itinerary</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Edition No.</td>
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1.1 Introduction

Sabre is pleased to announce the Multiple Fares Per Itinerary enhancement to *Bargain Finder<sup>SM</sup> Max* and *Sabre’s Low Fare Search* capabilities. This feature aids in quickly offering customers multiple fare choices per itinerary in a single entry to best match their needs. Multiple Fares Per Itinerary (MFPI) allows you to define and search multiple fare rule attributes per group. The response includes applicable fares per the user-defined group.

1.2 Summary of Functionality

Following is a summary of the Multiple Fares Per Itinerary functionality, which also includes enhancements. The enhancements increase the flexibility in creating the MFPI group.

- Applicable for use with Bargain Finder Max and Low Fare Search capabilities (WPNI and JR Linear entries).
- Applicable for use with WPNI web service – OTA_BargainFinderPlusLLSRQ.
- Up to 10 user-defined groups.
- Accepted fare attributes:
  - Fares without restrictions.
  - Exclude fares with advance purchase.
  - Exclude fares with min/max stay.
  - Passenger Type Code
    - If a passenger type is not specified, then the ADT passenger type code will be used as the default passenger type code.
    - Ability to force the specified passenger type on all segments within the MFPI group request.
    - Functionality to support up to four passenger types within the MFPI group request.
  - Cabin
    - Ability to use Expand Jump Cabin functionality within the MFPI group request.
    - Ability to use disable jump cabin functionality within the MFPI group request.
- Corporate ID/Account Code
  - Allow the user within each MFPI group to force the usage of the Corporate ID/Account Code.
- Public Fare
- Private Fare
- All Multiple Fares Per Itinerary fare attributes are optional.
- A mix of attributes per group is allowed.
- The lowest fare for the itinerary booked will be returned along with the lowest fare per applicable Multiple Fares Per Itinerary group(s).
- If no fare is available for the defined Multiple Fares Per Itinerary group, then shopping will not return a fared for the group.
- Each Multiple Fare group and its attributes are considered completely independent from one another.
- Applicable to one-way, round-trip and multi-destination itinerary requests.
- Only one cabin will be allowed per group.
- Multiple restrictions per group are allowed in a single request; all must be applicable for a solution to be returned.
- If the fare returned in the group has a branded fare association, branded fare details will be returned.
- As with existing functionality, Multiple Fares Per Itinerary will not allow the combination of the fares without restrictions qualifier with the following parameters:
  - Exclude fares with advance purchase.
  - Exclude fares with penalty.
  - Exclude fares with min/max stay.
- Filtering Capabilities by Change Fee/Refund Information/Maximum Penalty
  - Users requesting a MFPI request can use optional Max Penalty qualifiers to filter by fare flexibility and maximum penalty amounts.
  - Existing Max Penalty qualifier with all its combinations will be added to MFPI groups as additional optional filtering criteria.
- Combinable with applicable Air Shopping search qualifiers (for example, Air Extras, time window, and preferred carrier).
- The Branded Fares BRALL entry is not combinable with Multiple Fares Per Itinerary.
1.3 About This Guide

This guide provides information on the Multiple Fares Per Itinerary. Each chapter is as follows:

- Chapter 1, “Getting Started” explains the purpose of the document and provides a functional overview and a description of the changes to the system.

- Chapter 2, “Multiple Fares Per Itinerary,” explains the updates to Sabre Low Fare Search and Bargain Finder Max.
Multiple Fares Per Itinerary

2.1 Introduction

Multiple Fares Per Itinerary allows you to request multiple fares within one shopping request. The functionality is available with Bargain Finder Max and Sabre’s Low Fare Search capabilities.

This chapter includes the following:

- Sabre Low Fare Search Via WPNI and JR (see this page).
- Bargain Finder Max (see “Bargain Finder Max,” page 20).

2.2 Sabre Low Fare Search Via WPNI and JR

The following information explains how to build the Multiple Fare Per Itinerary request, display the group information, and sell the preferred option.

This section includes the following:

- Request Format JR and WPNI (see “Request Format JR and WPNI,” page 6).
- Low Fare Search – Follow Up (see “Low Fare Search – Follow Up Display Entry,” page 7).
- Low Fare Search – Sell Format (see “Low Fare Search - Sell Format,” page 8).
- Corporate ID/Account Code (see “Corporate ID/Account Code,” page 9).
- Force Passenger Type Code XO (see “Force Passenger Type Code - XO,” page 11).
- Multiple Passenger Types (see “Multiple Passenger Types,” page 12).
- Filtering Capabilities by Change Fee/Refund Information/Maximum Penalty (see “Filtering Capabilities by Change Fee/Refund Information/Maximum Penalty,” page 13).
- Low Fare Search – Additional Examples (see “Low Fare Search – Additional Examples,” page 17).
- Low Fare Search via WPNI Linear Command (see “Low Fare Search via WPNI Linear Command,” page 18).
- Low Fare Search via WPNI Linear Command with Branded Fare Detail (see “Low Fare Search via WPNI Linear Command with Branded Fare Detail,” page 19).
- Low Fare Search via WPNI Linear Command with Multiple Cabins (see “Low Fare Search via WPNI Linear Command with Multiple Cabins,” page 19).
### 2.2.1 Request Format JR and WPNI

<table>
<thead>
<tr>
<th>JR</th>
<th>WPNI</th>
<th>Sample entries</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Group Delimiter</strong></td>
<td>MF1</td>
<td>• JR.LAX/S-OYDFW10JUN=MF1/P-MIL=MF2/P-JCB</td>
</tr>
<tr>
<td></td>
<td>MF1</td>
<td>• WPNI=MF1+PADT+MF2+PJCBJ</td>
</tr>
<tr>
<td><strong>Passenger type</strong></td>
<td>/P-ADT</td>
<td>• JR.LAX/S-OYDFW10JUN=MF1/P-MIL=MF2/P-JCB</td>
</tr>
<tr>
<td></td>
<td>PJCB</td>
<td>• WPNI=MF1+PADT+MF2+PJCBJ</td>
</tr>
<tr>
<td><strong>Cabin</strong></td>
<td>Y</td>
<td>• JR.LAX/S-OYDFW10JUN=MF1-Y=MF2-F</td>
</tr>
<tr>
<td></td>
<td>N/A today</td>
<td>• WPNI=MF1-Y=MF2-F</td>
</tr>
<tr>
<td></td>
<td>*See note 2</td>
<td></td>
</tr>
<tr>
<td><strong>Type of Fare</strong></td>
<td>/Q-PL</td>
<td>• JR.LAX/S-OYDFW10JUN=MF1/Q-PL=MF2/Q-PV</td>
</tr>
<tr>
<td>Public or private</td>
<td>/Q-PV</td>
<td>• WPNI=MF1+PV=MF2+PV</td>
</tr>
<tr>
<td><strong>Exclusions:</strong></td>
<td>n/a</td>
<td>• WPNI=MF1+XA+XP+XS+MF2+XR</td>
</tr>
<tr>
<td>XA (no advance purchase)</td>
<td>XA</td>
<td>• JR.LAX/S-OYDFW10JUN/I-YYYN=MF1/XA/XP/XS=MF2/XR</td>
</tr>
<tr>
<td>XP (no penalty)</td>
<td>See Note</td>
<td></td>
</tr>
<tr>
<td>XS (no min/max stay)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>XR (no restrictions)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Account Code</strong></td>
<td>/AC*nnn</td>
<td>• JR.LAX/S-OYDFW10JUN=MF1/AC<em>nnn=MF2/AC</em>yyy</td>
</tr>
<tr>
<td><strong>Corporate ID</strong></td>
<td>/N-nnn</td>
<td>• WPNI=MF1+IInnn=MF2+Iyyyy</td>
</tr>
</tbody>
</table>

