

# Galileo Desktop 2.2

## User Guide





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## Overview

Galileo Desktop 2.2 is the follow on release to Galileo Desktop 1.01 released in 2004.

This release of Galileo Desktop provides agencies with further enhancements to this leading edge product including a new interactive feature within Focalpoint that enables agents to click on sections within the cryptic environment and enhanced customisation capabilities. In addition, it will enable agents to benefit from updates that have been made to the Viewpoint product; ensuring that functionality already available in Focalpoint is also available within the GUI environment.

## Background

This release of Galileo Desktop<sup>SM</sup> includes three major components:

- Enhancements to bring further parity with terminal emulation functions
- New customization features
- Installation Changes

### Host Parity

Since the release of Galileo Desktop<sup>SM</sup> 1.01, other projects have delivered a number of host enhancements, resulting in a gap between Focalpoint<sup>®</sup> and Viewpoint<sup>TM</sup> functionality. This release closes much of that gap, focusing on functions deemed most important by the markets. It also positions Galileo Desktop<sup>SM</sup> to deliver host enhancements in a timelier manner going forward.

Unless otherwise stated, the enhancements in this advisory are available on both Apollo<sup>®</sup> and Galileo<sup>®</sup> host systems.

### Point and Click

Point and Click functionality in Focalpoint<sup>®</sup> is the next generation of the Galileo booking system. It is available only to the Galileo<sup>®</sup> users of Galileo Desktop<sup>TM</sup>. It combines the ease of Viewpoint<sup>TM</sup> with the speed of Focalpoint<sup>®</sup>. The user can book air, cars, hotels, and quote and shop for fares.

### Customization

The capability to customize Galileo Desktop<sup>SM</sup> environment has become one of the most important features for our GDS business. During the design of Galileo Desktop<sup>SM</sup> 2.2, we have given particular attention to Customization to solve some issues of the past and implement new functionality.

Galileo Desktop<sup>SM</sup> 2.2 implements several different enhancements to create a more powerful customization tool.

### Installation

Several enhancements are available with the installation process for Desktop<sup>SM</sup> 2.2. These include a pre-install check, MSXML update 6.0, Point and Click, and an MS Access choice. The installation now provides an automatic install of both Focalpoint<sup>®</sup> and Viewpoint<sup>TM</sup>, versus the user having to make a selection.

## Host Parity Enhancements

### Air

#### Preferred Seating

Currently in Viewpoint™, while displaying seat map dialog, there is no facility to display preferred seating. With this release, the user will be able to view preferred seating when doing the graphical seat map display, if this indicator returns to Galileo Desktop<sup>SM</sup>. GD 2.2 supports the following states:

#### Seat Open and Preferred

For an open and preferred the seat, it should appear in blue colour with the armrest and the backrest as bold in blue colour.

#### Seat Saved and Preferred

For a saved and preferred the seat, it should appear as greyed out with the armrest and the backrest as bold in gray colour.

#### Seat Locked and Preferred

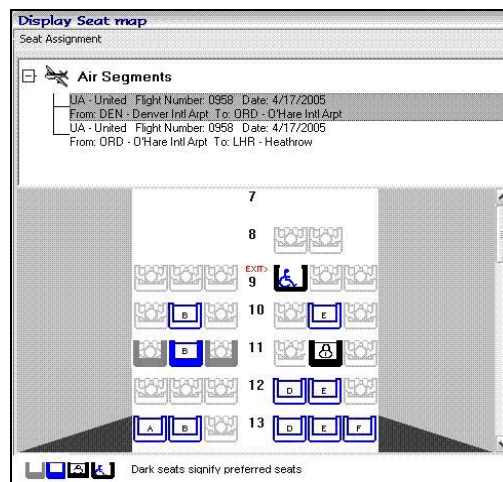
For a locked and preferred seat, it should appear in black colour with a picture of a lock inside the seat along with the armrest and the backrest as bold in black colour.

#### Seat Smoking and Preferred

For a smoking and preferred the seat, it should appear in black colour with a picture of smoking sign inside the seat along with the armrest and the backrest as bold in black colour.

#### Seat for Handicap and Preferred

For a handicap and preferred the seat, it should appear in black colour with a picture of handicap sign inside the seat along with the armrest and the backrest as bold in black colour.



## Mileage Check

The mileage check function is available from the **Fares Menu**. It provides the equivalent of “\$LM” on Apollo® and “FL” on Galileo®.

The agent can specify up to 22 cities and can qualify the request by:

- Airline
- Date
- Global Indicator
- Global Direction
- Specifying a permitted surface sector

## Input

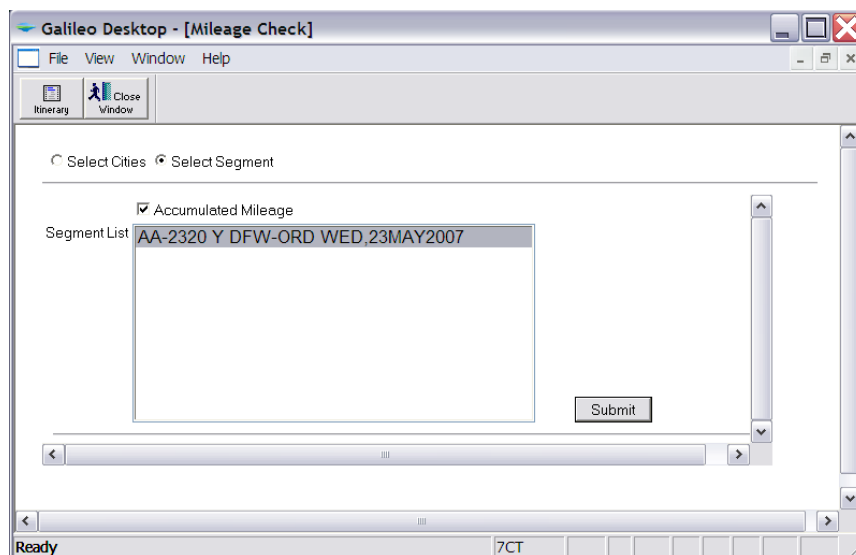
If the user checks “Select Cities”, then in the middle section the following controls would appear as shown in the picture below.

The following options are available in this screen:

- City: this box is for the city or airport code
- Global Indicator: this drop-down contains a list of applicable global indicators
- City for Surface Sector: if the agent marks this checkbox, then the city will be added to the “City List” list box with a Surface Sector mark, i.e. ‘\*’
- Add: this button adds the selected item options from the controls in the City Information group box to the “City List” list box
- Date: this box input should be in DDMMM
- Airlines: the user enters the two-character airline code. Once validation performs, the system updates the field with the airline code and name.

- Accumulated Mileage: this check box should be checked when the user wants to get the accumulated mileage for the selected options
- City List: this lists all the added city codes in proper order
- Remove: this button removes the selected item from the “City List” list box
- Clear All: this button removes all the items from the “City List” list box
- Move Up: this button moves the selected item one step up in the “City List” list box
- Move Down: this button moves the selected item one step down in the “City List” list box
- Top: this button moves the selected item to the top in the “City List” list box
- Bottom: this button moves the selected item to the bottom in the “City List” list box
- Submit: once all the city names and other options are listed in the “City List” list box, the agent clicks “submit”

If “Select Segment” is checked, the following screen appears as shown in the picture below.



- Accumulated Mileage: the user checks this box when they want to get the accumulated mileage for the selected options
- Segment List - this lists all the air segments present in the current PNR - the agent can select multiple items from this list box
- Submit: the agent clicks this button once the segments are selected from the “Select Segment” list box

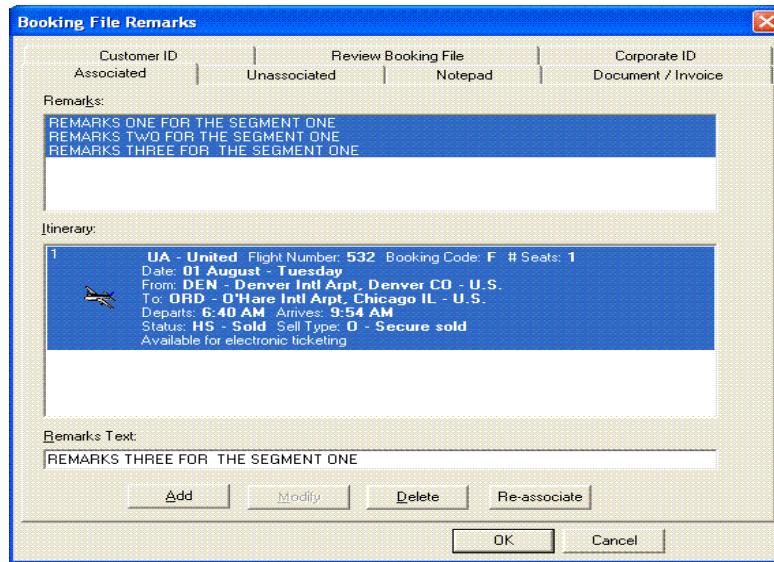
## PNR / Booking File

Ability to Re-Associate an Associated Remark (BID: 1.8.1.1)  
Agents now have the ability to re-associate a remark after cancelling a segment.

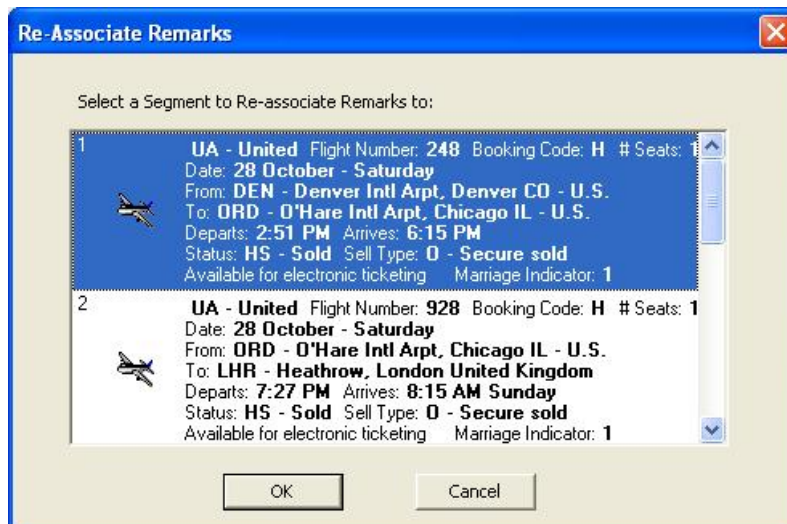
### Input

Steps to re-associate a remark:

- Select the remarks to re-associate from Remarks list box
- Click on <Re-associate>



The new dialog “Re-associate Remarks” should launch with list of all the segments present in the present itinerary in the list box as shown below:



The user should select only one desired segment from the list of segments to re-associate

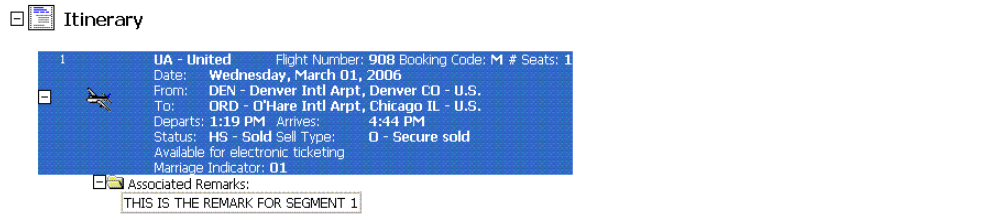
- Click <OK> button to re-associate and to close the dialog



- To cancel re-associate, user should click on the <Cancel> button

### Output

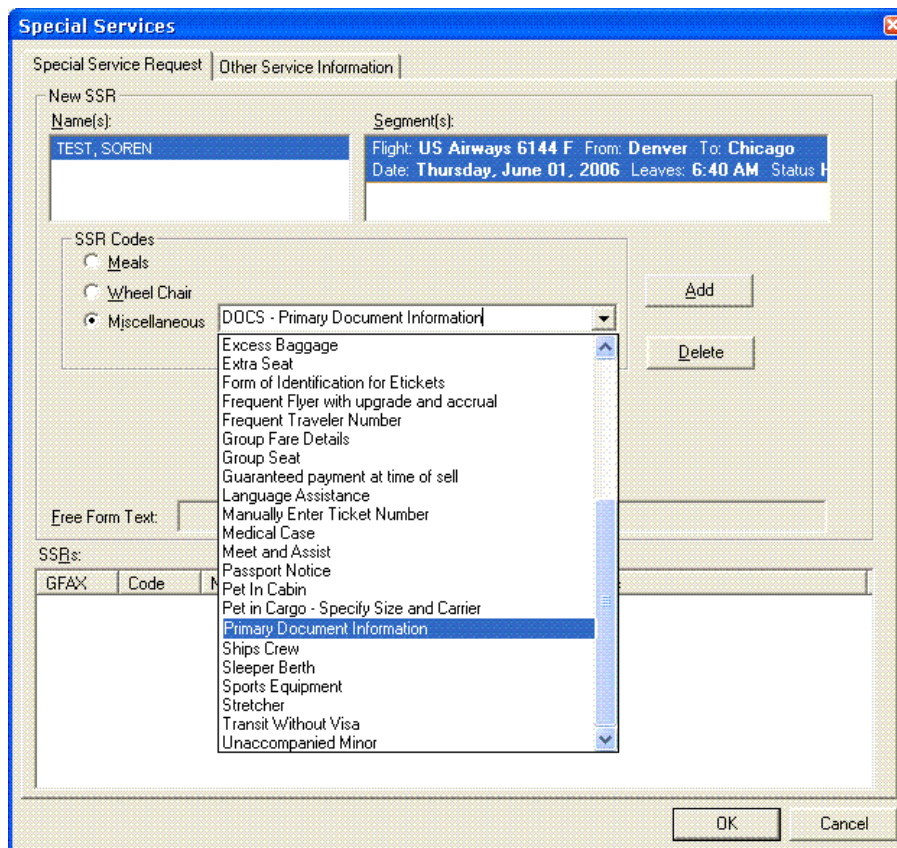
The system adds the re-associated remarks to the newly assigned segment, and it reflects in the Itinerary of the PNR screen as shown below.



### SSR - Primary Document Information

#### Input

To add a primary document SSR, the user first selects at least one name and one segment. They can then select "DOCS – Primary Document Information" from the "Miscellaneous" combo box as shown below:



Once the user selects the Primary Document Information option, a new dialog box displays.

