API Developer Notes

Distinguishing Private Fares, Web Fares and Cat35 Fares

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Contents

Overview

Many travel agencies use the Galileo Private Fare system to file their negotiated fares. They file these fares using an account code agreed upon with the airline. Agencies also use the ATPCo-loaded fares (Web fares) that can be found in the Galileo Private Fare system. Although the Private Fare system was intended to be used for fares with retail pricing, some agencies use the system to file fares with wholesale pricing, which they mark up at the time of sale.

Note: In addition to Private Fares and Web fares, this document also applies to Agency Private Fares that have been filed with account codes.

Normally, when a low fare search request is made for Private Fares with a specific account code, Private Fares that match the entered account code are returned with Private Fares that do not require an account code. Fares without an account code can be:

- Agency Private Fares

- Negotiated fares that were entered without an account code.

- Web fares filed by the airline. In Apollo and Galileo, Web fares are filed as private fares without an account code.

In the fare response, there is no way to differentiate between negotiated fares entered without an account code, Agency Private Fares without account codes, and airline-filed Web fares.

Previously, the only reliable way to know which fares were agency-negotiated fares was to keep a table of the fare basis codes of the negotiated fares. If a private fare was returned with a fare basis code that was not in the table, then it was, by default, a Web fare.

Note: In early 2008, Galileo by Travelport introduced the ability to receive Private Net (Category 35) Fares. The enhancements to the Fare Display allows users to identify negotiated fares that their location is authorized to sell and/or ticket. See *Private Net (Category 35) Fares* on *page 9*.

Account Code Search

There is now functionality in the low-fare shopping and fare quote requests that provides a way to obtain *only* Private Fares that match a specific account code. The ability to limit the response is accomplished by new elements that have been added to FareQuoteSuperBB, FareQuoteDollarSaver, FareQuoteStandard, and similar transactions. Transaction versions 8_3 and prior do not have this functionality.

The new elements, <PFTypeRestrict> and <AcctCodeRestrict>, in conjunction with the <AirV> and <PublishedFaresInd> elements, allow you to restrict the response to:

- <AirV> – A specific carrier.

- <PublishedFaresInd> – Published fares and PF fares when the value is set to *Y*, or only PF fares when the value is set to *N*.

- <PFTypeRestrict> – Only Airline Private Fares when the value is set to *A*, only Agency Private Fares when this element is set to *G*, or both if this element is empty.

- <AcctCodeRestrict> – Only private fares that match a specific account code when the value is set to *Y*. The fare response does not include Web fares or any other negotiated fare (including APF fares) that have no account code.

In the older versions of the FareQuoteSuperBB, FareQuoteDollarSaver, FareQuoteStandard, and similar transactions, the Private Fare elements looked like:

Previous SuperBB Private Fare section	Previous Fare Quote Private Fare section

`<PF>`
    `<StartODRange>00</StartODRange>`
    `<EndODRange>00</EndODRange>`
    `<CRS>1V</CRS>`
    `<PCC>yourPCC</PCC>`
    `<AirV/>`
    `<Acct>yourAcctCode</Acct>`
    `<Contract/>`
    `<PublishedFaresInd>Y</PublishedFaresInd>`
    `<Type>V</Type>`
`</PF>`
	`<PFQual>`
	    `<CRSInd>1V</CRSInd>`
	    `<PCC> yourPCC </PCC>`
	    `<AirV/>`
	    `<Acct>yourAcctCode</Acct>`
	    `<Contract/>`
	    `<PublishedFaresInd>Y</PublishedFaresInd>`
	    `<Type>V</Type>`
	`</PFQual>`

With the new elements, <AirV>, <PublishedFaresInd>, <PFTypeRestrict>, and <AcctCodeRestrict>, the private fare sections now look like:

Updated SuperBB Private Fare section	Updated Fare Quote Private Fare section

`<PF>`
    `<StartODRange>00</StartODRange>`
    `<EndODRange>00</EndODRange>`
	`<PFQual>`
	    `<CRSInd>1V</CRSInd>`
	    `<PCC> yourPCC </PCC>`

```
        <CRS>1V</CRS>                              <AirV/>

        <PCC>yourPCC</PCC>                         <Acct>yourAcctCode</Acct>

        <AirV/>                                    <Contract/>

        <Acct>yourAcctCode</Acct>                  <PublishedFaresInd>N</PublishedFaresInd>

        <Contract/>                                <Type>V</Type>

        <PublishedFaresInd>N</PublishedFaresInd>   <PFTypeRestrict/>

        <Type>V</Type>                             <AcctCodeRestrict>Y</AcctCodeRestrict>

        <PFTypeRestrict/>                          <Spare1/>

        <AcctCodeRestrict>Y</AcctCodeRestrict>   </PFQual>

        <Spare1/>

</PF>
```

The addition of these elements provides flexibility for retrieving specific fare types. Although Web fares are not directly identified as such, you can now generate requests that do not mix Web fares with your negotiated fares. To ensure fares are not mixed together, more than one request can be required.

For example, to return retail, Web, and your negotiated fares, one request is required for retail fares and Private Fares with no account code and a second request is required for your negotiated fares that require an account code. Remember that Private Fares without an account code can be Web fares, APF fares, and Private Fares.

Fare Retrieval Options

The following table illustrates how typical scenarios can be formatted.

Shopping / Quoting Option	Request Format
Published fares No Web fares or Negotiated Fares	Omit Private Fare section entirely
Published fares Web fares Negotiated fares with no account code	Include Private Fare section with your PCC – no account code. <PublishedFaresInd> set to Y <AcctCodeRestrict> set to N
Published fares Web fares Negotiated fares with or without an account code	Include Private Fare section with your PCC including an account code. <PublishedFaresInd> set to Y <AcctCodeRestrict> set to N
Published fares No Web fares Negotiated fares with an account code	Include Private Fare section with your PCC including an account code. <PublishedFaresInd> set to Y <AcctCodeRestrict> set to Y
Web fares	Include Private Fare section with your PCC including an account code.

Negotiated fares with or without an account code	<PublishedFaresInd> set to N <AcctCodeRestrict> set to N
Negotiated fares only with an account code	Include Private Fare section with your PCC including an account code. <PublishedFaresInd> set to N <AcctCodeRestrict> set to Y

Sample SuperBB Request (FareQuoteSuperBB_#)

The following example is a one-way SuperBB Low-Fare Shop request for low-fare itineraries that match Private Fares filed under the ABCD account code from Northwest airlines. It does not request published or Web fares.

```
<FareQuoteSuperBB_#>

    <AirAvailMods>

        <GenAvail>

            <NumSeats>1</NumSeats>

            <Class/>

            <StartDt>20061115</StartDt>

            <StartPt>IAH</StartPt>

            <EndPt>HDN</EndPt>

            <StartTm>0800</StartTm>

            <TmWndInd>D</TmWndInd>

            <StartTmWnd>0600</StartTmWnd>

            <EndTmWnd>2359</EndTmWnd>

            <JrnyTm><![CDATA[ ]]></JrnyTm>

            <FltTypeInd/>

            <StartPtInd/>

            <EndPtInd/>

            <IgnoreTSPref/>

        </GenAvail>

    </AirAvailMods>

    <SuperBBMods>

        <PassengerType>

            <PsgrAry>

                <Psgr>

                    <LNameNum>01</LNameNum>
```

```xml
<PsgrNum>01</PsgrNum>

<AbsNameNum>01</AbsNameNum>

<PTC>ADT</PTC>

<Age><![CDATA[  ]]></Age>

<PricePTCOnly>N</PricePTCOnly>

</Psgr>

</PsgrAry>

</PassengerType>

<PFInfo>

<ReqAirVPFs>Y</ReqAirVPFs>

<PFAry>

<PF>

<StartODRange>00</StartODRange>

<EndODRange>00</EndODRange>

<CRS>1V</CRS>

<PCC>yourPCC </PCC>

<AirV>NW</AirV>

<Acct>ABCD</Acct>

<Contract/>

<PublishedFaresInd>N</PublishedFaresInd>

<Type>V</Type>

<PFTypeRestrict/>

<AcctCodeRestrict>Y</AcctCodeRestrict>

<Spare1/>

</PF>

</PFAry>

</PFInfo>

</SuperBBMods>

</FareQuoteSuperBB_#>
```