**Notes**

- For groups, only one cabin per group is permitted for the whole journey/itinerary.
- Must follow MF1(MF1-Y) similar to JR-DFW/S-OYLAS29JUN0900
- There is not a way to request a new cabin/class in WPNI. It uses the class from the itinerary and (internally) the system maps the class to the cabin. WPNI will follow the JR entry format WPNI=MF1-Y=MF2-F, where –Y must follow MF1 (MF1-Y).

- JR does not accept XA, XP, XS or XR qualifiers. For JR to exclude these, there is a qualifier /I-, where there are several exclusions and you must type a Y or N in the proper order if you want them included or not. /I-YYYN. (exclude Stored Fares is in this /I- which is not in scope for this project). Also, for JR, there is no equivalent for XR
### 2.2.2 Low Fare Search – Follow-Up Display Entry

The follow-up entries can be used to display the fare attribute qualifiers used within the MFPI group.

#### 2.2.2.1 JR

**Qualifier Display Entry – JR**

Sample Request:

```
JR.DFW/S-OYLGA20OCT0700/P-1ADT=MF1-F=MF2/P-TIM=MF3/P-PRO«
```

<table>
<thead>
<tr>
<th>JR</th>
<th>WPNI</th>
<th>Sample entries</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sample of combined qualifiers</strong></td>
<td>Qualifiers used defined after each JR</td>
<td>Qualifiers used defined after each WPNI</td>
</tr>
<tr>
<td><strong>Note</strong></td>
<td>All qualifiers with a <code>/</code> as the delimiter must be entered before the qualifiers with a <code>‡</code> delimiter</td>
<td></td>
</tr>
<tr>
<td>* JR.LAX/S-OYDFW10JUN0700/P-2ADT=MF1-Y/N-nnnnn/AC<em>nnnnn/AC</em>nnnnn=MF2-F/N-nnnnn/Q-PV/P-JCB/N-nnnnn</td>
<td>* JR.LAX/S-OYDFW10JUN0700/P-2ADT=MF1-C=MF2-F</td>
<td></td>
</tr>
<tr>
<td>Qualifiers used on JR above:</td>
<td>MF1 - Cabin, Corp ID, Account Code, Account Code</td>
<td>MF1 - Cabin, Corp ID, Account Code, Account Code</td>
</tr>
<tr>
<td>MF2 – Cabin, Corp ID, Private Fare, Passenger Type, Corp ID</td>
<td>MF2 – Cabin, Corp ID, Private Fare, Passenger Type, Corp ID</td>
<td></td>
</tr>
<tr>
<td>* JR.LAX/S-OYDFW10JUN0700/P-2ADT=MF1-C=MF2-F</td>
<td>* JR.LAX/S-OYDFW10JUN0700/P-2ADT=MF1-C=MF2-F</td>
<td></td>
</tr>
<tr>
<td>Qualifiers used on WPNI above:</td>
<td>MF1 – Cabin</td>
<td>MF1 – Cabin</td>
</tr>
<tr>
<td>MF2 – Cabin</td>
<td>MF2 – Cabin</td>
<td></td>
</tr>
<tr>
<td>* WPNI=MF1-Y‡AC<em>nnnnn‡XA‡AC</em>nnnnn‡PL‡PJCB</td>
<td>* WPNI=MF1-Y‡AC<em>nnnnn‡XA‡AC</em>nnnnn‡PL‡PJCB</td>
<td></td>
</tr>
<tr>
<td>Qualifiers used on WPNI above:</td>
<td>MF1 – Cabin, Account Code, Exclusion Min/Max Penalty</td>
<td>MF1 – Cabin, Account Code, Exclusion Min/Max Penalty</td>
</tr>
<tr>
<td>MF2 – Cabin, Exclusion Min/Max Penalty, Account Code, Public Fare, Passenger Type</td>
<td>MF2 – Cabin, Exclusion Min/Max Penalty, Account Code, Public Fare, Passenger Type</td>
<td></td>
</tr>
<tr>
<td>* WPNI=MF1-C=MF2-F</td>
<td>* WPNI=MF1-C=MF2-F</td>
<td></td>
</tr>
<tr>
<td>Qualifiers used on WPNI above:</td>
<td>MF1 – Cabin</td>
<td>MF1 – Cabin</td>
</tr>
<tr>
<td>MF2 – Cabin</td>
<td>MF2 – Cabin</td>
<td></td>
</tr>
</tbody>
</table>

---

* TO SEE ADDITIONAL BRAND DETAILS – USE JR04*BRxx
* TO SEE ADDITIONAL MULTIPLE FARE DETAILS – USE JR04*MFxx
To display qualifiers for each group:

<table>
<thead>
<tr>
<th>Entry</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>JR04*MF1</td>
<td>MF1 1ADT F</td>
</tr>
<tr>
<td>JR04*MF2</td>
<td>MF2 1TIM</td>
</tr>
<tr>
<td>JR04*MF3</td>
<td>MF3 1PRO</td>
</tr>
</tbody>
</table>

To display qualifiers for an entire group using a single entry:

<table>
<thead>
<tr>
<th>Entry</th>
<th>Response</th>
</tr>
</thead>
</table>
| JR04*MFALL | MF1 1ADT F  
|           | MF2 1TIM  
|           | MF3 1PRO |

### 2.2.2 WPNI

**Qualifier Display Entry - WPNI**

```
OPTION 2
1 VX 710 S 20OCT Q DAL LGA 1330 1740 319 0 /E
  1ADT 121.21 121.21
TOTAL FARE - USD 121.21 CAT35 /
MF2-Z 1PRO 110.51 110.51
MF3-Z 1ADT 121.21 121.21
```

To display qualifiers for each group:

<table>
<thead>
<tr>
<th>Entry</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>WC*2MF2</td>
<td>MF2 1PRO</td>
</tr>
<tr>
<td>WC*2MF3</td>
<td>MF3 1ADT F</td>
</tr>
</tbody>
</table>

To display qualifiers for an entire group using a single entry:

<table>
<thead>
<tr>
<th>Entry</th>
<th>Response</th>
</tr>
</thead>
</table>
| WC*1MFALL | MF2 1PRO  
|           | MF3 1ADT Y |

### 2.2.3 Low Fare Search - Sell Format

You can sell from the MFPI response using the following entries.
### 2.2.4 Corporate ID/Account Code

When you use a Corporate ID/Account Code within a MFPI group, the Corporate ID/Account Code must only apply to one segment for a fare to be returned for the group. This will be the default logic when defining a Corporate ID/Account Code within the MFPI group.