### Input

- Surname: A text box to input the surname of the passenger
- First Given Name: A text box to input the first given name of the passenger
- Second Given Name: A text box to input the second given name of the passenger
- Gender: The gender is selected from a list
  - Gender
  - F - Female
  - FI - Female Infant
  - M – Male
  - MI – Male Infant
  - U - Undisclosed Gender
- Date of Birth: The date format must be in DDMMYY (e.g. 01JUL07)
- Nationality: If user enters the two characters country code as information for the nationality, the combo box will display the country code along with the country name. If the code is not recognized, XX-Unknown will display. The system sends the unknown code to the host.
- Document Type: Permissible codes for the different document types list as in the table below. If the user enters a code, other than the ones in the list (for e.g. 'XX') the combo box will display "XX - Unknown". This sends the two character data "XX" to the host.
  - Document Type
  - AC - Crew Member Certificate
  - F – Approved non-Standard ID docs
  - A – Identity Card A
  - C – Identity Card C
  - I – Identity Card I
  - IP - Passport Card
  - P - Passenger Passport
- Document Number: A text box to input the travel document number of the passenger
- Document Expiry Date: A text box to input the document expiration date information of the passenger - the format of date is DDMMYY (i.e. 21JUL07)

- Document Issuing Country: An editable combo box. If user enters the two characters country code as information for document issuing country, the combo box will display the country code along with the country name. If the user types an unknown code like 'AA' in the combo box, "AA-Unknown" will display in the combo box. The system sends "AA" to the host.
- Primary Passport Holder: A check box to indicate that the selected passenger is the primary passport holder
- When the user finishes with this form, they click <Add>

## Outputs

The system adds the new SSR with primary document information to the "Remarks and Services Information" section of the PNR screen as shown below.

Remarks and Service Information						
Special Service Requirements						
G/FAX Name	Flight	From/To	Code	Status	Text	
1	KUMAR,TEST UA 248	Denver Intl Arpt/ O'Hare Intl Arpt	Primary Document Information	NN - Requested	A/US/1234567/US/12JUL67/M/12JUL07/KUMAR/TEST/SECOND	

## SSR - Secondary Document Information

### Inputs

To add a secondary document SSR, the user first needs to select at least one name and one segment. They can select "DOCS – Secondary Document Information" from the "Miscellaneous" combo box as shown below.

The screenshot shows the 'Special Services' dialog box with the 'New SSR' section. The 'Name(s):' field contains 'TEST, SOREN' and the 'Segment(s):' field shows flight details: 'Flight: US Airways 6144 F From: Denver To: Chicago Date: Thursday, June 01, 2006 Leaves: 6:40 AM Status: H'. The 'SSR Codes' list is open, showing various options under the 'Miscellaneous' category, with 'Secondary Document Information' selected. The 'Add' and 'Delete' buttons are visible on the right side of the dialog box.

Once selecting this option, the new dialog (Secondary Document Information) launches.

- Visa Document Type – checking this box disables the Visa-related fields, along with country combo box
- Passenger / Crew Place of Birth - a text box to input the birth place for the passenger or crew - this is always enabled
- Visa Document Number - a text box to input the Visa document number of the passenger
- Visa Document Issue Date - a text box to input the Visa document “issue date” - the date format must be in DDMMYY e.g. 01JUL08
- Visa Document Place of Issue - a text box to input the place of issue for visa document
- Country (Required for Visa) - If the agent enters a two-character country code for which the Visa is applicable, the combo box will display the country code along with the country name. If the user types an unknown code like ‘AA’ in the combo box, need to display “AA-Unknown” in the combo box. The unknown code goes to the host.
- Infant Indicator - indicates the passenger is an Infant when checked

## Outputs

The new SSR for secondary document information is added to the “Remarks and Service Information” section of the PNR screen as shown below.

Remarks and Service Information						
Special Service Requirements						
GFAX Name	Flight	From/To	Code	Status	Text	
1	KUMAR,TEST	UA 248	Denver Intl Arpt/ O'Hare Intl Arpt	Secondary Document Information	NN - Requested	PLACE OF BIRTH/V/1234567/PLACE OF ISSUE/12JUL89/US



## SSR – DOCA (Address Information)

To add address information in the SSR, the user should select “DOCA – Address Information” from the “Miscellaneous” combo box in the SSR page as shown below.

### Inputs

The screenshot shows the 'Special Services' dialog box. The 'Special Service Request' tab is selected. The 'New SSR' section displays the name 'TEST, SOREN' and flight details: 'Flight: US Airways 6144 F From: Denver To: Chicago Date: Thursday, June 01, 2006 Leaves: 6:40 AM Status:'. Under the 'SSR Codes' section, the 'Miscellaneous' radio button is selected. A dropdown menu is open, showing a list of SSR codes. The code 'DOCA - Address Information' is selected in the dropdown. To the right of the dropdown are 'Add' and 'Delete' buttons. At the bottom of the dialog are 'OK' and 'Cancel' buttons.

Once the user selects this option, the new Address Information dialog will launch.

- Type of Address - An editable combo box contains the different types of addresses listed in the table below. If the user types an 'X' in the combo box, "X - Unknown" displays and is sent to the host.

#### Type of Address

D- Destination

R- Residence

- Address Details - a text box to input the address details
- City - a text box to input the city information
- State / Province / County – a text box to input the State/Province/County details
- Country - This editable combo box allows the user to enter the two characters country code or select the country name from a drop down list. If the user types an unknown code like 'AA' in the combo box, "AA-Unknown" displays and is sent to the host.
- Zip / Postal Code - a text box to input zip or postal code
- Infant Indicator - a check box to indicate that a specific traveler is Infant

#### Outputs

The new SSR for address information will be added to the "Remarks and Services Information" section of the PNR screen as shown below.

Remarks and Service Information						
Special Service Requirements						
GFAX	Name	Flight	From/To	Code	Status	Text
1	KUMAR, TEST	UA 248	Denver Intl Arpt/ O'Hare Intl Arpt	Address Information	NN - Requested	R/IN/F 49 KARUNAMOYEE/KOLKATA/WEST BENGAL/700091

## SSR – EPAY (Ability to enter Electronic Payment)

### Inputs

After selecting at least one name and one segment the user selects “EPAY – Electronic Payment” from the “Miscellaneous” combo box of the SSR page to add an electronic payment SSR

- When selecting this option, the **Payment Type** list will enable. The following codes are included in the list. The user may also enter an unidentified code, which sends to the host.

#### Payment Type

CC - Credit Card  
 AC - Airline Card  
 VP - Voucher Payment  
 CP - Coupon Payment  
 AP - Account Payment

- The user also has the ability to input free form text for the electronic payment.

### Outputs

The new SSR with electronic payment information adds to the “Remarks and Services Information” section of the PNR screen as shown below:

Remarks and Service Information						
Special Service Requirements						
GFAAX	Name	Flight	From/To	Code	Status	Text
1	TEST,SOREN	US 6156	Denver Intl Arpt/ O'Hare Intl Arpt	Electronic Payment	NN - Requested	CC/FREEFORM TEXT

### SSR CKIN (for passive segments) – Galileo® Only

#### Inputs

After selecting at least one name and segment, the user selects the entry “CKIN – Check – In” from the “Miscellaneous” combo box to enter check-in information for the Spanish resident. Once they select this option, the new dialog, Check-In Information, launches.

Case 1: Freeform radio button selected

The screenshot shows a dialog box titled "Check-in Information" with a blue header and a close button (X) in the top right corner. The dialog contains two radio buttons: "Freeform" (which is selected) and "Resident". Below the radio buttons are several input fields: a text box for "Freeform", a dropdown menu for "Resident Code", a dropdown menu for "Identity Card Code", a text box for "Identity Card Number", a dropdown menu for "Municipal Code", a text box for "Certificate of Residence", and a text box for "Service Fee (12.00)". At the bottom of the dialog are two buttons: "Add" and "Cancel".

Case 2: Resident radio button selected

The screenshot shows the same "Check-in Information" dialog box, but with the "Resident" radio button selected. The "Freeform" radio button is now unselected. The input fields and buttons remain the same as in Case 1.



- Resident – This is the default selection. When this radio button is selected then the following controls are enabled:

- Resident Code – The following codes appear in the list. The user can enter the code as well as the full Resident code name, and on tabbing out the combo box populates with the Resident Code and the corresponding residency code name. If the user enters an unknown code, other than the ones in the list (for e.g. XX) the combo box displays “XX - Unknown”. The two-character data “XX” goes to the host.

Resident Code  
 RC - Canary Islands & Spanish Territory  
 BP - Balearic Is. & Spanish Territory  
 DC - Inside Canary and Islands  
 BI - Inside Balearic and Islands  
 RM - Melilla Spanish and Territory  
 CE - Ceuta and Spanish Territory

- Identity Card Code - An editable combo box lists the permissible codes for the different identity card codes, as listed in the table below. The user can enter the code as well as the full Identity Card code description, and on tabbing out the combo box populates with the Identity Card code and the corresponding Identity Card code description. If the user enters an unknown code, other than the ones in the list (for e.g. XX) the combo box should display “XX - Unknown”. The two-character data “XX” sends to the host.

Identity Card Code  
 DN - Spanish Cit DNI (w/o cert of res)  
 TR - Foreign Res NIE (w/o cert of res)  
 GR - Senators/Deputy  
 CR - Spanish & Foreign Cit (cert of res)  
 MR - Minor without DNI  
 AM - Military

- Identity Card Number - A text box to input identity card number

- Municipal Code - The municipal code combo box populates only when the valid resident code is given.

Municipal codes should relate to the resident code as shown:

1. Balearic Islands and Spanish Territory: Balearic Municipal Codes
2. Inside Balearic and Islands: Balearic Municipal Codes
3. Canary Islands and Spanish Territory: Canary Municipal Codes
4. Inside Canary and Islands: Canary Municipal Codes
5. Melilla Spanish and Territory: Melilla Municipal code
6. Ceuta and Spanish Territory: Ceuta Municipal Code

The resident codes and the corresponding municipal codes are in the list below

If the user types a six-digit Municipal code not present in the list, then on tabbing out, “UNKNOWN” will display, and the unknown code sends to the host.

- Certificate of Residence – This text box is available to input of the certificate of residence.

- Service Fee – This text box is available to input the Service Fee.

- Freeform - On selecting this radio button, a freeform text box enables.

**List of Municipal codes grouped by the resident codes.****BALEARIC ISLANDS**

ALAIOR	70027	ALARO	70012
ALCUDIA	70033	ALGAIDA	70048
ANDRAITX	70051	ARIANY	79013
ARTA	70064	BANALBUFAR	70070
BENISALEM	70086	BUGER	70099
BUNYOLA	70103	CALVIA	70110
CAMPANET	70125	CAMPOS	70131
CAPDEPERA	70146	CASTELL (ES)	70645
CIUTADELLA-MENORCA	70159	CONSELL	70162
COSTITX	70178	DEYA	70184
EIVISSA	70260	ESCORCA	70197
ESPORLES	70201	ESTELLENCHS	70218
FELANITX	70223	FERRERIES	70239
FORMENTERA	70244	FORNALUTX	70257
INCA	70276	LLORET VISTA ALEGRE	70282
LLOSETA	70295	LLUBI	70309
LLUCMAJOR	70316	MAHON	70321
MANACOR	70337	MANCOR DE LA VALL	70342
MARIA DE LA SALUD	70355	MARRATXI	70368
MERCADAL (ES)	70374	MIGJORN GRAN (ES)	79028
MONTUIRI	70380	MURO	70393
PALMA DE MALLORCA	70407	PETRA	70414
POBLA (SA)	70440	POLLENCA	70429
PORRERES	70435	PUIGPUNYENT	70453
SALINES (SES)	70598	SAN JOSE	70488
SANT ANTONI PORTMANY	70466	SANT JOAN	70491
SANT JOAN DE LABRITJA	70504	S.LLORENC CARDASSAR	70511
SANT LLUIS	70526	SANTA EUGENIA	70532
ST EULALIA DEL RIO	70547	SANTA MARGALIDA	70550
SANTA MARIA DEL CAMI	70563	SANTANYI	70579
SELVA	70585	SENCELLES	70472
SINEU	70602	SOLLER	70619
SON SERVERA	70624	VALLDEMOSA	70630
VILAFRANCA DE BONANY	70658		

**CANARY ISLANDS**

ADEJE	380012	AGULO	380027
ALAJERO	380033	ARAFO	380048
ARICO	380051	ARONA	380064
BARLOVENTO	380070	BRENA ALTA	380086
BRENA BAJA	380099	BUENAVISTA DEL NORTE	380103
CANDELARIA	380110	FASNIA	380125
FRONTERA	380131	FUENCALIENTE PALMA	380146
GARACHICO	380159	GARAFIA	380162
GRANADILLA DE ABONA	380178	GUANCHA (LA)	380184
GUIA DE ISORA	380197	GUIMAR	380201
HERMIGUA	380218	ICOD DE LOS VINOS	380223
LLANOS DE ARIDANE (LOS)	380244	MATANZA DE ACENTEJO	380257

OROTAVA (LA)	380260	PASO (EL)	380276
PUERTO DE LA CRUZ	380282	PUNTAGORDA	380295
PUNTALLANA	380309	REALEJOS (LOS)	380316
ROSARIO	380321	SAN ANDRES Y SAUCES	380337
S.CRISTOBAL LA LAGUNA	380239	S.JUAN DE LA RAMBLA	380342
S.MIGUEL DE ABONA	380355	S.SEBASTIAN GOMERA	380368
S.CRUIZ DE LA PALMA	380374	S.CRUIZ DE TENERIFE	380380
SANTA URSULA	380393	SANTIAGO DEL TEIDE	380407
SAUZAL (EL)	380414	SILOS (LOS)	380429
TACORONTE	380435	TANQUE (EL)	380440
TAZACORTE	380453	TEGUESTE	380466
TIJARAFE	380472	VALLE GRAN REY	380491
VALLEHERMOSO	380504	VALVERDE	380488
VICTORIA DE ACENTEJO	380511	VILAFLORE	380526
VILLA DE MAZO	380532		
AGAETE	350017	AGUIMES	350022
ANTIGUA	350038	ARRECIFE	350043
ARTENARA	350056	ARUCAS	350069
BETANCURIA	350075	FIRGAS	350081
GALDAR	350094	HARIA	350108
INGENIO	350115	MOGAN	350120
MOYA	350136	OLIVA (LA)	350141
PAJARA	350154	LAS PALMAS G.CANARIA	350167
PUERTO DEL ROSARIO	350173	SAN BARTOLOME	350189
S.BARTOLOME TIRAJANA	350192	S.NICOLAS TOLENTINO	350206
SANTA BRIGIDA	350213	STA.LUCIA TIRAJANA	350228
STA MARIA GUIA DE G.C.	350234	TEGUISE	350249
TEJEDA	350252	TELDE	350265
TEROR	350271	TIAS	350287
TINAJO	350290	TUINEJE	350304
VALLESECO	350326	VALSEQUILLO DE G.C.	350311
VEGA DE SAN MATEO	350332	YAIZA	350347
MELILLA	520018		
CEUTA	510013		

## Outputs

The new SSR with check in information will be added to the "Remarks and Service Information" section of the PNR screen as shown below.