Sample Best Buy Quote (FareQuoteDollarSaver_#)

The following example is a fare quote best buy request that returns a Best Buy fare quote and considers only normal published retail fares and your negotiated fares with an account code of ABCD. It does not request Web fares, APF fares, or negotiated fares without an account code.

```xml
<FareQuoteDollarSaver_#>

    <DollarSaverMods>

        <PassengerType>

            <PsgrAry>

                <Psgr>

                    <LNameNum>01</LNameNum>

                    <PsgrNum>01</PsgrNum>

                    <AbsNameNum>01</AbsNameNum>

                    <PTC>ADT</PTC>

                    <Age><![CDATA[  ]]></Age>

                    <PricePTCOnly>N</PricePTCOnly>

                </Psgr>

            </PsgrAry>

        </PassengerType>

    <SegSelection>

        <ReqAirVPFs>Y</ReqAirVPFs>

        <SegRangeAry>

            <SegRange>

                <StartSeg>00</StartSeg>

                <EndSeg>00</EndSeg>

                <FareType>P</FareType>

                <PFQual>

                  <CRSInd>1V</CRSInd>

                    <PCC>yourPCC </PCC>

                    <AirV/>

                    <Acct>ABCD</Acct>

                  <Contract/>

                  <PublishedFaresInd>Y</PublishedFaresInd>

                  <Type>V</Type>
```

```xml
                    <PFTypeRestrict/>

                    <AcctCodeRestrict>Y</AcctCodeRestrict>

                    <Spare1/>

                </PFQual>

            </SegRange>

        </SegRangeAry>

    </SegSelection>

  </DollarSaverMods>

</FareQuoteDollarSaver_#>
```

Storing Prices

When storing a fare during the booking process, it is important to use a store price format that is consistent with the format used to obtain the fare. The new Private Fare restriction tags have been added to the store price function of PNRBFManagement_8 and later versions. The <PFQual> element of the <SegSelection> element in the <StorePriceMods> element must match the format used to obtain the original fare.

Private Net (Category 35) Fares

Category 35 fare data, also known as Cat 35, handles the requirements of negotiated fares, such as:

- Multiple, related fare amounts.

- Ticketing.

- Fare mark-ups.

- Enhanced security over Category 15 (Sales Restrictions).

Airlines and third-party vendors authorize their negotiated fares to be used selectively by travel agents, consolidators, and other industry groups. These fares differ from published fares in fare and/or commission level and applicable conditions.

Ticketing Data of Cat 35 Fares are automatically incorporated in fare quotes to enable automated ticketing, which includes Net Remit, IT (Inclusive Tour), or BT (Bulk Tour) data. Depending on the authorization given by the airline, ticketing PCC, or requestor PCC, different fare data can be displayed and quoted by Pseudo City Code: net fare, sell fare, and ticket fare.

Note: Not all travel agencies are able to issue tickets with Cat 35 fare data.

A typical filing gives sell and ticket authority of the net and sell fare (mark-up) level to the Pseudo City who signed the Net fare contract. Sell authority is given to the Pseudo Cities that may only view the selling level. The granted authority to view, display, or issue the tickets is:

Requestor Pseudo City Code:

- Who can display, quote, and sell the mark-up fare.

Ticketing Pseudo City Code:

- Who can display the different fare levels filed in Cat 35, Net, and Ticket fare.

- Who can display the Net Ticketing Data Summary.

- Who can display the detailed Data Summary.

- Where fulfillment is accomplished (business location of the PCC, or TCTY in the AAT).