You will be able to include the XC qualifier in the request on the MFPI group level. When it is included, the Corporate ID/Account Code must be applicable on all segments for a fare to be returned for the MFPI group.

The following examples show the entry when including the XC qualifier at the user-defined group level. The XC qualifier at the group level is optional.

#### 2.2.4.1 WPNI – Request Example

- WPNI¤MF1-F+PADT+AC*123‡XC¤MF2-C+PADT+AC*123‡XC¤MF3-Y+AC*123‡XC
- WPNI¤MF1-F+PADT+AC*123‡XC¤MF2-C+PADT¤MF3-Y+AC*123
- WPNI¤MF1-F+PADT+AC*123+AC*456‡XC¤MF2-C+PADT¤MF3-Y+AC*123
- WPNI¤MF1-F+PADT+AC*123‡AC*456‡XC¤MF2-C+PADT¤MF3-Y+AC*123

#### 2.2.4.2 WPNI - Error Messages

Error message when XC is used in the user-defined group without a Corporate ID/Account Code:

```
WPNI¤MF1-F+PADT+XC
XC QUALIFIER REQUIRES ACCOUNT CODE OR CORP ID
```

Error message when the format to add the XC is invalid:

```
WPNI¤MF1-F+PMIL/XC
+FORMAT+
```
2.2.4.3 JR – Request Example

- JR.JFK/S-OYLHR12MAY0000¥MF1-F/P-ADT/AC*123/XC¥MF2-C/P-ADT/AC*123/XC¥MF3-Y/AC*123/XC
- JR.JFK/S-OYLHR12MAY0000¥MF1-F/P-ADT/AC*123/Y/AC*123
- JR.JFK/S-OYLHR12MAY0000¥MF1-F/P-ADT/AC*123/AC*456/XC¥MF2-C/P-ADT/AC*123/XC¥MF3-Y/AC*123/XC
- JR.JFK/S-OYLHR12MAY0000¥MF1-F/P-ADT/AC*123/XC/AC*456/XC¥MF2-C/P-ADT/AC*123/XC¥MF3-Y/AC*123/XC

2.2.4.4 JR - Error Messages

Error message when XC is used in the user-defined group without a Corporate ID/Account Code:

JR.JFK/S-OYLHR20JUN0000¥MF1-F/P-ADT/XC« XC QUALIFIER REQUIRES ACCOUNT CODE OR CORP ID

Error message when the format to add the XC is invalid:

JR.JFK/S-OYLHR20JUN0000¥MF1-F/P-ADT/AC*12345‡XC« ‡FORMAT‡

2.2.5 Cabin – Expand Jump Cabin Logic - XJ

XJ is an optional qualifier that you can use within the Shopping request to have at least one segment booked in the requested cabin.

Shopping will provide users the functionality to specify XJ qualifier in the MFPI group. If you do not specify XJ in a group, then shopping (by default) will apply the existing jump cabin logic.

XJ can be specified in the main entry as well as in MFPI groups. Per current functionality, if a qualifier can be specified in the MFPI groups, then this qualifier will not cross over from the main group.

The following examples show the entry when including the XJ qualifier at the user-defined MFPI group level. The XJ qualifier at the group level is optional.

2.2.5.1 Example – WPNI

- WPNI+PADT/XJ=MF1-F/XJ+PADT=MF2-F+PADT=MF3-Y/XJ
2.2.5.2 Example – JR

- JR.JFK/S-OYLHR12MAY0000/XJ=MF1-F/P-ADT/XJ=MF2-C/P-ADT=MF3-Y/XJ

2.2.6 Cabin – Disable Jump Cabin – DJC

DJC is an optional qualifier that you can use within the shopping request to force all flight segments to be booked only in the requested cabin.

If you specify DJC in the group, then shopping will disable jump cabin logic. If DJC is not specified in a group, then shopping will allow existing jump cabin logic. XJ and DJC are not combinable in a single MFPI group.

DJC can be specified in main as well as in MFPI groups. Per current functionality, if a qualifier can be specified in the MFPI groups, then this qualifier will not cross over from the main group.

The following examples show the new entry when including the DJC qualifier at the user-defined group level. The DJC qualifier at the group level is optional.

2.2.6.1 WPNI – Request Example

- WPNI/DJC=MF1-F/PADT=MF2-F/PADT=MF3-Y/DJC

2.2.6.2 JR – Request Example

- JR.JFK/S-OYLHR12MAY0000/DJC=MF1-F/P-ADT/DJC=MF2-C/P-ADT=MF3-Y/XJ

2.2.7 Force Passenger Type Code - XO

You will be able to specify the XO qualifier as an optional qualifier in the MFPI group. If you do not specify XO in a group, then shopping will return a fare solution where a passenger type fare applies to at least one fare on any leg.

XO can be specified in main as well as in MFPI groups. Per current functionality, if a qualifier can be specified in the MFPI groups then this qualifier will not cross over from main group.

2.2.7.1 WPNI – Example

- WPNI/P3ADTXO=MF1-F+PADTMILCNN=MF2-F+P3ADT

2.2.7.2 JR – Example

- JR.JFK/S-OYLHR12MAY0000/P-3ADTXO=MF1-F/P-ADTMILCNN=MF2-F/P-4ADT
2.2.7.3 Request Validations

- JR.JFK/S-OYLHR12MAY0000#MF1-F/P-ADTXO → Invalid request return existing error “PASSENGER TYPE”.
- JR.JFK/S-OYLHR12MAY0000/P-ADTXO#MF1-F/P-ADTXO → Valid request
- WPNI#MF1-F+PADTXO → Invalid request return existing “FORMAT” error
- WPNI#MF1-F+PADTXO#XO → Valid request
- JR.JFK/S-OYLHR12MAY0000/P-ADTXO#MF1-F/XO → Invalid request return existing error “PASSENGER TYPE”
- WPNI#MF1-F+XO → Invalid request return existing error “PASSENGER TYPE”

2.2.8 Multiple Passenger Types

You can define up to four passenger types per group along with other available optional qualifiers. The number of passenger types specified must be the same for all MFPI groups including the main portion of the shopping request. All valid passenger type codes (PTCs) can be used within the MFPI group. If an infant passenger type is used, it does count toward the passenger type code count as one of the four PTCs. It does not count toward the actual seat availability count.