### Case 1: Normal CKIN

Remarks and Service Information						
Special Service Requirements						
GFAX	Name	Flight	From/To	Code	Status	Text
1	TEST,SOREN	US 6156	Denver Intl Arpt/ O'Hare Intl Arpt	Check-In Information	NN - Requested	THISISTESTDATA

Case 2: Resident CKIN

Remarks and Service Information

Special Service Requirements

GFAX	Name	Flight	From/To	Code	Status	Text
1	KUMAR,TEST	AA 1498	Denver Intl Arpt/ O'Hare Intl Arpt	Check-In Information	NN - Requested	RESIDENT BPCR/12345A/070027/CERTIFICATE/SF12.00

## **CarMaster Enhancements**

### **SIPP Car Type Code Matrix and Promo Codes**

#### **Background**

Several years ago, the car supplier industry defined, and IATA Standard Interline Passenger Procedures (SIPP) documented the CarMaster™ car type matrix used by car suppliers to construct car type codes.

This project incorporates an expanded Car Type Code Matrix to enable better shopping for specific types of vehicles.

Searching for the best rate by type is no longer required. Suppliers can now return the best rate for the rental period regardless of rate type.

Car suppliers may offer various promotions on car rentals that require a unique promotional code in the request in order to shop for them. This release of Galileo Desktop<sup>SM</sup> supports the promotional code optional field as an availability search qualifier to obtain rates associated with a promotional code. The rules response confirms the value of the promotional code as well as the supplier's segment sell response. Both the promotional code and promotional code information can be included on the customer's itinerary.

#### **Expanded Car Type Code Matrix**

The new car type-code matrix shown below is available for use by CarMaster Inside Availability® participants.

	SIZE	CATEGORY	TRANSMISSION/DRIVE	FUEL/AIR CONDITIONING
M	Mini	B 2-3 door	M Manual Unspecified Drive	R Unspecified Fuel with A/C
N	Mini Elite	C 2-door or 4-door	N Manual 4WD	N Unspecified Fuel without A/C
E	Economy	D 4-5 door	C Manual AWD	V Petrol with A/C
H	Economy Elite	E Coupe	A Automatic Unspecified Drive	Z Petrol without A/C
C	Compact	F SUV	B Automatic 4WD	D Diesel with A/C
D	Compact Elite	G Crossover	D Automatic AWD	Q Diesel without A/C
I	Intermediate	H Motor Home		H Hybrid with A/C
J	Intermediate Elite	J Open Air All Terrain		I Hybrid without A/C
S	Standard	K Commercial Van/Truck		E Electric with A/C
R	Standard Elite	L Limousine		C Electric without A/C
F	Full Size	M <del>Monospace</del>		L LPG/Compressed Gas with A/C
G	Full Size Elite	N Roadster		S LPG/Compressed Gas without A/C
P	Premium	P Pickup Regular Cab		A Hydrogen with A/C
U	Premium Elite	Q Pickup Extended Cab		B Hydrogen without A/C
L	Luxury	R Recreational Vehicle		M Multi Fuel with A/C
W	Luxury Elite	S Sport		F Multi Fuel without A/C
O	Oversize	T Convertible		U Ethanol with A/C
X	Special	V Passenger Van		X Ethanol without A/C
		W Wagon/Estate		
		X Special		
		Y 2 Wheel Vehicle		I
		Z Special Offer Car		

Car type codes utilize a 4-character format. Each position of the 4-character car type code describes an element of the vehicle as follows:

- 1<sup>st</sup> character defines Size (e.g., Compact, Full)
- 2<sup>nd</sup> character defines Category (e.g., 2 or 4-door, Van)
- 3<sup>rd</sup> character defines Transmission (e.g., Automatic or Manual)
- 4<sup>th</sup> character defines whether the vehicle has Air Conditioning or not (e.g., With or Without)

*With this project enhancement:*

- The meaning of the third (3<sup>rd</sup>) character of the car type code currently used to define Transmission now includes 'Drive'. *For example:*

- o Manual, **4-Wheel Drive**
- o Automatic, **All Wheel Drive**

- The meaning of the fourth (4<sup>th</sup>) character of the car type code currently used to define Air Conditioning now includes 'Fuel/Power Source'. *For example:*

- o **Diesel** with A/C
- o **Hybrid** without A/C

- An Elite version within the size classification is available to differentiate more luxurious or prestigious versions of the same size car class. *For example:*

- o A full size **Elite** has more upscale features (possibly temperature controlled leather seating, satellite radio, navigational system, etc.) than the regular full size.

### Passenger Van and SUV Coding

Car suppliers will use the following size standard for assigning codes for Passenger Vans and SUVs that correlate to the number of passengers that the vehicle can accommodate.

*Passenger Van Coding*

IV	6+ Seats	GV	Elite 10+ Seats
JV	Elite 6+ Seats	PV	15+ Seats
SV	8+ Seats	UV	Elite 15+ Seats
RV	Elite 8+ Seats	LV	Luxury – no seat requirements
FV	10+ Seats	WV	Elite – no seat requirements

*SUV Coding*

EF	2-4 Seats	RF	Elite 5-6 Seats
HF	Elite 2-4 Seats	FF	6+ Seats
CF	4-5 Seats	GF	Elite 6+ Seats
DF	Elite 4-5 Seats	PF	7+ Seats
IF	5+ Seats	UF	Elite 7+ Seats
JF	Elite 5+ Seats	LF	Luxury – no seat requirements
SF	5-6 Seats	WF	Elite – no seat requirements

## New Availability Request Screens

### Car Availability Request – Basic Fields Tab / View 1

This view highlights the ability to request a sort by Approximate Total or Rate Amount.

The screenshot shows the 'Car Availability' window with the 'Basic Fields' tab selected. The 'Dates' section includes 'Pickup Date: 08/01/2007 Wednesday 10:00 AM' and 'Return Date: 08/06/2007 Monday 4:30 PM'. The 'Rental Location' section has 'City or Airport' as a dropdown, with 'Airport' selected. The 'Rental Company' section shows 'Vendor 1: ZE - Hertz'. The 'Sort By' dropdown is set to 'A - Approximate Total', and the 'Car Size' dropdown is open, showing a list of car types. A 'List of Selected Qualifiers' panel on the right displays the current search criteria and results.

The default sort order for the availability response is low-to-high by Approximate Total (A). The user can override the default if they wish by choosing to have the rates sorted in low-to-high order by the Unit Rate (U) amount.

### Car Availability Request – Basic Fields Tab / View 2

This view illustrates the expanded Car Size drop-down list, which now includes the new SIPP car size types.

This screenshot is similar to View 1, but the 'Car Size' dropdown menu is expanded, showing a list of car size types: '\* - (Any)', '\* - All Types', 'M - Mini', 'N - Elite Mini', 'E - Economy', 'H - Elite Economy', 'C - Compact', and 'D - Elite Compact'. A note at the bottom of the window states: 'A preferred car size can be selected from this list.'

### Car Availability Request – Vendor Specific Tab

This view illustrates the Promotional Code search qualifier added to the Vendor Specific tab.



**Car Availability**

Basic Fields | Vendor Specific | One Way | More Car Types | Rate Categories

Vendor 1: ZE - Hertz 2: 3:

Corporate Discount #

ID #

Rate Code

Promotional Code

Hint

You may ask for rates based on a corporate discount number, frequent renter number, rate code or promotional code.

List of Selected Qualifiers

Pickup Date: 08/01/2007  
 Pickup Time: 10:00 AM  
 Return Date: 08/06/2007  
 Return Time: 4:30 PM  
 Sort By: A - Approximate Tot  
 Vendor 1: ZE - Hertz

Search Cancel

Enter a corporate discount number for this car company.

### Car Availability Request – More Car Types Tab

This view of the More Car Types tab allows users to either input the desired 4-character car type code, or select the exact car type using the drop down option for the size, category, and transmission/drive, fuel/air conditioning.

**Car Availability**

Basic Fields | Vendor Specific | One Way | More Car Types | Rate Categories

Car Type 1: Car Type 2: Car Type 3:

Size

Category

Transmission/Drive

Fuel/Air Conditioning

Hint

You may specify up to 3 preferred car sizes. You can also be specific about the category, transmission, drive, fuel type, and air conditioning if desired.

If you know the Car Type code, you may enter it directly (i.e. I, IC, TC, ICAR, ...). Pseudo Car Type codes are supported as well (i.e. APUP, APWD, AELC, ...).

List of Selected Qualifiers

Pickup Date: 08/01/2007  
 Pickup Time: 10:00 AM  
 Return Date: 08/06/2007  
 Return Time: 4:30 PM  
 Sort By: A - Approximate Tot  
 City or Airport: DEN - Denver I

Search Cancel

Enter the preferred Car Type code if known, or select from the dropdown lists below.

### Availability Response with Alternate Car Types

#### Car Availability Response -

There are several indicators decoded at the bottom of this display.

A new indicator for **Alternate Car Type** appears on the legend at the bottom of the display. Alternate Car Types are alternatives to the car type requested by the agent and are always sorted to the bottom of the display after all the Fully Qualified Car Types.

In the example below, the user requested an ECAR. We flagged the larger, Upsell car types with the green up-arrow. The Alternate car types returned by the supplier in this example are the Compact SUV and the Intermediate SUV. The system flagged these with the blue arrow.

A new column for Rate Type is between the Rate Amount and the Approximate Total. The supplier can now return the best rate for the rental period, regardless of rate type.

Galileo Desktop - [Car Availability - DEN 1Aug-6Aug]

File Information Search Sell Sort View Options Window Help

Itinerary CarType Shuttle Description Rules Sell More Web CloseWindow

City/Airport: Denver, CO - US (Denver Intl Arpt) DEN US Dollar (USD)  
 Dates: Wed 1 Aug to Mon 6 Aug List of Selected Qualifiers: Pickup Date: 08/01/2007  
 PROMOTIONAL Distances are in miles Cars in list: 10

#	Line	Link	Vendor	Location	Car Type	Rate Amt	Rate Type	Approx. Total	Pre Pay	FM	Per Mile	Dist	Inclusions
FULLY QUALIFIED IA RATES													
	1		Hertz	Terminal	ECAR	44.99	D	351.50		UNL	0	T	
	2		Hertz	Terminal	↑ CCAR	45.99	D	359.06		UNL	0	T	
	3		Hertz	Terminal	↑ ICAR	288.99	W	375.49		UNL	0	T	
	4		Hertz	Terminal	↑ PCAR	295.99	W	384.30		UNL	0	T	
	5		Hertz	Terminal	↑ SCAR	299.99	W	389.35		UNL	0	T	
	6		Hertz	Terminal	↑ FCAR	299.99	W	389.35		UNL	0	T	
	7		Hertz	Terminal	↑ SBAR	379.99	W	490.09		UNL	0	T	
	8		Hertz	Terminal	↑ LCAR	489.99	W	628.61		UNL	0	T	
	9		Hertz	Terminal	→ CFAR	338.99	W	438.46		UNL	0	T	
	10		Hertz	Terminal	→ IFAR	349.99	W	452.31		UNL	0	T	

Marked Rate 
  Inside Link 
  Inside Availability 
  Upsell Car Type 
  Alternate Car Type

**Car Reference Sell Response** (Note: Promotional Code and Promotional Code Value fields)

Galileo Desktop - [Sell, Modify, Cancel - Vendor Summary]

File Edit View Window Help

Itinerary Web

ZE Hertz Corporation Status: CONFIRMED Confo #: D6343926575  
 Pickup: 1Aug at 10:00 AM Return: 6Aug at 4:30 PM  
 City: Denver, CO - US (Denver Intl Arpt) DEN DENT11  
 CAR TYPE: CCAR - Compact 2 or 4 Door Automatic A/C Any Fuel # of cars: 1  
 Rate Code: TMDW

WEEKLY AMT: 217.49 USD Gtd UNL FM  
 Extra Day: 42.66 USD UNL FM  
 Booking Source: UA  
 Name: TEST PROMO CODE  
 Rate Guarantee: USD217.49WY-UNL MI X D 42.66 UNL

Approximate Total: USD262.37-UNL FM 1WY 0HR 64.88MC  
 Corporate Discount Number (CD): 252  
 Promotional Code (PC): 965506  
 Promotional Code Value (PV): USD20.00

Vendor Text:

APPROX TTL INC TAX-TRF-AP SVC CHG  
 MIN AGE 21 - MOST CAR CLASSES. 21-24 RATE DIFFERENTIAL APPLIES  
 RATE REQUIRES AIRLINE TICKET  
 COUPON HAS BEEN APPLIED TO RESERVATION  
 IATA-ARC NOT RECOGNIZED BY ZE-SEE KEYWORD TIPS \*

### Car Direct Sell Request – Basic Fields Tab / View 1

The Car Direct Sell dialog now has drop-downs for each element of the car type from which the user can choose if desired.

There is also a field for appending a Promotional Code to the sell request.

Car Direct Sell

Basic Fields Customer Rate Categories Special One Way

Dates  
 Pickup Date: 08/01/2007 Wednesday Time: 10:00 AM Flight #:   
 Return Date: 08/06/2007 Monday Time: 4:30 PM Departing

Rental Company  
 Vendor: ZI - Avis Corp Discount #:   
 Promotional Code:

Rental Location  
 City or Airport: OKC - Will Rogers World Arpt  
 Airport Will Rogers World Arpt  
 City Locations Oklahoma City, OK - US  
 Via Reference Point   
 Location ID

Car Type: ICAR  
 Size: I - Intermediate Transmission/Drive: A - Automatic  
 Category: C - 2 or 4 Door Fuel/Air Conditioning: R - A/C Any Fuel

List of Selected Sell Options  
 Pickup Date: 08/01/2007  
 Pickup Time: 10:00 AM  
 Return Date: 08/06/2007  
 Return Time: 4:30 PM  
 Vendor: ZI - Avis  
 City or Airport: OKC - Will Rog  
 Car Type 1: ICAR

Sell Cancel

Enter 4 character type code if known, or pick from the available car type list.

## Car Direct Sell Response

The display decodes all four characters of the car types into text in the Vendor Summary.