There are different authority level variables that depend in the negotiation between the airline and the travel agency.

Note: At this time, only Galileo CRS customers have access to Cat 35 fares; Apollo CRS customers do not have access currently. See the Fare Quote task documents and transaction documentation in the help system to view specific field-level details regarding the transaction-level processing of Cat 35 data.

Sample SuperBB Request and Cat 35 Specific Response (FareQuoteSuperBB_#)

Request

```
<FareQuoteSuperBB_11>

    <AirAvailMods>

        <GenAvail>

            <NumSeats>01</NumSeats>

            <Class>Y</Class>

            <StartDt>20071031</StartDt>

            <StartTm>0001</StartTm>

            <TmWndInd>D</TmWndInd>

            <StartTmWnd>0001</StartTmWnd>

            <EndTmWnd>2359</EndTmWnd>

            <StartPtInd>B</StartPtInd>

            <EndPtInd>B</EndPtInd>

            <StartPt>LHR </StartPt>

            <EndPt>FCO </EndPt>

            <FltTypePref/>

            <IncNonStopDirectsInd/>

            <IncStopDirectsInd/>

        </GenAvail>

    </AirAvailMods>

    <AirAvailMods>

        <GenAvail>

            <NumSeats>01</NumSeats>

            <Class>Y</Class>

            <StartDt>20071115</StartDt>

            <StartTm>0001</StartTm>

            <TmWndInd>D</TmWndInd>

            <StartTmWnd>0001</StartTmWnd>

            <EndTmWnd>2359</EndTmWnd>
```

```xml
          <StartPtInd>B</StartPtInd>

          <EndPtInd>B</EndPtInd>

          <StartPt>FCO </StartPt>

          <EndPt>LHR </EndPt>

          <FltTypePref/>

          <IncNonStopDirectsInd/>

          <IncStopDirectsInd/>

      </GenAvail>

  </AirAvailMods>

  <SuperBBMods>

      <PassengerType>

          <PsgrAry>

              <Psgr>

                  <LNameNum>01</LNameNum>

                  <PsgrNum>01</PsgrNum>

                  <AbsNameNum>01</AbsNameNum>

              </Psgr>

          </PsgrAry>

      </PassengerType>

      <PlatingAirVMods>

          <PlatingAirV>AZ</PlatingAirV>

      </PlatingAirVMods>

      <PFInfo>

          <ReqAirVPFs>Y</ReqAirVPFs>

          <PFAry>

              <PF>

                  <StartODRange>00</StartODRange>

                  <EndODRange>00</EndODRange>

                  <CRS>1G</CRS>

                  <AirV>AZ</AirV>

                  <Acct>AZ01</Acct>

                  <PCC>XR7</PCC>
```

```
                              <AcctCodeRestrict>Y</AcctCodeRestrict>

                              <PublishedFaresInd>N</PublishedFaresInd>

                    <Type>A</Type>

                </PF>

            </PFAry>

        </PFInfo>

    </SuperBBMods>

</FareQuoteSuperBB_11>
```