2.2.8.1 WPNI - Example

By default, shopping takes the number of passengers and passenger types from the itinerary, but you can also specify a number of passengers and types for the main group. In both cases, the number of passengers among the main group and MFPI groups must be equal.

WPNI=MF1-F+PADT/MIL/INF/CNN#MF2-C+PADT/MIL/INF/CNN#MF3-Y+PADT/MIL/INF/CNN

or

WPNI=N1.1/2.1/3.1#MF1-F+PADT/MIL/INF/CNN#MF2-C+PADT/MIL/INF/CNN#MF3-Y+PADT/MIL/INF/CNN

or

WPNI=P4ADT=MF1-F+PADT/MIL/INF/CNN#MF2-C+PADT/MIL/INF/CNN#MF3-Y+PADT/MIL/INF/CNN

CURRENT ITINERARY-LOWER AVAIL CLASS OF SERVICE FOUND
1 K0 924 S 20NOV F ATL LAX 0729A 0930A 73H 0 /E
2 K0 929 S 24NOV T LAX ATL 0530A 1234P 75W 0 /E
4ADT 3688.12 3688.12
TOTAL FARE - USD 3688.12
* TO SEE AGENCY MANAGED COMMISSION - USE WC*00COMM
VALIDATING CARRIER - K0
CAT 15 SALES RESTRICTIONS FREE TEXT FOUND - VERIFY RULES
MF1-0 1ADT 2088.40 2088.40
MF1-0 1MIL 1980.30 1980.30
MF1-0 1INF 588.60 588.60
### 2.2.8.2 JR - Example

<table>
<thead>
<tr>
<th>MF1-0</th>
<th>ICNN</th>
<th>1430.70</th>
<th>1430.70</th>
</tr>
</thead>
<tbody>
<tr>
<td>MF2-0</td>
<td>IADT</td>
<td>1288.40</td>
<td>1288.40</td>
</tr>
<tr>
<td>MF2-0</td>
<td>MIL</td>
<td>1126.40</td>
<td>1126.40</td>
</tr>
<tr>
<td>MF2-0</td>
<td>INF</td>
<td>388.40</td>
<td>388.40</td>
</tr>
<tr>
<td>MF2-0</td>
<td>ICNN</td>
<td>926.40</td>
<td>926.40</td>
</tr>
<tr>
<td>MF3-0</td>
<td>IADT</td>
<td>688.12</td>
<td>688.12</td>
</tr>
<tr>
<td>MF3-0</td>
<td>MIL</td>
<td>576.40</td>
<td>576.40</td>
</tr>
<tr>
<td>MF3-0</td>
<td>INF</td>
<td>88.40</td>
<td>88.40</td>
</tr>
<tr>
<td>MF3-0</td>
<td>ICNN</td>
<td>426.40</td>
<td>426.40</td>
</tr>
</tbody>
</table>

* TO SEE ADDITIONAL MULTIPLE FARE DETAILS - USE WC*0MFxx

<table>
<thead>
<tr>
<th>VALIDATING CARRIER - K0</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAT 15 SALES RESTRICTIONS FREE TEXT FOUND - VERIFY RULES</td>
</tr>
</tbody>
</table>

**ITINERARY OPTION 1**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 FI</td>
<td>612</td>
<td>S 12MAY Q JFK KEF 0210P 1140P 75W 0</td>
</tr>
<tr>
<td>1 FI</td>
<td>450</td>
<td>S 13MAY F KEF LHR 0740A 1145A 76W 0</td>
</tr>
</tbody>
</table>

4ADT 2226.40 2226.40

**TOTAL FARE - USD** 2226.40

* TO SEE AGENCY MANAGED COMMISSION - USE JR01*COMM

<table>
<thead>
<tr>
<th>VALIDATING CARRIER - FI</th>
</tr>
</thead>
<tbody>
<tr>
<td>MF1-1</td>
</tr>
<tr>
<td>MF1-1</td>
</tr>
<tr>
<td>MF1-1</td>
</tr>
<tr>
<td>MF1-1</td>
</tr>
<tr>
<td>MF2-1</td>
</tr>
<tr>
<td>MF2-1</td>
</tr>
<tr>
<td>MF2-1</td>
</tr>
<tr>
<td>MF3-1</td>
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<tr>
<td>MF3-1</td>
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<tr>
<td>MF3-1</td>
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<tr>
<td>MF3-1</td>
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<tr>
<td>MF4-1</td>
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<td>MF4-1</td>
</tr>
<tr>
<td>MF5-1</td>
</tr>
<tr>
<td>MF5-1</td>
</tr>
<tr>
<td>MF6-1</td>
</tr>
<tr>
<td>MF6-1</td>
</tr>
</tbody>
</table>

* TO SEE ADDITIONAL MULTIPLE FARE DETAILS - USE JR01*MF01

<table>
<thead>
<tr>
<th>VALIDATING CARRIER - FI</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAT 15 SALES RESTRICTIONS FREE TEXT FOUND - VERIFY RULES</td>
</tr>
</tbody>
</table>

### 2.2.9 Filtering Capabilities by Change Fee/Refund Information/Maximum Penalty

MFPI allows you to exclude restrictions such as No Restrictions (XR), No Min/Max Stay (XS), No Advanced Purchase (XA), and No Penalty (XP). The new feature will enhance MFPI groups by adding the ability to use the optional Specify Max Penalty features. By adding this functionality, users requesting an MFPI request can use an optional Max Penalty qualifier to filter by fare flexibility and maximum penalty amounts.
The existing Max Penalty qualifier with all of its combinations will be added to MFPI groups as additional optional filtering criteria.