**Galileo Desktop - [Sell, Modify, Cancel - Vendor Summary]**

File Edit View Window Help

Itinerary Web

**ZI Avis Rent A Car System, Inc. Status: CONFIRMED Confo #: 43737554US0**  
**Pickup: 1Aug at 10:00 AM Return: 6Aug at 4:30 PM**  
**City: Oklahoma City, OK - US (Will Rogers World Arpt) OKC OKC 00**  
**CAR TYPE: ICAR - Intermediate 2 or 4 Door Automatic A/C Any Fuel # of cars: 1**  
**Rate Code:**

Rate extended at counter  
 Booking Source: UA  
 Name: CINDY ROWLAND

Vendor Text:  
 MINIMUM AGE 21, 21-24 UA SURCHARGE \$ 25.00DY  
 OTHER RESTRICTIONS MAY APPLY.  
 CONTACT LOCAL REP FOR DETAILS  
 LICENSE MAY BE DMV CHCKD.GOOD RECORD NEEDED TO RENT  
 FOR A QUICKER CHECKOUT INPUT WIZARD NUMBER IN THE /ID-FIELD  
 CONFIRMED ICAR PONTIAC G6/SIMILAR  
 AVIS HAS GREAT RATES ON AN SUV - SEE VEHICLE TYPE SFAR \*

## Car Modify Request

The new Modify Dialog box allows the user to modify the car type by either typing it in the Car Type field or clicking on the drop-down and choosing the car type. In this example, the car type is being modified from an Intermediate to a Full.

**Car Modify**

Basic Fields Customer Rate Categories Special One Way

Dates  
 Pickup Date: 08/01/2007 Wednesday Time: 10:00 AM Flight #:   
 Return Date: 08/06/2007 Monday Time: 4:30 PM

Rental Company  
 Vendor: ZI - Avis Corp Discount #:   
 Promotional Code:

Rental Location  
 Location: OKC

Car Type: ICAR  
 Size: F - Full Size Transmission/Drive: A - Automatic  
 Category: C - 2 or 4 Door Fuel/Air Conditioning: R - A/C Any Fuel

List of Selected Modify Options  
 Pickup Location: OKC  
 Pickup Date: 08/01/2007  
 Pickup Time: 10:00 AM  
 Return Date: 08/06/2007  
 Return Time: 4:30 PM  
 Car Type: ICAR  
 First Name: TEST  
 Last Name: MESSAGE  
 Booking Source: UA

Modify Cancel

A preferred car size can be selected from this list.

## Enhanced Customer Itinerary

The user can select the new SIPP codes for Size, Category, Transmission/Drive, and Fuel/Power source for output on the customer itinerary. This applies to Apollo® and Galileo® Design-Your-Own (DYO) itineraries. Galileo ViewTrip<sup>SM</sup> also supports the display of descriptive car type data.

The following are the new Itinerary labels for each new enhancement.

***Approximate Total Rate Amount***

The labels allows for the display of an Approximate Total rate amount in an availability response, through to the sell response, and customer itinerary. An Approximate Total rate amount includes the rental amount plus any applicable extra day/hour charges, any applicable drop charges (for one-way rentals), all taxes, fees, and mandatory surcharges.

Label Name	Label Length	Label Description
CARATRATE	13	Approximate Total Rate amount
CARATMLG	28	Approximate Total Mileage
CARATMC	09	Amount of Mandatory Charges within the Approximate Total rate amount

***Optional Field for Promotional Code***

The labels enable agencies to search for rates and availability using a promotional code.

Label Name	Label Length	Label Description
CARPROMOCD	15	Promotional code used for the car rental
CARPROMOVAL	40	Value associated with the promotional code used

**SIPP Code (Car Type Code) Expansion Project**

The labels provide access to additional vehicle types.

Label Name	Label Length	Label Description
CARTYPECD	4	Outputs the 4-character car type code
CARTYPEDS	50	Outputs the 4-character car type code plus descriptive text for each element of the car type in the segment

**Viewpoint Itinerary** – All four characters of the car type decode into text on the Itinerary

 Record Locator: **new record**

---

 Names


---

 Phones

---

 E-mail

---

 Itinerary

1

Pick Up: **Wednesday, August 01, 2007 at 10:00 AM Oklahoma City 1Car**  
Drop off: **Monday, August 06, 2007 at 4:30 PM**  
ZI - Avis Rent A Car System, Inc.  
Car Type: ICAR - Intermediate 2 or 4 Door Automatic A/C Any Fuel

 Status: SS - Sold      Confirmation: 43737554USD


---

 Web Bookings

---


 Stored Fares

---

 Documents

---

 Ticketing Arrangement


-  Ticketing Arrangement:
-  Queue Minders

---

 Document/Invoice Remark

-  Document/Invoice Remarks

---

 Form of Payment

-  No Form of Payment selected


---

 Addresses

---

 Remarks and Service Information

---

 General Information

Owner CRS: Apollo

## Viewpoint Itinerary – Promotional Code used

Galileo Desktop - [PNR - No Names]

File Edit Air Fares Car Hotel Queues Map View Tools Window Help

Terminals Customer Shop Air Fares Car Hotel Map Finish IssueDocs E-Mail Web Cruise

Record Locator: **new record**

Names

Phones

E-mail

Itinerary

1 Pick Up: **Wednesday, August 01, 2007 at 10:00 AM Denver 1Car**  
 Drop off: **Monday, August 06, 2007 at 4:30 PM**  
**ZE - Hertz Corporation**  
 Car Type: **CCAR - Compact 2 or 4 Door Automatic A/C Any Fuel**  
**262.37 USD Approximate Total**  
 Rate Code: **TMDW** Status: **SS - Sold** **Guaranteed UNL Free Miles**  
 Confirmation: **D6343926575**

Car Optional Fields:

Rate Guarantee :	USD217.49WY-UNL MI XD 42.66 UNL
Booking Source :	UA
Corporate Discount Number (CD) :	252
Last Name :	KCODE
First Name :	TEST PROMO
Approximate Total :	USD262.37-UNL FM 1WY DHR 64.88MC
Promotional Code (PC) :	965906
Promotional Code Value (PV) :	USD20.00

Web Bookings

Stored Fares

Documents

Ticketing Arrangement

- Ticketing Arrangement:
- Queue Minders

Document/Invoice Remark

- Document/Invoice Remarks

Form of Payment

- No Form of Payment selected

Addresses

Remarks and Service Information

### Approximate Total on Multi-company Response

CarMaster Approximate Total is the total of the rental, plus any extra day/hour charges, plus any applicable drop charges, plus all mandatory taxes, fees and surcharges. While previously only supported on a single company display, we now support this on a multi-company display.

**Galileo Desktop - [Car Availability - DEN 1Aug-6Aug]**

File Information Search Sell Sort View Options Window Help

Itinerary CarType Shuttle Description Rules Sell More Web CloseWindow

City/Airport: Denver, CO - US (Denver Intl Arpt) DEN US Dollar (USD)  
 Dates: Wed 1 Aug to Mon 6 Aug  
 PROMOTIONAL Distances are in miles  
 List of Selected Qualifiers: Pickup Date: 08/01/2007  
 Cars in list: 10

#	Line	Link	Vendor	Location	Car Type	Rate Amt	Rate Type	Approx. Total	Pre Pay	FM	Per Mile	Dist	Inclusions
<input type="checkbox"/> FULLY QUALIFIED IA RATES													
	+		Hertz	Terminal	ECAR	44.99	D	351.50		UNL	0	T	
	+		Hertz	Terminal	↑ CCAR	45.99	D	359.06		UNL	0	T	
	+		Hertz	Terminal	↑ ICAR	288.99	W	375.49		UNL	0	T	
	+		Hertz	Terminal	↑ PCAR	295.99	W	384.30		UNL	0	T	
	+		Hertz	Terminal	↑ SCAR	299.99	W	389.35		UNL	0	T	
	+		Hertz	Terminal	↑ FCAR	299.99	W	389.35		UNL	0	T	
	+		Hertz	Terminal	↑ SBAR	379.99	W	490.09		UNL	0	T	
	+		Hertz	Terminal	↑ LCAR	489.99	W	628.61		UNL	0	T	
	+		Hertz	Terminal	→ CFAR	338.99	W	438.46		UNL	0	T	
	+		Hertz	Terminal	→ IFAR	349.99	W	452.31		UNL	0	T	

Marked Rate  
  Inside Link  
  Inside Availability  
  Upsell Car Type  
  Alternate Car Type



## Enhanced Delivery and Collection and Billing Reference

Car Delivery and Collection refers to specific customer instructions relating to where to deliver a car for the customer, and from where the car supplier needs to pick up a car. An agreement or contract with each car company is required before they will accept the Delivery and Collection fields from the user.

### Enhanced Delivery and Collection

Use the “SPECIAL” tab to add the Delivery and Collection data.

The screenshot shows the 'Sell' application window with the 'Special' tab selected. The 'Special' tab is highlighted with a red box. The form contains the following sections:

- Special Service:** A text input field.
- Special Equipment:**
  - Equipment Codes: Three dropdown menus.
  - Free Form Request: A text input field.
- Delivery Information:**
  - Site ID: [ ] Address: [ ]
  - City Name: [ ] State/Province Code: [ ]
  - Postal Code: [ ] Customer Telephone Number: [ ]
- Collection Information:**
  - Same as Delivery Address
  - Site ID: [ ] Address: [ ]
  - City Name: [ ] State/Province Code: [ ]
  - Postal Code: [ ] Customer Telephone Number: [ ]
- Hint:** Requests for special services or equipment can be entered here. It is a good idea to review the EQUIP keyword on the Descriptions screen to see what the car company offers and charges.

Note: An agreement or contract with each car company is required before they will accept the Delivery and Collection fields from the user

## Billing Reference

The Billing Reference Number is between the Car Company and the traveler. The car booking uses the assigned reference number to indicate how to bill the car rental.

The Billing Reference field can be up to 25 alpha/numeric characters.

The screenshot shows a web form titled "Sell" with a blue header. Below the header are five tabs: "Basic Fields", "Customer", "Rate Categories", "Special", and "One Way". The "Customer" tab is selected. The form contains several input fields: "Customer Membership #:", "Frequent Traveller #:", "Guarantee:", "Billing Reference #:", "First Name:", and "Last Name:". The "Billing Reference #" field is highlighted with a red rounded rectangle. Below the input fields is a "Hint" box with the following text: "Use these fields to send information about your client's frequent renter or frequent flyer participation. You can indicate how the booking is to be guaranteed if necessary."

## Hotel Leisure Rates 2

### Background

Several RoomMaster enhancements have occurred since the last update of Viewpoint™. DesktopSM 2.2 is implementing these enhancements with this release. A brief description of each enhancement appears in this section.

#### Complete Pricing & Complete Pricing Plus

**Complete Pricing** provides hotel suppliers the opportunity to send back a Complete Price (i.e. Approximate Total). This includes the total room rate for the stay, and any rate changes, taxes, and surcharges.

**Complete Pricing Plus** is the next level of Complete Pricing that gives users an opportunity to specify new pricing qualifiers up front in the Complete Availability request. These are qualifiers such as children pricing and extra bedding. The Complete Pricing Plus participating hotel supplier will price these new qualifiers and provide a Complete Price Plus that includes taxes, and surcharges. It also includes any extra charges requested at availability time inclusive of any taxes, and surcharges. This provides the end user with an even more in-depth look at the total price for the duration of the guest's stay.

Complete Pricing Plus also provides enhanced room, rate, and rule information in the Rules display and in the hotel sell response. This enhanced data is also stored in the Extended Hotel segment.

Supranational Hotels, chain code SX, Columbus Reservation Service, chain code BX, and are the Complete Pricing Plus launch participants at the time of this release. We expect other suppliers to be available in the coming months.

With both Complete Pricing and Complete Pricing Plus, more data is included in the Complete Availability request and response, in the Hotel Rules response, and they return additional data in the Sell and Modify transactions. Each participating hotel sends as much of the data as their Central Reservation System supports. With this in mind, not all hotels have the same capabilities.

#### Hotel Complete Availability

In this phase of the Complete Pricing project, the Complete Hotel Availability request/response focuses on obtaining availability and rates from Hotel Suppliers with the additional new fields. This gives the user more of the rules data up front and without having to request the Rule data separately. These new leisure-centric pricing qualifiers and new data included in the Complete Availability rate response aid in enhancing the leisure booking process.

#### New pricing Type Indicator

A 'Complete Pricing Plus' rate is a rate that contains taxes, surcharges and extra charges. Extra charges are charges that stem from the use of the newly created enhanced pricing qualifiers. If a Hotel Supplier does NOT support new enhanced pricing qualifiers, they will not return a 'Complete Pricing Plus' rate. The pricing type indicator for a 'Complete Pricing Plus' rate is a plus (+) sign next to the rate under the Approximate Total column heading.

A 'Complete Pricing' rate is the total stay including room charge with taxes and surcharges. This rate appears on the display under the column heading of Approximate Total. Complete Pricing Plus includes the room charge, taxes, surcharges, and any extra charges for extra people and bedding, if applicable.