Response

The distinguishing feature of Cat35 fares displays in the <ExtendedQuoteInformation> element in the response.

```
<ExtendedQuoteInformation>

        <UniqueKey>1</UniqueKey>

        <QuoteNum>1</QuoteNum>

        <ETkInd>N</ETkInd>

        <PaperTkInd>N</PaperTkInd>

        <PlatingInd>N</PlatingInd>

        <NetFareInd>Y</NetFareInd>

        <TkFareInd>Y</TkFareInd>

        <LLPFQuoted>N</LLPFQuoted>

        <CommUnresolved>N</CommUnresolved>

        <DataRetQuote>Y</DataRetQuote>

        <FareIT>N</FareIT>

        <BagInd>N</BagInd>

        <TkDesignator>N</TkDesignator>

        <FareBT>N</FareBT>

        <FiledNetFare>Y</FiledNetFare>

        <NTypeComm>N</NTypeComm>

        <Spare1>YN</Spare1>

        <NetFareCrncy>GBP</NetFareCrncy>

        <NetFareAmt>30000</NetFareAmt>

        <NetFareNumDecs>2</NetFareNumDecs>
```

```xml
<EquivNetFareCrcy>USD</EquivNetFareCrcy>

<EquivNetFareAmt>30000</EquivNetFareAmt>

<EquivNumDecs>2</EquivNumDecs>

<TotNetCrcy>USD</TotNetCrcy>

<TotNetAmt>71226</TotNetAmt>

<TotNetNumDecs>2</TotNetNumDecs>

<TkFareCrcy>GBP</TkFareCrcy>

<TkFareAmt>30000</TkFareAmt>

<TkNumDecs>2</TkNumDecs>

<EquivTkCrncy>USD</EquivTkCrncy>

<EquivTkAmt>30000</EquivTkAmt>

<EquivTkNumDecs>2</EquivTkNumDecs>

<TotTkCrncy>USD</TotTkCrncy>

<TotTkAmt>71226</TotTkAmt>

<TotTkNumDecs>2</TotTkNumDecs>

<CrncyBaseFareTkPsgrCoupon>GBP</CrncyBaseFareTkPsgrCoupon>

<TkPsgrCouponAmt>30000</TkPsgrCouponAmt>

<TkPsgrCouponNumDecs>2</TkPsgrCouponNumDecs>

<EquivCrncyTkPsgrCoupon>USD</EquivCrncyTkPsgrCoupon>

<EquivAmtTkPsgrCoupon>59500</EquivAmtTkPsgrCoupon>

<EquivNumDecsTkPsgrCoupon>2</EquivNumDecsTkPsgrCoupon>

<TotCrncyTkPsgrCoupon>USD</TotCrncyTkPsgrCoupon>

<TotAmtTkPsgrCoupon>71226</TotAmtTkPsgrCoupon>

<TotNumDecsTkPsgrCoupon>2</TotNumDecsTkPsgrCoupon>

<MethodType/>

<Type>T</Type>

<CARCode/>

<ValueCode/>

<TkPCC>XR7</TkPCC>

<TkPCCIATANum>9999999</TkPCCIATANum>

<SellingPCC>XR7</SellingPCC>

<SellingIATANum>9999999</SellingIATANum>
```

```xml
<TkPCCTkAuthority>Y</TkPCCTkAuthority>

<TkPCCSellAuthority>Y</TkPCCSellAuthority>

<SellPCCTkAuthority>Y</SellPCCTkAuthority>

<SellPCCSellAuthority>Y</SellPCCSellAuthority>

<Spare2>NNNN</Spare2>
</ExtendedQuoteInformation>
```

Appendix A: Fare Categories 15, 18, 25

Category 15 (Cat 15) – Sales Restrictions

Cat 15 can have associated data that applies to public and/or private fares. A pricing response for a Cat 15 coded fare will not include an affirmative CAT 15 flag. Note that only *Airline* private fares can be Cat 15; all *Agency* private fares are Cat 35. Private fares returned in a pricing request that are not Cat 35 will have Cat 15 security coding.

Category 18 (Cat 18) – Endorsement Box Messages

Cat 18 is only used for endorsement box messages, so fares are not flagged as Cat 18 fares in a pricing response. Instead, for public or private fares having one or more endorsement box messages, the pricing response returns each fare via the GFMM <InfoMsg> KLR with a '01' value in the "Message Type" field or <MsgType> tag.

Category 25 (Cat 25) – Fare by Rule

The GDS has an internal 'RI' LREC (Logical Record) that has a flag to state whether the fare is Cat 25-based. This flag is not returned via the GFRI <NGGFIntlInd> KLR through a structured date during a pricing response. A Cat 25 flag might need to be added if that information is needed by the customer during a pricing response. If a Galileo (1G) Structured Data client actually requests the filed fare detail, a Cat 25 flag should be returned for any Cat 25-based fare. This action may occur during a PNRBF fare retrieve process.