### 2.2.9.1 Maximum Penalty Filtering Features

<table>
<thead>
<tr>
<th>Filtering Capabilities</th>
<th>New secondary action codes (WP/JR/WPNI/W#)</th>
<th>New BFM schema elements in the request</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Request Information</strong></td>
<td>WPMP-I, WPNI+MP-I, JR../MP-I</td>
<td><code>&lt;VoluntaryChanges Match=&quot;Info&quot;/&gt;</code></td>
</tr>
<tr>
<td><strong>Refundable</strong></td>
<td>WPMR-ANY, WPNI+MPR-ANY, JR../MFR-ANY</td>
<td><code>&lt;VoluntaryChanges Match=&quot;All&quot;&gt;</code></td>
</tr>
<tr>
<td></td>
<td></td>
<td><code>&lt;Penalty Type=&quot;Refund&quot;/&gt;</code></td>
</tr>
<tr>
<td></td>
<td></td>
<td><code>&lt;/VoluntaryChanges&gt;</code></td>
</tr>
<tr>
<td><strong>Changeable</strong></td>
<td>WPMPC-ANY, WPNI+MPC-ANY, JR../MPC-ANY</td>
<td><code>&lt;VoluntaryChanges Match=&quot;All&quot;&gt;</code></td>
</tr>
<tr>
<td></td>
<td></td>
<td><code>&lt;Penalty Type=&quot;Exchange&quot;/&gt;</code></td>
</tr>
<tr>
<td></td>
<td></td>
<td><code>&lt;/VoluntaryChanges&gt;</code></td>
</tr>
<tr>
<td><strong>Either Changeable or Refundable</strong></td>
<td>WPMP-ANY, WPNI+MP-ANY, JR../MP-ANY</td>
<td><code>&lt;VoluntaryChanges Match=&quot;Any&quot;&gt;</code></td>
</tr>
<tr>
<td></td>
<td></td>
<td><code>&lt;Penalty Type=&quot;Exchange&quot;/&gt;</code></td>
</tr>
<tr>
<td></td>
<td></td>
<td><code>&lt;Penalty Type=&quot;Refund&quot;/&gt;</code></td>
</tr>
<tr>
<td></td>
<td></td>
<td><code>&lt;/VoluntaryChanges&gt;</code></td>
</tr>
<tr>
<td><strong>Specify Maximum Penalty Amounts</strong></td>
<td>MP-nnn (MP-0 or MP-100 or MP-USD100)</td>
<td><code>&lt;VoluntaryChanges Match=&quot;Any&quot;&gt;</code></td>
</tr>
<tr>
<td></td>
<td>WPMP-0, WPNI+MP-100, JR../MP-USD100</td>
<td><code>&lt;Penalty Type=&quot;Exchange&quot;/&gt;</code></td>
</tr>
<tr>
<td></td>
<td>WPMR-0, WPNI+MPC-100, JR../MPC-USD100</td>
<td><code>&lt;Penalty Type=&quot;Refund&quot;/&gt;</code></td>
</tr>
<tr>
<td></td>
<td></td>
<td><code>&lt;/VoluntaryChanges&gt;</code></td>
</tr>
<tr>
<td><strong>Changeable and Refundable</strong></td>
<td>WPMPC-ANY+MP-ANY, WPNI+MPC-ANY+MP-ANY, JR../MPC-ANY/MPC-ANY</td>
<td><code>&lt;VoluntaryChanges Match=&quot;All&quot;&gt;</code></td>
</tr>
<tr>
<td></td>
<td></td>
<td><code>&lt;Penalty Type=&quot;Exchange&quot;/&gt;</code></td>
</tr>
<tr>
<td></td>
<td></td>
<td><code>&lt;Penalty Type=&quot;Refund&quot;/&gt;</code></td>
</tr>
<tr>
<td></td>
<td></td>
<td><code>&lt;/VoluntaryChanges&gt;</code></td>
</tr>
</tbody>
</table>
Filtering Capabilities | New secondary action codes (WP/JR/WPNI/W#) | New BFM schema elements in the request |
---|---|---|
Changeable (with max penalty) and Refundable Example specifying max penalty amount to the change fee only. | WPMPC-100+MFR-ANY, WPNI‡MPC-100+MFR-ANY, JR.../MPC-100/MFR-ANY | 
--- | --- | --- |
Changeable (with max penalty) and Refundable (with max penalty) Example specifying max penalty amount to both change and refund fee. | WPMPC-200+MFR-100, WPNI‡MPC-200+MFR-100, JR.../MPC-200/MFR-100 | 
--- | --- | --- |
Non Refundable Excludes refundable fares. | WPMPR-N, WPNI‡MPC-N, JR.../MFR-N | 
--- | --- | --- |
Non Changeable Excludes changeable fares. | WPMPC-N, WPNI‡MPC-N, JR.../MPC-N | 
--- | --- | --- |
Either Non Changeable or Non Refundable Only non-changeable OR non-refundable (exclude if BOTH changeable AND refundable). | WPMP-N, WPNI‡MP-N, JR.../MP-N | 
--- | --- | --- |
Specify AFTER/BEFORE Departure Filtering meeting criteria of after and before departure defined in the request. Add "BEFDEP" or "AFTDEP" suffix to the qualifier on the input. | WPMPC-100/BEFDEP WPNI‡MPC-100/BEFDEP JR... /MPC-100/MFR-ANY/AFTDEP | 

- You cannot combine XR and XP parameters with the Max Penalty feature. If you combine the Max-Penalty qualifier with XR or XP, the error response of “Max Penalty is not combinable with XR” or “Max Penalty is not combinable with XP” will be returned.
- Max Penalty is an optional qualifier and can be used in any or all groups including main group.
- Different Max Penalty filters in different groups can be used.

### 2.2.9.2 JR Example

The Max Penalty qualifier will be an optional qualifier in the MFPI groups. New information will be made available in the responding screen display.

```
JR.JFK/S-0YLHR12MAY0000/MF-300¥MF1-C/P-ADT/MP-200¥MF2-Y/P-ADT/MP-100¥
ITINERARY OPTION 1
1 SU 101 T 12MAY Q JFK SVO 0220P 0625A 77W 0 /E
1 SU 2578 T 13MAY F SVO LHR 1005A 1205P 333 0 /E
```
MFPI penalty information is available in the follow up JR01*MFxx entry.

2.2.9.3 WPNI Example

The Max Penalty qualifier will be an optional qualifier in the MFPI groups. New information will be made available in the responding screen display.

MFPI penalty trailers in the follow up WC*xxMFxx entry.
2.2.9.4 Specify Maximum Penalty – WPNI/JR Error Messages

The XR and XP parameters are not combinable with the Max Penalty feature. If combined with the Max-Penalty qualifier, then one of the follow error messages will be displayed. This is applicable to both WPNI and JR entries.

```
JR.JFK/S-OYLHR12MAY0000/MP-300#MF1-C/P-ADT/XR/MP-200
Max Penalty is not combinable with XR
```

```
JR.JFK/S-OYLHR12MAY0000/MP-300#MF1-C/P-ADT/XP/MP-200
Max Penalty is not combinable with XP
```

2.2.10 Low Fare Search - Additional Examples

In the following example, you will see multiple ways to use Multiple Fare Per Itinerary via WPNI and JR.