#### Enhanced Pricing Qualifiers

The agent now has the ability to ask for additional leisure centric qualifiers up front at the time of availability. The qualifiers are as follows:

*From the 'Basic Fields' tab*

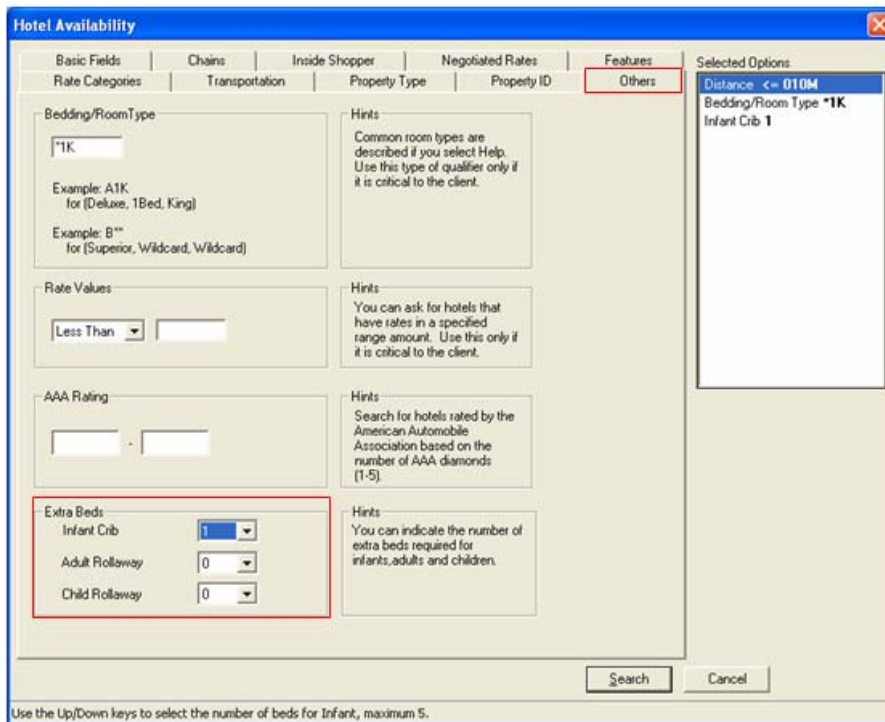
- Number of adults (1-4) – *this exists today for triple and quad participants*. Note the user can request additional adults (more than 4). The Hotel Supplier then calculates and returns the rate based on the additional number of adults (more than 4) requested.
- Number of children and their ages

The screenshot shows the 'Hotel Availability' dialog box with the following details:

- Basic Fields Tab:**
  - In:** 6/10/2007 (Sunday)
  - Out:** 6/11/2007 (Monday)
  - Nights:** 1
  - Location:** City of Airport: CPH - Copenhagen Aprt
  - Distance:** Less Than 010 Miles
  - Occupancy:** Number of rooms: 1; Adults: 2; Children: 2
  - Children's Ages:** 1. 5, 2. 3
- Selected Options:** Distance <= 010M
- Buttons:** Search, Cancel

*From the Others tab:*

- Bedding configuration – *this exists today*, and consists of classification (A, B, C), number of beds and bedding type (example: A1K=Superior 1 King Bed, B1Q=Deluxe 1 Queen Bed, C2\*= 2 Beds Standard room with no specific bedding type specified) \* = *wildcard*.
- Extra bedding (roll-away, cribs)



**Hotel Availability**

Basic Fields | Chains | Inside Shopper | Negotiated Rates | Features | Selected Options

Rate Categories | Transportation | Property Type | Property ID | Others

Bedding/Room Type: \*1K  
 Example: A1K for (Deluxe, 1Bed, King)  
 Example: B\*\* for (Superior, Wildcard, Wildcard)

Rate Values: Less Than [ ]

AAA Rating: [ ] - [ ]

Extra Beds:  
 Infant Crib: 1  
 Adult Rollaway: 0  
 Child Rollaway: 0

Selected Options:  
 Distance <= 010M  
 Bedding/Room Type \*1K  
 Infant Crib 1

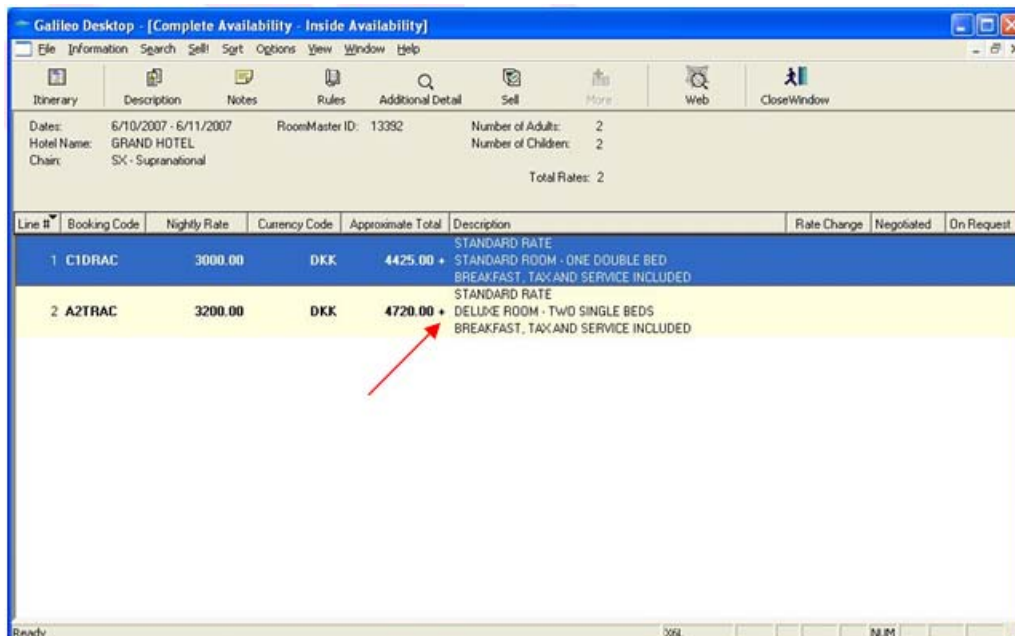
Search Cancel

Use the Up/Down keys to select the number of beds for Infant, maximum 5.

### Complete Availability Response

The Complete Availability response includes the number of adults and number of children included in the rate.

The rate also includes other chargeable items, like rollaway beds for adults or children, and cribs. All of these rates are inclusive in the rate under the Approximate Total column heading. The plus (+) key indicates the rate is a Complete Pricing Plus rate.



Galileo Desktop - [Complete Availability - Inside Availability]

File Information Search Sell Spt Options View Window Help

Itinerary Description Notes Rules Additional Detail Sell More Web CloseWindow

Dates: 6/10/2007 - 6/11/2007 RoomMaster ID: 13352 Number of Adults: 2  
 Hotel Name: GRAND HOTEL Number of Children: 2  
 Chain: SX - Supranational Total Rates: 2

Line #	Booking Code	Nightly Rate	Currency Code	Approximate Total	Description	Rate Change	Negotiated	On Request
1	C1DRAC	3000.00	DKK	4425.00 +	STANDARD RATE STANDARD ROOM - ONE DOUBLE BED BREAKFAST, TAX AND SERVICE INCLUDED			
2	A2TRAC	3200.00	DKK	4720.00 +	STANDARD RATE DELUXE ROOM - TWO SINGLE BEDS BREAKFAST, TAX AND SERVICE INCLUDED			

Ready XSL NJM

From the Complete Availability screen, the Additional Detail screen displays new information as seen below, when applicable.

**Additional Detail**

**Commissionable Rate**

Commissionable

**Room View**

**Smoking**

No

**Meal Included**

Meal Plan : Continental plan  
 Breakfast : Included  
 Lunch : Not Included  
 Dinner : Not Included

**Credentials Required**

Credentials are not required

**Payment Type**

Guarantee required

**Bedding Match**

JU1

### **Hotel Rules Response**

In addition to what they send today, the Hotel Rules response may include any or all, of the following data, as applicable.

- Pricing Type for Per Night rate and a rate for the entire stay – Complete Pricing rate, (includes taxes/surcharges for the entire stay) or Complete Pricing Plus rate (includes taxes/surcharges and extra bedding, extra people charges for the entire stay)
- Pricing breakout includes:
  - o Subtotal (if rate breaks during stay)
  - o Approximate Total (described above)
- Number of nights for this rate
- Matched Qualifiers:
  - o Rate Category (Y/N/blank-doesn't apply)
  - o Number of Rooms (Y/N/M – exceeds maximum allowed)
  - o Number of Adults (Y/N)
- Number of Children (Y/N/Blank – not requested)
- o Bedding type (Y/S – substitute bedding type/U – bedding unknown)
- o Adult Rollaway (Y/N/U – availability unknown)
- o Child Rollaway (Y/N/U – availability unknown)
- o Crib Requested (Y/N/U – availability unknown)
- Total Taxes and Surcharges for the stay or
  - o Total Taxes for the stay
  - o Total Surcharges for the stay
- Tax type description (city, entertainment, occupancy, etc.) and amount
- If included in the request:

- Extra Adult charge
- Child charges
- Adult rollaway charge
- Child rollaway charge
- Crib charge
- Commissionable rate (Y/N/unknown)
- Smoking room (Y/N/unknown)
- Room View
- Included Meal (breakfast/lunch/dinner) and meal plan type (buffet, continental, etc.)
- Number of Rooms (available, if known)
- Number of children allowed
- Bedding type
- Credentials required (Y/N)
- Deposit/Guarantee/Prepayment required (D/G/P)
- Acceptable Credit Card codes
- Several Guarantee types:
  - Guarantee required by – with date and time
  - Guarantee required - X after booking, X before arrival (X= date and time)
  - Guarantee required – before or after a specific date and time
  - Guarantee required by a specific time after booking
  - Guarantee/Deposit/Prepayment amount
- Non-refundable (Y/N/U-unknown)
- Several Cancellation types:
  - Cancel without penalty by – specific data and time
  - Cancel without penalty - X after booking, X before arrival (X= date and time)
  - Cancel without penalty – before or after a specific date and time
- Cancellation penalty amount
- Cancellation penalty – with number of nights
- Cancellation percentage amount
- Cancellation penalty – stated as Full Stay, or First and Last night of the stay
- Penalty amount contains taxes (Y/N/U - known)
- Penalty amount contains fees (Y/N/U - known)

The applicable data sent back will appear on the RULES display screen, *as examples shown below.*

Galileo Desktop - [Rules Display - Inside Availability]

File Notes Sell Options View Window Help

Itinerary Notes Sell View Close Window

Dates: 6/10/2007 - 6/11/2007 Nbr Nights: 1 Nbr Adults: 2 Nbr Children: 2  
RoomMaster ID: 13662 SX Supranational

**Check-in**

CHECK IN - 1400 CHECK OUT - 1200

**Rates**

JU1PRO JUNIOR SUITE  
PROMOTION RATE  
TAX AND SERVICE INCLUDED.  
1720.00 (DKK) STARTING 10JUN07 PER NIGHT  
1720.00 (DKK) APPROX-TTL PLUS PER ROOM INCL ALL KNOWN TAXES/FEES  
AVAILABLE EVERY DAY OF THE WEEK.

**Rate Includes**

JUNIOR SUITE WITH KING SIZE BED  
ROOM IS FULLY EQUIPPED.  
\*\*\*\* ROOM AMENITIES \*\*\*\*  
-BATHUB ON REQ -SATELITE CHANNELS -SHOWER  
-SHAVER POINT -TELEVISION -HAIRDRYER ON REQ  
-CITY VIEW ON REQ -IN HOUSE MOVIES -WIRELESS INTERNET  
-NO SMOKING ON REQ -OPEN WINDOW -WRITING DESK  
-PHONE -RADIO -WC  
Commissionable Rate Indicator: Commissionable  
Breakfast Indicator: Breakfast is included  
Lunch Indicator: Lunch is not included  
Dinner Indicator: Dinner is not included  
Meal Plan: Continental plan

**Extra Charges**

EXTRA ADULT 250.00 EXTRA CHILD 150.00  
250.00 DKK Extra Adult Charge  
150.00 DKK Extra Child Charge

**Cancellation**

CANCEL BY 1200 LOCAL HOTEL TIME ON 10JUN07  
Cancellation Date: 06/10/2007  
Cancellation Time: 1200

**Guarantee**

ACCEPTABLE GUARANTEE AT HOTEL  
IATA/CREDIT CARD  
CREDIT CARD ACCEPTED- AX DC EC VI MC JB CB AC CA IK XS

**Deposit**

**Room Features**

JUNIOR SUITE

**Property Description**

MODERATE FIRST HOTEL. CHARMING IN THE OLD FASHIONED ENGLISH  
STYLE. 91 ROOMS AND SUITES ALL WITH PRIVAT FACILITIES  
SHOWE/BATHUB. TELEPHONE. SATELLITE AND CABLE TV.  
LOBBY BAR AND VERY COSY BREAKFAST RESTAURANT.  
HOTEL OPERA IS SITUATED IN THE CITY CENTER OF COPENHAGEN.  
CENTRALLY LOCATED CLOSE TO THE ROYAL CASTLE. FINANCIAL AND  
SHOPPING AREAS.  
COPENHAGEN AIRPORT ..... 10KM / 06MILES  
NOERREPORT STREET STATION ..... 02KM / 01MILE  
TRAIN KASTRUP TO COPENHAGEN..... 12MIN  
TAXI FROM OUTSIDE THE TERMINAL.....20MIN/APP 180 DKK  
COPENHAGEN EXHIBITION HALLS ..... 05KM / 03MILES



<b>Address</b>
TORDENSKJOLDSGADE 15 DK-1055 COPENHAGEN DK/MSC
<b>Phones</b>
Phone: 4533478300 Fax: 4533478301
<b>Packages</b>
<b>Promotional</b>
ARP-HANSEN HOTEL GROUP AND ASSOCIATES INCORPORATES 19 HOTELS IN DENMARK FROM TOURIST TO SUPEIORR FIRST CLASS MOST LOCATED IN THE MAJOR CITIES.
<b>General Rules</b>
<b>Credit Card Info</b>
Credit Card ID: AX Credit Card ID: DC Credit Card ID: EC Credit Card ID: VI Credit Card ID: MC Credit Card ID: JB Credit Card ID: CB Credit Card ID: AC Credit Card ID: CA
<b>Booking requirements</b>
Credentials Indicator: Credential are not required. Deposit / Guarantee / Prepayment Indicator: Guarantee required
<b>Match Qualifier</b>
Number Of Rooms Match Indicator: The number of rooms requested is available. Number Of Adults Match Indicator: This number of adults requested is allowed for the number of rooms requested. Number Of Children Match Indicator: This number of children requested is allowed for the number of rooms requested. Bedding Type Match Indicator: The number and type of beds requested are available for this rate. Number Of Rooms: 1 Number Of Adults: 2 Number Of Children: 2 Bedding Type: JUI UNKNOWN
<b>Hotel Taxes and Surcharges</b>

Ready GKS NUM

### Hotels not participating in Hotel Leisure Rate 2

Hotels not yet participating in this new enhancement can be identified on the Complete Availability display with only a nightly rate, versus a Complete Pricing rate, and if children/age and/or extra bedding were requested, a Complete Pricing Plus rate with a plus character included on the Complete Hotel Availability display.

**Example #1** Example of a hotel not participating in Complete Pricing Rate, noted by the fact the hotel has not returned an approximate total. This hotel is only able to return the nightly rate.

#### #1: Non-Hotel Leisure Rate 2 participant

Line #	Booking Code	Nightly Rate	Currency Code	Approximate Total	Description	Rate Change	Negotiated	On Request
1	Z7CwLBA	795.00	DKK		2T BEST AVAILABLE RATE/NO SMOKING /SITTING AREA - SOFA/CHAIRS/SHOWER ONLY			
2	Z79ILCC	1395.00	DKK		2T CHOICE CLUB CARD/NO SMOKING /SITTING AREA - SOFA/CHAIRS/SHOWER ONLY			
3	Z700RAC	1545.00	DKK		2T NO SMOKING/SITTING AREA - SOFA/CHAIRS /SHOWER ONLY/STANDARD ROOM			
4	Z702CDR	1390.50	DKK		2T CORPORATE RATE/NO SMOKING /SITTING AREA - SOFA/CHAIRS/SHOWER ONLY			
5	Z701AAA	1390.50	DKK		2T AAA NATL RATE/NO SMOKING /SITTING AREA - SOFA/CHAIRS/SHOWER ONLY			
6	Z706SNR	1390.50	DKK		2T SENIOR RATE/NO SMOKING /SITTING AREA - SOFA/CHAIRS/SHOWER ONLY			
7	Z703GOV	1190.00	DKK		2T GOV-MIL RATE/NO SMOKING /SITTING AREA - SOFA/CHAIRS/SHOWER ONLY			

**Example #2** When children/ages and/or extra bedding are included in the availability request, a Complete Pricing Plus participating hotel will return a Complete Pricing Plus rate. This rate appears under the Approximate Total column heading with the plus (+) character, indicating that the requested items (or at least one of the items) are included in the rate.

If the hotel is not including the requested children/ages, and/or extra bedding in the rate, these fields will not be included in the MATCH QUALIFIERS section. See an example of this below under the #2 rules display example.

**#2 – Hotel Leisure Rate 1 participating hotel returning an Approximate Total.** The absence of information in the Match Qualifier section of the Rules Display indicates that the children/ages included in this request, are not included in the rate.

Line #	Booking Code	Nightly Rate	Currency Code	Approximate Total	Description	Rate Change	Negotiated	On Request
1	DR3ZZZ	1620.00	DKK	1620.00	BEST AVAILABLE RATE- INCL 500 MILES- BREAKFAST X-LARGE ROOM-KING BED-DESK- UNIQUE INDIVIDUAL DESIGN-INTERNET ACCESS			
2	WR3ZZZ	1540.00	DKK	1540.00	WEEKEND RATE - INCL 500 MILES - BREAKFAST X-LARGE ROOM-KING BED-DESK- UNIQUE INDIVIDUAL DESIGN-INTERNET ACCESS			
3	RR3ZZZ	1620.00	DKK	1620.00	REGULAR RATE X-LARGE ROOM-KING BED-DESK- UNIQUE INDIVIDUAL DESIGN-INTERNET ACCESS			
4	XT3ZZZ	1050.00	DKK	1050.00	BE CONNECTED TRAVEL AGENT RATE-IATA ID REQUIRED X-LARGE ROOM-KING BED-DESK- UNIQUE INDIVIDUAL DESIGN-INTERNET ACCESS			

### Rules Display for example #2

Dates: 6/10/2007 - 6/11/2007      Nbr Nights: 1    Nbr Adults: 2    Nbr Children: 2  
RoomMaster ID: 24852    WW Worldhotels

**Check-in**

CHECK IN / CHECK OUT  
CHECK IN    15 00H / 3.00PM    CHECK OUT    12 00H / NOON  
EARLY CHECK IN 12 00H / NOON  
EXPRESS CHECK IN    POSSIBLE    EXPRESS CHECK OUT    POSSIBLE

**Rates**

DR3ZZZ    / ADULTS 2 /  
BEST AVAILABLE RATE- INCL 500 MILES/ BREAKFAST  
X-LARGE ROOM/KING BED/DESK/  
UNIQUE INDIVIDUAL DESIGN/INTERNET ACCESS  
1620.00 (DKK)    PER NIGHT STARTING 10JUN07 FOR 01 NIGHT  
1620.00 (DKK)    SUB-TOTAL INCLUDES ALL KNOWN TAXES/FEES  
1620.00 (DKK)    APPROX-TOTAL INCL ALL KNOWN TAXES/FEES  
INCLUDED ITEMS    TOTAL PER STAY    STATE TAX 324.00,  
BUFFET BF 250.00,  
EXTRA CHARGED SUPPLEMENTS PER DAY    SALES TAX/VAT 0.00,  
RATE INCL. 25PCT VAT AND BREAKFAST. INCL.500 MILES PER STAY.  
PLEASE PRESENT YOUR FREQUENT FLYER CARD UPON ARRIVAL. THANK  
YOU FOR CHOOSING HOTEL FOX.

**Rate Includes**

COMMISSION POLICY TRAVEL AGENCY COMMISSION 10.00 PERCENT  
INCLUDING TAXES. ROOM RATE ONLY, EXCEPT WHEN NOTED  
NON-COMMISSIONABLE. WORLDHOTELS COMMISSIONS ARE PAID IN  
LOCAL CURRENCY EVERY 14 DAYS PLEASE PROVIDE YOUR IATA TIDS  
NUMBER IN THE PNR THANK YOU FOR YOUR BUSINESS

**Extra Charges**

	<b>Cancellation</b>
CANCELLATION MUST BE RECEIVED BY 06 PM DAY OF ARRIVAL LOCAL TIME TO AVOID PENALTY CANCEL PENALTY IS 1 NIGHT.	
	<b>Guarantee</b>
ALL RESERVATIONS HAVE TO BE GUARANTEED AT TIME OF BOOKING BY CREDIT CARD OR TRAVEL AGENCY. DEPOSIT ACCEPTED FOR GUARANTEE. AX, CA, CB, DC, EC, JC, VI	
	<b>Deposit</b>
	<b>Room Features</b>
	<b>Property Description</b>
YEAR HOTEL WAS BUILT 1905 LAST ROOM RENOVATION IN N/A TOTAL NUMBER OF ROOMS 61 MEETING/CONFERENCE ROOMS N/A GUEST ROOM FLOORS 5 ROOMS FOR HANDICAPPED PERS. N/A GUEST ELEVATORS 2 NUMBER OF EXECUTIVE FLOORS N/A SINGLE BED ROOMS 6 ROOM SERVICE YES DOUBLE BED ROOMS 55 NO. OF BARS IN HOTEL 2 TWIN ROOMS 2 NO. OF RESTAURANTS ON SITE 1 FAMILY ROOMS 0 MAX. PERS. IN FAM. ROOM N/A CONNECTING ROOMS N/A PETS ALLOWED NO SUITES 0 GARAGE SPACE NOT AVAILABLE NON SMOKING ROOMS 61 PARKING LOTS 2, 125.00 DKK/DAY LOCATED IN THE PULSING CITY CENTRE OF COPENHAGEN WITH FASCINATING SHOPS, COZY CAFES AND MOVIE THEATERS. ADJACENT TO THE TIVOLI GARDENS AND CITY HALL SQUARE. ALL OF THE CITY WITHIN IMMEDIATE REACH.	
	<b>Address</b>
JARMERS PLADS 3 DK - 1551 COPENHAGEN	
	<b>Phones</b>
Phone: 45-33133000 Fax: 45-33143033	
	<b>Packages</b>
	<b>Promotional</b>
*EW* EXCLUSIVE WORLDHOTELS MASTER CHAIN CODE *EW* INCLUDES *WW*SR*GV* CHECK OUT WORLDHOTELS BEST AVAILABLE RATE WORLDHOTELS - BRINGING UNIQUE HOTELS AND PEOPLE TOGETHER	
	<b>General Rules</b>
	<b>Credit Card Info</b>
	<b>Booking requirements</b>
	<b>Match Qualifier</b>
	<b>Hotel Taxes and Surcharges</b>

### **Booking (Sell) response**

The items below are new to the sell response.

The Approximate Total Rate (AT or AP)

Number of children

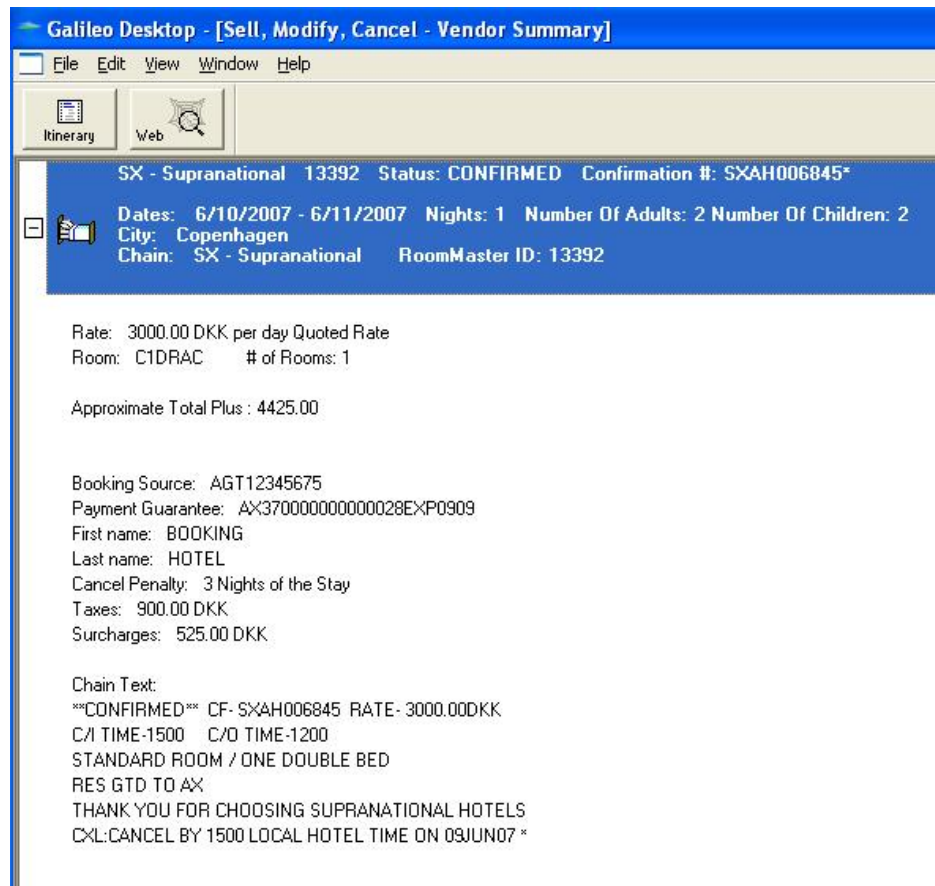
New data indicators/additional charges formatted fields

- If the rate is commissionable
- If the room has a view, i.e. ocean, mountain, etc. (provide an OTA compliant code or leave blank as applicable)
- If the room is smoking or non-smoking
- If a meal is included, defined by the following OTA (Open Travel Alliance) approved meal plan codes:
  - o All inclusive
  - o American
  - o Bed & breakfast
  - o Buffet breakfast

- o Caribbean breakfast
- o Continental plan
- o English breakfast
- o European plan
- o Family plan
- o Full board
- o Full breakfast
- o Half board/modified American plan
- If credentials are required for the booking
- If there a Guarantee, Deposit, or Prepayment requirement (G/D/P)
- If a cancel penalty applies
- Bedding configuration (example 1 King Bed = 1K)
- Total Taxes
- Total Surcharges
- Other taxes/charges as defined by the Hotel Supplier (up to 5) – each data field for additional taxes (up to 5) should be identified based on OTA or industry standards. One of the 5 fields designates as “other” with no specific type of tax indicated.

The screenshot shows the 'Hotel Direct Sell' window with the following details:

- Basic Fields:**
  - In: 6/10/2007 Sunday
  - Out: 6/13/2007 Wednesday
  - Chain: SX - Supranational
  - Number of Adults: 1
  - Nbr Rooms: 1
  - Number of Children: 1
  - Child's Age: 1. 5
  - RoomMaster ID: 13392
  - Booking Code: C1DRAC
- Rate Guarantee:**
  - Credit card: AX - AMERICAN EXPF, Number: 370000000000028, Expires: 09 09
  - TravelScreen
  - Guarantee to agency with IATA number in AAA (AGT)
  - Guarantee to agency with the following IATA number:
  - Deposit has been taken (DPST)
  - Deposit guaranteed by the agency (DPST AGT)
  - Deposit with free form text
  - Other guarantee free form text
  - None
- Use as:**
  - Guarantee
  - Deposit
- Selected Options:** Res. Guar. AX370000000000
- Buttons:** Sell, Cancel
- Footer:** Submit changes and continue



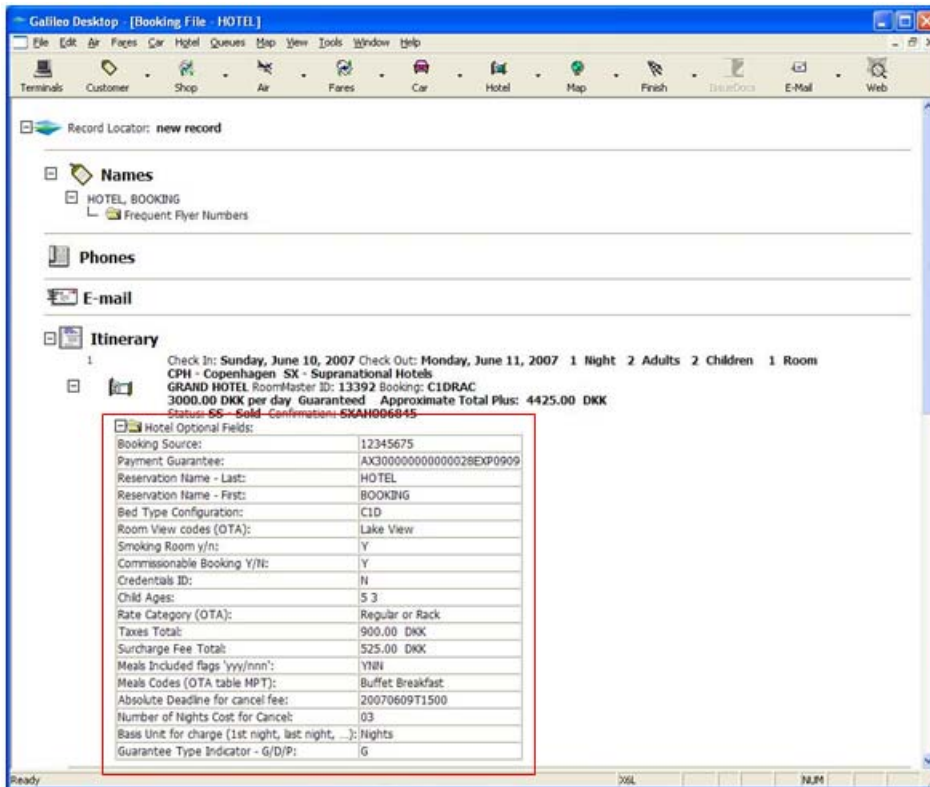
## Modify and Cancel

Modification is available as they are today. Number of Children and Ages is the one additional item available for modify with this project.

Cancellations remain as they are today.