2.2.10.1 Low Fare Search via JR Linear Command

Fare solutions will only be returned for a group where a fare is offered and available based on the qualifiers within the specific group. Due to this, there is the potential of fares not returning for each defined group.

The following example has nine groups defined in the JR entry. Option 1 only has fares available for groups 1, 2, 3, 4, 5, 6, and 9.

```
ITINERARY OPTION 1
1 K0 1555 Y 23MAY M ATL 1050 1240 739 0 /E
2 K0 101 Y 25MAY W LAX ATL 1045 1800 739 0 /E
1 ADT 243.20 243.20 LIB15
TOTAL FARE - USD 243.20
MF1-1 1GVT 508.20 508.20 *BR
MF2-1 1ADT 243.20 243.20 LIB15
MF3-1 1ADT 558.08 558.08 *BR
MF4-1 1ADT 243.20 243.20 LIB15
MF5-1 1ADT 243.20 243.20 LIB15
MF6-1 1ADT 350.70 350.70 LIB04
MF9-1 1MIL 345.60 345.60 *BR
* TO SEE ADDITIONAL MULTIPLE FARE DETAILS - USE JR01*MFxx
VALIDATING CARRIER - K0
CAT 15 SALES RESTRICTIONS FREE TEXT FOUND - VERIFY RULES
```

```
ITINERARY OPTION 2
1 XX 1315 Q 23MAY M ATL DFW 0615 0725 738 0 /E
1 XX 2442 Q 23MAY M DFW LAX 0838 1000 757 0 /E
2 YY /XX 1200 T 25MAY W LAX ATL 2230 0549 319 0 /E
OPERATED BY AMERICAN AIRLINES
```
1ADT 337.98 337.98
TOTAL FARE - USD 337.98
MF3-2 1ADT 337.98 337.98
MF4-2 1ADT 337.98 337.98
MF6-2 1ADT 337.98 337.98 LIB04
* TO SEE ADDITIONAL MULTIPLE FARE DETAILS - USE JR02*MFxx
VALIDATING CARRIER - XX
ALTERNATE VALIDATING CARRIER/S - YY

ITINERARY OPTION 3
1 YY /XX 1182 H 23MAY M ATL LAX 0700 0841 319 0 /E
OPERATED BY AMERICAN AIRLINES
2 YY /XX 1200 T 25MAY W LAX ATL 2230 0549 319 0 /E
OPERATED BY AMERICAN AIRLINES
1ADT 366.29 366.29
TOTAL FARE - USD 366.29
MF3-3 1ADT 366.29 366.29
MF4-3 1ADT 366.29 366.29
MF6-3 1ADT 366.29 366.29 LIB04
* TO SEE ADDITIONAL MULTIPLE FARE DETAILS - USE JR03*MFxx
VALIDATING CARRIER - YY

2.2.11 Low Fare Search via WPNI Linear Command

WPNI=MF1-L+PGVT=MF2-Q+PMIL=MF3+ILIB04=MF4+ILIB15
BARGAIN FINDER PLUS IN PROGRESS PLEASE WAIT
WPNI=MF1-L+PGVT=MF2-Q+PMIL=MF3+ILIB04=MF4+ILIB15
CURRENT ITINERARY-ALREADY BOOKED AT LOWEST AVAIL FARE
1 K0 2277 Y 20OCT T ATL LAX 0725A 0920A 73H 0 /E
2 K0 2222 Y 24OCT J LAX ATL 0645A 0158P 752 0 /E
2ADT 243.20 486.40 LIB15
TOTAL FARE - USD 486.40
MF1-0 2GVT 508.20 1016.40 *BR
MF3-0 2ADT 350.70 701.40 LIB04
MF4-0 2ADT 243.20 486.40 LIB15
* TO SEE ADDITIONAL MULTIPLE FARE DETAILS - USE WC*0MFxx
VALIDATING CARRIER - K0
CAT 15 SALES RESTRICTIONS FREE TEXT FOUND - VERIFY RULES

BARGAIN FINDER PLUS ITINERARY OPTIONS

OPTION 1
1 XX 2437 O 20OCT T ATL LAX 1230P 0220P 319 0 /E
2 XX 1249 O 24OCT J LAX ATL 1000A 0521P 319 0 /E
2ADT 166.20 332.40
TOTAL FARE - USD 332.40
MF1-1 2GVT 348.20 696.40
MF2-1 2MIL 413.40 826.80
* TO SEE ADDITIONAL MULTIPLE FARE DETAILS - USE WC*1MFxx

2.2.11.1 Examples of Entry and Response to Display Multiple Fare Group Details

Note  Display specific group details: (based on Itinerary Option 1 above)

WC*1MF01«
MF1 2GVT L
2.2.12 Low Fare Search via WPNI Linear Command with Branded Fare Detail

When a Branded Fare is the lowest fare for the MFPI group, it will be returned. The details of the Branded Fare can be displayed.

<table>
<thead>
<tr>
<th>WPNI¤MF1-F+PGVT=MF2-V«</th>
</tr>
</thead>
<tbody>
<tr>
<td>BARGAIN FINDER PLUS IN PROGRESS PLEASE WAIT</td>
</tr>
<tr>
<td>WPNI¤MF1-F+PGVT=MF2-V</td>
</tr>
<tr>
<td>CURRENT ITINERARY—LOWER AVAIL CLASS OF SERVICE FOUND</td>
</tr>
<tr>
<td>1 XX /K0  5009 M 12DEC J LHR AUH 1405 0120 388 0 /E</td>
</tr>
<tr>
<td>OPERATED BY ETIHAD AIRWAYS</td>
</tr>
<tr>
<td>1 ADT  2749.60  2749.60</td>
</tr>
<tr>
<td>TOTAL FARE - USD  2749.60</td>
</tr>
<tr>
<td>MF2-0 1 ADT  2749.60  2749.60</td>
</tr>
<tr>
<td>* TO SEE ADDITIONAL MULTIPLE FARE DETAILS - USE WC*0MFxx</td>
</tr>
<tr>
<td>VALIDATING CARRIER - K0</td>
</tr>
<tr>
<td>CAT 15 SALES RESTRICTIONS FREE TEXT FOUND - VERIFY RULES</td>
</tr>
<tr>
<td>REBOOK TO OBTAIN ABOVE FARE-USE WPNCB</td>
</tr>
</tbody>
</table>