## PNR/Booking File

This project is using the extended BAS (\*) to store supplemental data specific to the booking. The following screen example from the Apollo® and Galileo® Systems illustrates the prompt for the extended BAS to view additional information.



### Best Available Rate Indicator

Best Available Rate Indicator is a new indicator on the Hotel Availability display that identifies the Best Available Rate programs participating hotel chains.

Separate from the Hotel Leisure Rate project, we have added a new field on the Hotel Availability screen. This field identified with an "!" indicates the hotel's rates comply with the "Best Available Rate" program.

Galileo Desktop - [Hotel Availability - CPH 10Jun - 11Jun]

File Information Search Map Sell Sgrr Options View Window Help

Itinerary Complete Description Map Sell More Web CloseWindow

Dates: Sunday, June 10, 2007 - Monday, June 11, 2007 Number of Adults: 2  
 City: Copenhagen - DK (Copenhagen Aapt) CPH Number of Children: 2  
 Reference Point: COPENHAGEN ARPT List of selected qualifiers: Distance <= 010M  
 Total Hotels: 8 Distances in miles

DLX\*OCCIDENTAL MIGUEL ANGEL URBAN SPA MADRID \*FM 120EUR\*HDD13077

#	Line	Chain	Link	Hotel Name	Address	Cur	Rates	Status	Rights	Dist	AAA	Best Rate
Select from the properties below												
<input type="checkbox"/>	1	SX		HOTEL ASTORIA	BANEGAARDSPL...		See Complete...	Not Av...	Credit card	6 NW		
<input type="checkbox"/>	2	SX		71 NYHAVN HOTEL	NYHAVN 71	DKK	1600.00 - 500...		Credit card	5 NW		
<input type="checkbox"/>	3	SX		COPENHAGEN STRAND H	HAVNEGADE 37		See Complete...	Not Av...	12:00 PM hold	5 NW		
<input type="checkbox"/>	4	SX		GRAND HOTEL	VESTERBROGAD...	DNK	1600.00 - 200...		Credit card	6 NW		
Property number: 13392 Chain: Supranational Transportation: Public transportation												
<input type="checkbox"/>	5	SX		PHDENDX COPENHAGEN	BREDGADE 37		See Complete...	Not Av...	Credit card	6 NW		
<input type="checkbox"/>	6	SX		HOTEL OPERA	TORDENSKJOLD...		See Complete...	Not Av...	Credit card	6 NW		
<input type="checkbox"/>	7	SX		COPENHAGEN ISLAND	KALVEBOD BRYG...		See Complete...		Credit card	5 NW		
<input type="checkbox"/>	8	SX		BROENDBY PARK HOTEL	BROENDBY DK		See Complete...		6:00 PM hold	10 W		

Marked Property 
  Featured Property 
  AAA Rating 
  Alternate Availability 
  Inside Shopper 
  Best Rate

Ready



## Document Production

### Electronic Ticket Indicators (Galileo® Only)

An electronic ticket indicator will appear on the Air Availability screen at the end of the flight data display indicating whether flights are eligible (capable) for electronic ticketing.

A new column header has been added to the Air Availability screen to display one of the following indicators as to whether or not a flight segment is eligible (capable) for electronic ticketing.

**E** .....flight segment is eligible (capable) for electronic ticketing

**X** .....flight segment is eligible (capable) for electronic ticketing, but schedule is not eligible

blank .....indicates no data received from the vendor in relation to electronic ticket eligibility

#	Air	Flight	From	To	Departs	Arrives						Booking Codes and Availability
Date: 22 October 2006 Time: 00:01												
From: London - GB (Heathrow) LHR To: Chicago, IL - US (O'Hare Intl Arpt) ORD												
AA	99	LHR	ORD	07:55	10:15	0	777	*	*	E	*	F7 A5 J7 D7 I7 Y7 B7 H7 K7 V7 M7 L7 Q7 S7 G7 N7 O7 W7
UA	929	LHR	ORD	08:00	10:27	0	777	*	*	E	*	F9 C9 D9 Z9 B9 M9 H9 Q9 V9 W9 S9 T9 K9 L9 G9 P9 A8 E9 U9 Y9
BA	295	LHR	ORD	09:35	11:55	0	777	*	*	E	*	F9 A9 J9 C9 D9 I9 W9 T9 Y9 B9 H9 K9 M9 R9 V9 N9 L9 S9 Q9 DC
AA	87	LHR	ORD	10:25	12:55	0	777	*	*	E	*	F7 A1 J7 D7 I3 Y7 B7 H7 K7 V7 M7 L7 Q7 S7 G7 N7 O7 W7
AA	67	LHR	ORD	12:15	14:45	0	777	*	*	E	*	F7 A2 J7 D7 I4 Y7 B7 H7 K7 V7 M7 L7 Q7 S7 G7 N7 O7 W7
UA	949	LHR	ORD	12:50	15:25	0	777	*	*	E	*	F7 C9 D9 Z9 B9 M9 H9 Q9 V9 W9 S9 T9 K9 L9 G6 P7 A4 E9 U9 Y9
BA	297	LHR	ORD	12:55	15:10	0	744	*	*	E	*	F9 A9 J9 C9 D9 I9 W9 T0 Y9 B9 H9 K9 M9 R9 V9 N9 L9 S9 Q9 O9
AA	47	LHR	ORD	14:30	17:00	0	777	*	*	E	*	F7 A2 J7 D7 I4 Y7 B7 H7 K7 V7 M7 L7 Q7 S7 G7 N7 O7 W7
UA	959	LHR	ORD	15:40	18:17	0	777	*	*	E	*	F7 C9 D9 Z9 B9 M9 H9 Q9 V9 W9 S9 T9 K9 L9 G2 P7 A6 E9 U9 Y9
BA	299	LHR	ORD	16:05	18:30	0	777	*	*	E	*	F9 A9 J9 C9 D4 I9 W9 T0 Y9 B9 H9 K9 M9 R9 V9 N9 L9 S9 Q9 DC
AI	125	LHR	ORD	16:10	18:25	0	744			X	*	FA AA JA CR DA WA YA BA HA KA LA MA VA GA
AA	91	LHR	ORD	16:50	19:20	0	777	*	*	E	*	F7 A3 J7 D3 I0 Y7 B7 H7 K7 V7 M7 L7 Q7 S7 G7 N7 O7 W7
UA	949	LHR	ORD	19:55	22:00	0	777	*	*	E	*	F7 C9 D9 Z9 B9 M9 H9 Q9 V9 W9 S9 T9 K9 L9 G2 P7 A6 E9 U9 Y9

● Number of Stops  
 ✈ Equipment  
 🛫 Inside Availability  
 ➔ Secured Sell  
 E E-Ticket Capable  
 ◆ Carrier Specific Display  
 ◆ Advertised Item

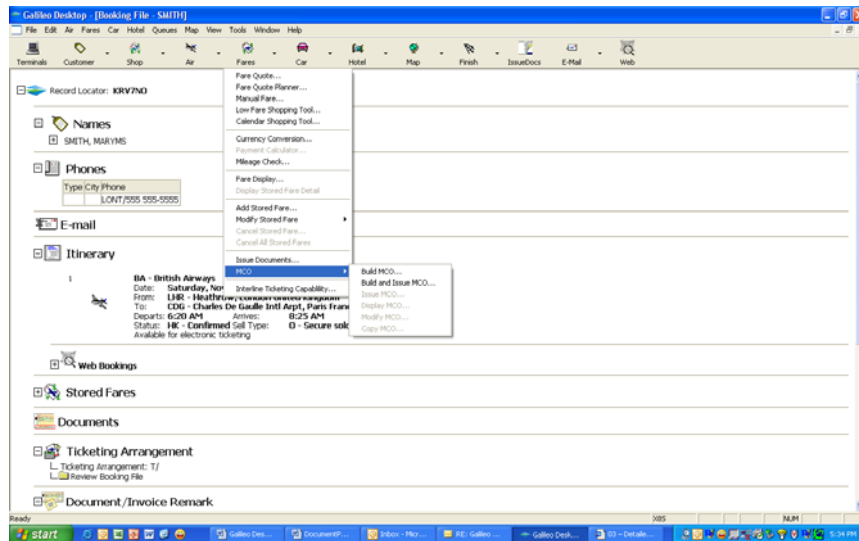
By clicking on the header of the electronic ticket eligibility (capable of electronic ticket) column, or by selecting the menu item from the *Sort* menu on the Air Availability screen, the indicators will sort in ascending order.

## Automated MCO (Galileo® Only)

This application provides users the functionality to build, display, issue, modify, and copy automated Miscellaneous Charge Orders (MCOs).

The existing menu option under the *Fares* menu of the Viewpoint™ application has a new menu item *MCO*. The MCO menu item has the following sub-menu items as mentioned below:

- Build MCO...
- Build and Issue MCO...
- Issue MCO...
- Display MCO...
- Modify MCO...
- Copy MCO...



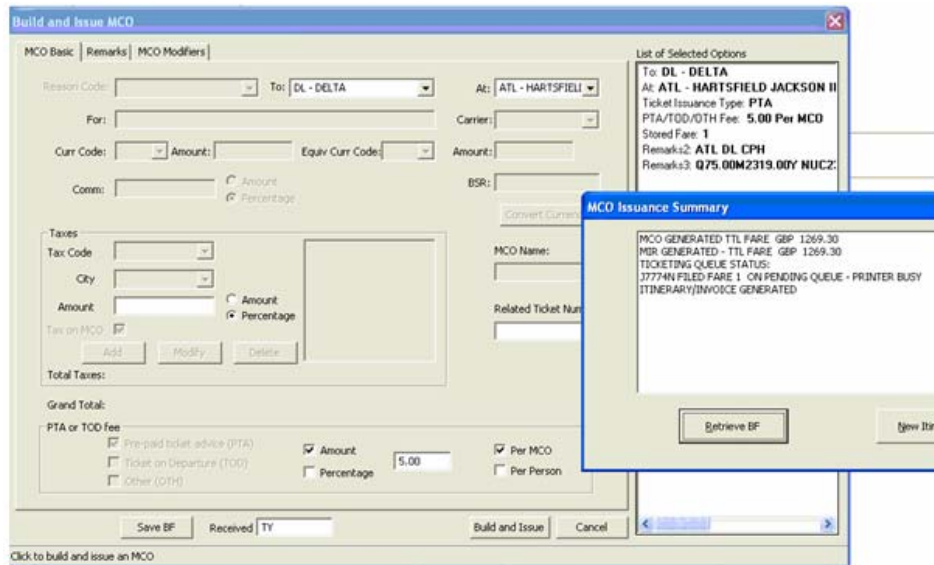
The selection of the menu items corresponds to the desired MCO function.

The sub-menu items *Issue MCO*, *Display MCO*, *Modify MCO*, and *Copy MCO* disable if user does not select a specific MCO.

The user can only issue an MCO once. If they select an issued MCO in the Booking File (BF), the system disables the menu item *Issue MCO*. The system also disables the *Modify MCO* sub-menu item.

The *Build MCO* screen displays if the user selects the sub-menu item *Build MCO*.

If the user selects the sub-menu item **'Build and Issue MCO'**, the *Build and Issue MCO* dialog displays with the list of stored fares in the Booking File (BF) along with fields to input PTA/TOD/OTH options.



Prerequisites to *Build MCO* and *Build and Issue MCO* are:

- The Booking File (BF) must have at least one confirmed air segment and one stored fare.
- The number of existing MCOs of the Booking File (BF) should be less than 99.

The user has the ability to save the Booking File (BF) from the MCO screens. A 'Save BF' button along with a 'Received' input field is available in the MCO for this purpose.

The user is able to *Build MCO* and *Build and Issue MCO* through a generic set of screens. The same generic screens are used to Modify, Copy, or Issue an existing MCO. The display of some of the screens will differ based on the MCO operation selected.

When selecting the *Build MCO* menu option, the user is able to create an MCO. The methods to create an MCO are:

- Build a Free Form MCO – building an MCO by filling all required data across tabs.
- Build an MCO using a Filed Fare in the Booking File (BF) – building an MCO by selecting a Filed Fare.
- Build an MCO using Names and/or Segments in the Booking File (BF) – selecting one or more names and/or segments.

When selecting the *Build and Issue MCO* menu option, a dialog displays showing the list of stored fares with the PTA/TOD/OTH option.

On providing these inputs and on a successful host transaction, if the itinerary is eligible for an Electronic Ticket (ET), a screen prompting the user to select either creating an MCO or an electronic ticket displays. On selecting the ET/PT option, the MCO dialog screen displays.

The *Build and Issue MCO* permits selecting one stored fare, any one of PTA/TOD/OTH and all required data.

The following tabs display in the MCO build process. Based upon the user's inputs, fields are either hidden or disabled.

- MCO Basic
- Stored Fares
- Names and Segments
- Form of Payment
- Remarks

The user is able to build an MCO by filling the mandatory fields in the *MCO Basic*, *Form of Payment*, and the *Remarks* page without selecting a stored fare, name from the Booking File (BF), or segment from the Booking file (BF).

The user is able to build an MCO by selecting a stored fare and without having to give other input to any other fields in the *Build MCO* screen.

The user is able to build an MCO by selecting a name and/or segment from the Booking File (BF); however, the user is not able provide input for 'To', 'At', and 'For' fields if a segment is selected, and the name field if a name is selected.

The user is able to provide data to other field in the *MCO Basic*, *Form of Payment*, and *Remarks* tab of the *Build MCO* screen.

To build and issue an MCO, the system provides the user a dialog to input a stored fare and an option from PTA/TOD/OTH.

If the itinerary is eligible for an electronic ticket, the system provides a user the option to choose either create an MCO or issue an electronic ticket.

If the user selects *Continue with MCO* then, based on the user input, the MCO screen launches pre-filled with the details received from the host. The system permits the user to modify data and submit the Build and Issue request.

The following tabs display in the MCO screen:

- MCO Basic
- Remarks
- Modifiers

When the user successfully completes the build operation, the stored MCO details display to the user to allow the issue of the MCO, or to modify the MCO data.

The *Build MCO* or *Build and Issue MCO* screen displays when the user selects the *Build MCO* or *Build and Issue MCO* menu option either from the Viewpoint™ menu or from the Booking File (BF) right click menu.

Input control fields that are part of the *Build MCO* and *Build and Issue MCO* screens:

- **Save BF:** When clicked, the current BF should save with the value entered in the *Received* edit box.
- **Received:** This is an edit box.
- **Build:** When the user comes to this screen through the 'Build MCO...' menu or the right click menus 'Copy MCO...', when clicked, the MCO is built based on the filled in values.
  - o If the user launches the 'Build MCO' screen for the purpose of Modification, the 'Build' button appears as 'Modify'.
- **Issue:** When clicked, MCO should issue.
- **Build and Issue:** This button is visible only when the user comes to this screen through *Build and Issue MCO* menu option.