BARGAIN FINDER PLUS ITINERARY OPTIONS

OPTION 1

| 1 K0 /EI  7925 V 12DEC J LHR DUB 1620 1740 320 0 /E + |
| OPERATED BY AER LINGUS LIMITED |
| 1 K0  5965 V 12DEC J DUB AUH 1900 0400 333 0 /E |
| BR1-1 1 ADT  625.70  625.70 |
| TOTAL FARE - USD  625.70 |
| VALIDATING CARRIER - K0 |
| MF2-1 1 ADT  625.70  625.70 *BR |
| VALIDATING CARRIER - K0 |
| * TO SEE ADDITIONAL BRAND DETAILS - USE WC*1BRxx |
| * TO SEE ADDITIONAL MULTIPLE FARE DETAILS - USE WC*1MFxx |

WC*1MF02«

MF2 2MIL Q

2.2.13 Low Fare Search via WPNI Linear Command with Multiple Cabins

<table>
<thead>
<tr>
<th>WPNI¤MF1-F#MF2-V«</th>
</tr>
</thead>
<tbody>
<tr>
<td>BARGAIN FINDER PLUS IN PROGRESS PLEASE WAIT</td>
</tr>
<tr>
<td>WPNI¤MF1-F#MF2-V</td>
</tr>
</tbody>
</table>

WC*1MF02«

MF2 2MIL Q
2.3 **Bargain Finder Max**

The appropriate *Bargain Finder Max* schema version is required to use the Multiple Fares Per Itinerary functionality. New request and response elements are available.

### 2.3.1 Bargain Finder Max – Request

The Multiple Fares Per Itinerary group definition path:

```
OTA_AirLowFareSearchRQ/TravelPreferences/TPA_Extensions/FlexibleFares
```

<FlexibleFares> is the Multiple Fares Per Itinerary group creation tag.

#### 2.3.1.1 SOAP Request

```
<OTA_AirLowFareSearchRQ>
<TravelPreferences>
    <TPA_Extensions>
        <TripType Value="OneWay"/>
        <FlexibleFares>
            <FareParameters>
                <ExcludeRestricted Ind="true"/>
                <PublicFare Ind="true"/>
                <Cabin Type="Y"/>
            </FareParameters>
        </FlexibleFares>
    </TPA_Extensions>
</TravelPreferences>
</OTA_AirLowFareSearchRQ>
```
2.3.1.2 REST Request

```json
{
    "OTA_AirLowFareSearchRQ": {
        "TravelPreferences": {
            "TPA_Extensions": {
                "TripType": {
                    "Value": "OneWay"
                },
                "FlexibleFares": {
                    "FareParameters": [
                        {
                            "ExcludeRestricted": {
                                "Ind": true
                            },
                            "PublicFare": {
                                "Ind": true
                            },
                            "Cabin": {
                                "Type": "Y"
                            }
                        },
                        {
                            "ResTicketing": {
                                "Ind": true
                            }
                        }
                    ]
                }
            }
        }
    }
}
```
"PassengerType": { "Code": "ADT" },
"RefundPenalty": { "Ind": true },
"MinMaxStay": { "Ind": true },
"PrivateFare": { "Ind": true },
"Cabin": { "Type": "Y" },
"PassengerType": { "Code": "ADT" },
"RefundPenalty": { "Ind": true },
"Cabin": { "Type": "Y" },
"Cabin": { "Type": "C" },
"ExcludeRestricted": { "Ind": true },
"Cabin": { "Type": "F" },
"Cabin": { "Type": "F" },
"PassengerType": { "Code": "CNN" }},

}
2.3.2 Bargain Finder Max – Response

The information for the MFPI solutions returned in the Bargain Finder Max response will be found in the following path.

OTA_AirLowFareSearchRS/PricedItineraries/TPA_Extensions/AdditionalFares

The MFPI associated group number will be provided as FlexibleFareID= as in the following response.

2.3.2.1 SOAP Response

```xml
<OTA_AirLowFareSearchRS>
  <PricedItineraries>
    <TPA_Extensions>
      <AdditionalFares>
        <AirItineraryPricingInfo PricingSource="ADVJR1" PricingSubSource="MIP" FlexibleFareID="1">
```

2.3.2.2 REST Response

```json
"TPA_Extensions": {
  "AdditionalFares": [
    {
      "AirItineraryPricingInfo": {
        "LastTicketDate": "2016-11-16",
        "FlexibleFareID": 1,
        "PricingSource": "ADVJR1",
        "PricingSubSource": "MIP",
        "FareReturned": true,
        "ItinTotalFare": {
```

2.3.3 Bargain Finder Max – Corporate ID/Account Code

The new schema element NegotiatedFaresOnly with the attribute @Ind was added into the OTA Flex Fare Group Definition in following path:

OTA_AirLowFareSearchRQ/TravelPreferences/TPA_Extensions/FlexibleFares/FareParameters/NegotiatedFaresOnly/@Ind

NegotiatedFaresOnly/@Ind set to “true” indicates the returned fares must match Corporate ID/Account Code specified in the Fare Group definition on all fare components.

2.3.3.1 Soap Request – Corporate ID/Account Code Example

Following is a snippet from the OTA request with the new element in the MFPI group:
<OTA_AirLowFareSearchRQ>
  <TravelPreferences>
    <TPA_Extensions>
      <FlexibleFares>
        <FareParameters>
          <PassengerType Code="NEG"/>
          <NegotiatedFaresOnly Ind="true"/>
          <AccountCode Code="LLL10"/>
        </FareParameters>
      </FlexibleFares>
    </TPA_Extensions>
  </TravelPreferences>
</OTA_AirLowFareSearchRQ>

Note  There is no change in the response.

2.3.3.2  REST Request – Corporate ID/Account Code Example

Following is a snippet from the request with the new element in the MFPI group:

{  "OTA_AirLowFareSearchRQ": {  "TravelPreferences": {  "TPA_Extensions": {  "FlexibleFares": {  "FareParameters": [{  "PassengerType": {  "Code": "NEG"  },  "NegotiatedFaresOnly": {  "Ind": true  },  "AccountCode": [{  "Code": "LLL10"  }]  }  }]  }}}

2.3.4  Bargain Finder Max – Expand Jump Cabin

The new optional element JumpCabinLogic with the attribute Disabled was added in the path:
OTA_AirLowFareSearchRQ/TravelPreferences/TPA_Extensions/FlexibleFares/FareParameters/JumpCabinLogic/@Disabled

JumpCabinLogic/@Disabled set to “true” triggers the Expand Jump Cabin logic in shopping.

2.3.4.1  Soap Request – Expand Jump Cabin Example

Following is a snippet from the OTA request with the new element in the MFPI group:
2.3.4.2 REST Request – Expand Jump Cabin Example

Following is a snippet from the request with the new element in the MFPI group:

```xml
<TravelPreferences>
  <TPA_Extensions>
    <FlexibleFares>
      <Cabin Type="C"/>
      <JumpCabinLogic Disabled="true"/>
    </FlexibleFares>
  </TPA_Extensions>
</TravelPreferences>
```

2.3.5 Bargain Finder Max – Disable Jump Cabin

The new optional element KeepSameCabin with attribute Enabled was added in the path:

`OTA_AirLowFareSearchRQ/TravelPreferences/TPA_Extensions/FlexibleFares/FareParameters/KeepSameCabin/@Enabled`

When the value of KeepSameCabin/@Enabled is set to “true,” it will trigger the Disable Jump Cabin logic in shopping.

2.3.5.1 Soap Request – Disable Jump Cabin Example

Following is a snippet from the OTA request with the new element in the MFPI group:

```xml
{
  "OTA_AirLowFareSearchRQ": {
    "TravelPreferences": {
      "TPA_Extensions": {
        "FlexibleFares": {
          "FareParameters": [{
            "JumpCabinLogic": {
              "Disabled": true
            },
          },
        }
      }
    }
  }  
}
2.3.5.2 REST Request – Disable Jump Cabin Example

Following is a snippet from the request with the new element in the MFPI group:

```xml
<TravelPreferences>
  <TPA_Extensions>
    <FlexibleFares>
      <FareParameters>
        <Cabin Type="S"/>
        <KeepSameCabin Enabled="true"/>
      </FareParameters>
    </FlexibleFares>
  </TPA_Extensions>
</TravelPreferences>
```

2.3.6 Passenger Type – XO Qualifier

The new optional element XOFares with attribute Ind was added in the path:

**OTA_AirLowFareSearchRQ/TravelPreferences/TPA_Extensions/FlexibleFares/FareParameters/XOFares/@Ind**

When XOFares/@Ind is set to “true,” then only the fares matching the requested passenger type will be returned on all fare components. Otherwise, the fare matching specified passenger type will be returned on at least one leg.

2.3.6.1 SOAP Request – Example

Excerpt from OTA request with new element in MFPI group:

```xml
<TravelPreferences>
  <TPA_Extensions>
    <FlexibleFares>
      <FareParameters>
        <XOFares Ind="true"/>
        <PassengerTypeQuantity Code="SEA" Quantity="1"/>
      </FareParameters>
    </FlexibleFares>
  </TPA_Extensions>
</TravelPreferences>
```
2.3.6.2  REST Request – Example

Following is a snippet from the request with the new element in the MFPI group:

```json
{
  "OTA_AirLowFareSearchRQ": {
    "TravelPreferences": {
      "TPA_Extensions": {
        "FlexibleFares": {
          "FareParameters": {
            "XOFares": {
              "Ind": true
            },
            "PassengerTypeQuantity": [
              
            ]
          }
        }
      }
    }
  }
}
```

2.3.7  Multiple Passenger Types

The new optional element `PassengerTypeQuantity` was added in the path.

**OTA_AirLowFareSearchRQ/TravelPreferences/TPA_Extensions/FlexibleFares/FareParameters/PassengerTypeQuantity**

The new element includes two attributes:

- **@Code** – to specify the requested passenger code.
- **@Quantity** – to specify the number of the given passenger types.

Up to four `PassengerTypeQuantity` elements with different Passenger Types Codes can be added in a single Multiple Fares Group. The number of the passengers must be the same across all groups including the main group.

2.3.7.1  SOAP Request - Example

Following is a snippet from the OTA request with the new element in the MFPI group:

```xml
<TravelPreferences>
  <TPA_Extensions>
    <FlexibleFares>
      <FareParameters>
        <PassengerTypeQuantity Code="SEA" Quantity="1"/>
        <PassengerTypeQuantity Code="MIL" Quantity="1"/>
      </FareParameters>
    </FlexibleFares>
  </TPA_Extensions>
</TravelPreferences>
```
2.3.7.2 REST Request - Example

Following is a snippet from the request with the new element in the MFPI group:

```xml
<SeatsRequested>2</SeatsRequested>
<AirTravelerAvail>
    <PassengerTypeQuantity Code="ADT" Quantity="2"/>
</AirTravelerAvail>
</TravelerInfoSummary>
```

2.3.8 Filtering Capabilities by Change Fee/Refund Information/Maximum Penalty

The Specify Max Penalty functionality has been made available in the MFPI group level. This will introduce new request schema elements within the group.

The new optional element VoluntaryChanges was added in the path.

**OTA_AirLowFareSearchRQ/TravelPreferences/TPA_Extensions/FlexibleFares/FareParameters/VoluntaryChanges**

The new element includes two attributes:

- **@Type** - to specify the type of penalty, with a value “Exchange” or “Refund.”
- **@Amount** – to specify the penalty amount.

Specific Max Penalty (SMP) in the flex fare group will be validated in same way as it does now for the main fare.

MFPI group definition will be ignored when:

- There is more than one penalty definition.
- Refund penalty indicator is set to false, and SMP is defined but not in info mode.
- There is no more than one refund or one exchange.

2.3.8.1 Soap Request - Example

Following is a snippet from the OTA request with the Max Penalty specified in the MFPI group:

```xml
{   "OTA_AirLowFareSearchRQ": {   "TravelPreferences": {   "TPA_Extensions": {   "FlexibleFares": {   "FareParameters": [   {   "PassengerTypeQuantity": {   [   "Code": "ADT",   "Quantity": 1   }   }   ]   }   }   }   }   }```
<FlexibleFares>
  <FareParameters>
    <VoluntaryChanges Match="Any Info">
      <Penalty Type="Refund|Exchange"
        Application="After|Before"
        Exclude="true|false"
        Amount="" CurrencyCode=""/>
    </VoluntaryChanges>
  </FareParameters>
</FlexibleFares>

### 2.3.8.2 REST Request - Example

Excerpt from request with Max Penalty specified in MFPI group:

```
{
  "OTA_AirLowFareSearchRQ": {
    "TravelPreferences": {
      "TPA_Extensions": {
        "FlexibleFares": {
          "FareParameters": [
            { "RefundPenalty": { "Ind": true }
          ]
        }
      }
    }
  }
}
```

### 2.3.8.3 SOAP Response - Example

```
<PenaltiesInfo>
  <Penalty Type="Exchange" Applicability="Before" Changeable="true"
    ConditionsApply="true" Amount="150.00" DecimalPlaces="2" CurrencyCode="USD"/>
  <Penalty Type="Exchange" Applicability="After" Changeable="false"/>
  <Penalty Type="Refund" Applicability="Before" Refundable="false"
    Cat16Info="true"/>
  <Penalty Type="Refund" Applicability="After" Refundable="false"
    Cat16Info="true"/>
</PenaltiesInfo>
```