- **Selected Options List:** This list box displays all the inputs available for different fields in various pages of the MCO screen. When double-clicking an item in the list box, the focus is set to the corresponding field. When deleting an item by clicking the Delete button, the focus is set to the corresponding field and the data erases.
- **Cancel:** When the user is finished with the *Build*, *Build and Issue*, *Copy*, or *Modify* actions, the buttons disable and the text of the *Cancel* button changes to *Close*. When they click the button, the MCO screen closes.

Screen Descriptions for 'Build MCO' or 'Build and Issue MCO'.

- MCO Basic
- Stored Fares
- Names and Segments
- Form of Payment
- Remarks
- Modifiers

### 'MCO Basic' Screen

There are some differences to this screen depending on whether the user launches the MCO build screen through *Build MCO* or through *Build and Issue MCO*.

### 'Build MCO' Screen

The screenshot shows the 'Build MCO' application window. The interface is organized into several sections:

- Top Tabs:** MCO Basic (selected), Stored Fares, Names and Segments, Form of Payment, Remarks, MCO Modifiers.
- Main Form Fields:**
  - Reason Code: [Dropdown]
  - To: [Dropdown]
  - At: [Dropdown]
  - From: [Text]
  - Carrier: [Dropdown]
  - Curr Code: [Dropdown]
  - Amount: [Text]
  - Equiv Curr Code: [Dropdown]
  - Amount: [Text]
  - Comm: [Text]
  - Amount/Percentage radio buttons.
  - BSR: [Text]
  - Convert Currency button.
  - Tax Code: [Dropdown]
  - City: [Dropdown]
  - Amount: [Text]
  - Amount/Percentage radio buttons.
  - Tax on MCO checkbox.
  - Add, Modify, Delete buttons.
  - Total Taxes: [Text]
  - Grand Total: [Text]
  - PTA or TOD fee section:
    - Pre-paid ticket advice (PTA) checkbox
    - Ticket on Departure (TOD) checkbox
    - Other (OTH) checkbox (checked)
    - Amount/Percentage radio buttons.
    - Per MCO/Per Person checkboxes.
- Right Panel:** List of Selected Options. Shows: Ticket Issuance Type: OTH, Form Of Payment: FS Cash.
- Bottom Buttons:** Save BF, Received, Build, Issue, Cancel.
- Status Bar:** Enter the reason code.

## Build and Issue MCO' Screen

The *MCO Basic* screen contains the following fields:

- *Reason Code*: This field accepts only one character, the reason code, and the description of the reason code. All the valid reason codes are available to populate from this field. The valid reason codes and corresponding descriptions are in the list below.

A	- AIR TRANSPORTATION
B	- SURFACE TRANSPORTATION
C	- BAG SHIPPED AS CARGO
D	- LAND ARRGS FOR IT
E	- CAR HIRE
F	- SLEEPER/BERTH
G	- UP-GRADING
H	- UNDER COLLECTIONS
I	- TAXES/FEES/CHARGES
J	- DEPOSITS DOWN PAYMENTS
K	- REFUNDABLE BALANCES
L	- HOTEL ACCOMMODATIONS
M	- SUNDRY CHARGES
N	- CANCELLATION FEE
O	- OTHER
P	- Rebooking Fee Domestic
Q	- Rebooking Fee International
R	- Lost Ticket Fee
S	- Unaccompanied Minor Fee Domestic
T	- Unaccompanied Minor Fee International
U	- Collection for Excess Baggage Charges
V	- Airline Specific V
W	- Airline Specific W
X	- Airline Specific X
Y	- Airline Specific Y
Z	- Airline Specific Z
1	- Prepaid Ticket Advice
2	- Market Specific 2
3	- Market Specific 3
4	- Market Specific 4

- 5 - Market Specific 5
- 6 - Market Specific 6
- 7 - Market Specific 7
- 8 - Market Specific 8
- 9 - Market Specific 9

- **To:** The user is able to fill in the two-character airline code and the result displays the airline name along with the code. Freeform data can be input. A Hot-Key is associated with the underlined character of the static text 'To', to provide easy key navigation.

- **At:** The user is able to fill in the three-character city code and the result shows the city name along with the code. Freeform data can be input. A Hot-Key is associated with the underlined character of the static text 'At' to provide easy key navigation.

- **For:** The user is able to enter free format text. A Hot-Key is associated with the underlined character of the static text 'For' to provide easy key navigation.

- **Curr Code and Equiv Curr Code:** The user is able to enter or select a permissible three-character currency code or show the currency name along with the code. Hot-Keys are associated with the underlined characters of the static texts 'Curr Code' and 'Equiv Curr Code' respectively, to provide easy key navigation.

- **Amount:** In the first edit box, the user is able to fill in the numeric value of the amount for 'Currency Code'. In the second edit box, the user is able to fill in the numeric value of the amount for 'Equiv Currency Code'.

- **BSR:** This edit box is for filling in the numeric value of BSR. This field is mandatory only when providing the Equiv Currency code.

- **Comm:** This edit box is for filling in the numeric value of commission. A Hot-Key is associated with the underlined character of the static text 'Comm', to provide easy key navigation.

- **'Amount' or 'Percentage' choice:** There are two radio buttons for indicating whether the value entered in the "Comm" edit box is an amount or percentage of commission. By default, 'Percentage' is pre-selected.

- **Carrier:** The user is able to fill in the two-character airline code and the result will display the airline name along with the code. Free form data can be input. A Hot-Key is associated with the underlined character of the static text 'Carrier' to provide easy key navigation.

- **MCO Name:** This edit box is for filling in the name of the user. This field remains disabled for 'Build and Issue MCO'. A Hot-Key is associated with the underlined character of the static text 'MCO Name', to provide easy key navigation.

- **Related ticket Number:** This edit box is for filling in the ticket number. Alphanumeric values can be input in this field. A Hot-Key is associated with the underlined character of the static text, 'Related ticket Number', to provide easy key navigation.

- **The PTA or TOD Fee section** on the 'MCO Basic' screen allows the user to specify a PTA/TOD/OTH fee. The fee can be an amount or percentage and can be associated per MCO or per Person.

o **Pre-paid ticket advice (PTA) or Ticket on Departure (TOD) or Other (OTH) choice:** There are three mutually exclusive check boxes for selecting any one of the PTA, TOD, or OTH options. These check boxes disable when the user comes to the 'MCO Basic' screen through the 'Build and



Issue MCO' menu. This occurs as the user has already provided the choice while selecting a stored fare for creating a Build and Issue MCO (TKPMCO). In this case, the option provided by the user is defaulted. In the regular Build MCO scenario, the checkboxes remain enabled. This includes scenarios when the user navigates to the 'MCO Basic' screen through the 'Build MCO' / 'Modify MCO' / 'Copy MCO' menus. The user is able to select only one of the PTA/TOD/OTH fee types. A default selection is configurable by a user. The Tools -> *Options* -> *Ticketing* page now allow a user to set the default choice from there.

- **'Amount' or 'Percentage' choice:** These two check boxes, which are mutually exclusive, indicate whether the value entered in the fee edit box is the actual amount or percentage. These check boxes enable only when the user clicks one of the check boxes – PTA/TOD/OTH, or selects one of these check boxes by default based on the user's preference selected in the Tools -> Options dialog.
- **PTA or TOD Fee Edit Box:** This is an edit box for filling in the numeric value of the PTA or TOD Fee. This edit box enables only when selecting one of the check boxes - PTA/TOD/OTH. The value entered by the user could be an amount or percentage based on the check boxes selected.
- **Per MCO/Per Person choice:** These two check boxes are mutually exclusive. These check boxes indicate whether the fee amount/percentage is associated per MCO or per Person. These check boxes disable by default, enable only when selecting one of the check boxes – PTA/TOD/OTH.
- **Convert Currency:** This button displays a dialog that allows the user to convert between different currencies using either the NUC value or Bank selling Rate.
- **Tax Code:** This box gives a list of tax codes from which the user can select. By default, this box disables when the user navigates to the 'MCO Basic' screen through the 'Build MCO' / 'Modify MCO' / 'Copy MCO' menus. Only when the user tabs out of the Currency Code 'Amount' box, it enables. This box disables for the Build & Issue process.
- A list box to the right of the taxes group box displays the list of tax codes that the user has added. The user can also select a tax code to modify the details or delete the tax code from the list. This option disables during the Build & Issue process.
- **City:** This box enables the user to select a city code. By default, this box disables when the user navigates to the 'MCO Basic' screen through the 'Build MCO' / 'Modify MCO' / 'Copy MCO' menus. Only when the user enters a tax code that can be broken down, for instance XF or ZP, should the box enable. This option disables during the Build & Issue process.
- **Amount:** This box is for populating and modifying the list box on the right side of the dialog. The value in this box should indicate the tax amount for the selected city or Code. The amount and city code/tax code will move to the list box on pressing the 'Add' button. By default, this box disables when the user navigates to the 'MCO Basic' screen through the 'Build MCO' / 'Modify MCO' / 'Copy MCO' menus. The box enables only when the user enters a tax code or a city code. The box enables when the user comes to the 'MCO Basic' screen through the 'Build and Issue MCO' menu.
- **Tax on MCO:** This check box is for specifying a specific tax code as Tax on MCO. The user can enter a tax code and click on this check box to indicate the specific tax code is Tax on MCO. They can be only select one tax code as tax on MCO. They cannot break down the tax code selected as Tax on MCO, so they cannot enter XF and ZP taxes as Tax on MCO. When the tax code is marked as tax on MCO and added to the Tax tree list, we flag the particular tax code as Tax on MCO. *For example*, "XP 5.00 Tax on MCO" is the text added to the tree list. This check box does not display for the 'Build and Issue MCO' process.

- **Tax on MCO Amount / Percent indicator:** This field enables only for the 'Build and Issue MCO' process. There are a set of two radio buttons, Amount and Percent. The radio buttons disable for the 'Build MCO' / 'Modify MCO' / 'Copy MCO' processes.
- **Add:** This button is for associating the tax amount to the tax code or the city code and move the tax data to the list box on right of the taxes group box. This option disables during the Build & Issue process.
- **Modify:** This button is for modifying the tax amount reflected against a city or code. They accomplish this by selecting the appropriate city or code from the list box, providing a value in the Amount box and clicking the 'Modify' button. This control disables during the Build & Issue process.
- **Delete:** This button is for deleting values from the list box. This option disables during the Build & Issue process.
- **Total Taxes:** This screen position displays the total tax. This screen position disables during the Build & Issue process.
- **Grand Total:** This screen position displays the total amount including tax. This screen position disables during the Build & Issue process.
- For 'Build and Issue MCO', the caption of the MCO screen is 'Build and Issue MCO' instead of 'Build MCO' and the 'Build' button is 'Build and Issue'.

### Form of Payment Screen

The following dialog box is available to the user for the Form of Payment information.

The screenshot shows the 'Build MCO' dialog box with the 'Form of Payment' tab selected. The dialog contains the following elements:

- Credit Card
  - Non system Credit Card
  - Vendor: [Dropdown]
  - Number: [Text Box]
  - Expiration Date: Month [Text Box] Year [Text Box]
  - Authorization: [Text Box]
  - Customer Reference number: [Text Box]
  - Order Number: [Text Box]
  - Extended Payment Months (Optional) [Text Box]
- Cheque/Check (FCK)
- Cash (FS)
- Other [Dropdown]

At the bottom, there are buttons for 'Save BF', 'Received', 'Build', 'Issue', and 'Cancel'. A footer note reads: 'Specify a credit card as form of payment'. On the right side, there is a 'List of Selected Options' panel showing 'Form Of Payment: FS Cash'.

In *Build MCO*, when building the MCO either by selecting Names and/or Segments or by free format entry, the user can enter or change details in the *Form of Payment* screen. When building an MCO by selecting a stored fare, this screen is disabled. For *Build and Issue MCO*, this screen does not display.

The *Form of Payment* Screen contains the following fields.

- **Credit Card:** By checking this box, the user can select a credit card as the mode of payment. A Hot-Key is associated with the underlined character of the static text 'Credit Card' to provide easy key navigation.

The following form of payment options enables when selecting credit card as a mode of payment.

- **Non-system Credit Card:** This checkbox is to indicate that the credit card is a non-system credit card. If this box is checked, the '*Customer Reference number*' and '*Order Number*' options are disabled. A Hot-Key is associated with the underlined character of the static text 'Non system Credit Card' to provide easy key navigation.

- **Vendor:** This box lists the credit card vendors. A Hot-Key is associated with the underlined character of the static text 'Vendor' to provide easy key navigation.

- **Number:** This box is for entering credit card numbers and accepts only numeric values. A Hot-Key is associated with the underlined character of the static text 'Number' to provide easy key navigation.

- **Expiration Date (Month and Year):** These boxes accept only numeric values. A user can enter the month and year of expiration for the credit card. A Hot-Key is associated with the underlined character of the static text 'Expiration Date' to provide easy key navigation.

- **Authorization:** This box accepts alphanumeric values through which the user can enter an authorization code of the credit card. A Hot-Key is associated with the underlined character of the static text 'Authorization' to provide easy key navigation.

- **Customer Reference number:** This box accepts alphanumeric values through which the user can enter the customer reference number. A Hot-Key should be associated with the underlined character of the static text 'Customer Reference number' to provide easy key navigation.

- **Order Number:** This box is to enter an order number. A Hot-Key is associated with the underlined character of the static text 'Oder Number' to provide easy key navigation.

- **Extended Payment Option:** Once this box is checked, the 'Months (Optional)' field enables, otherwise; it remains disabled. A Hot-Key is associated with the underlined character of the static text 'Extended Payment Option' to provide easy key navigation.

- **Months (Optional):** This box is used to enter the months for extended payment option. The maximum value is 12.

- **Cheque/Check (FCK):** By checking this box, the user can select the cheque/check as the mode of payment. A Hot-Key is associated with the underlined character of the static text 'Cheque/Check (FCK)' to provide easy key navigation.

- **Cash (FS):** By checking this box, the user can select cash as the mode of payment. A Hot-Key is associated with the underlined character of the static text 'Cash' to provide easy key navigation.

- **Other:** This box enables the user to enter details of any other mode of payment. A Hot-Key is associated with the underlined character of the static text 'Other' to provide easy key navigation.

The check boxes corresponding to the different payment mode options 'Credit Card', 'Cheque/Check (FCK)', 'Cash (FS)' and 'Other' are mutually exclusive.



## Remarks Screen

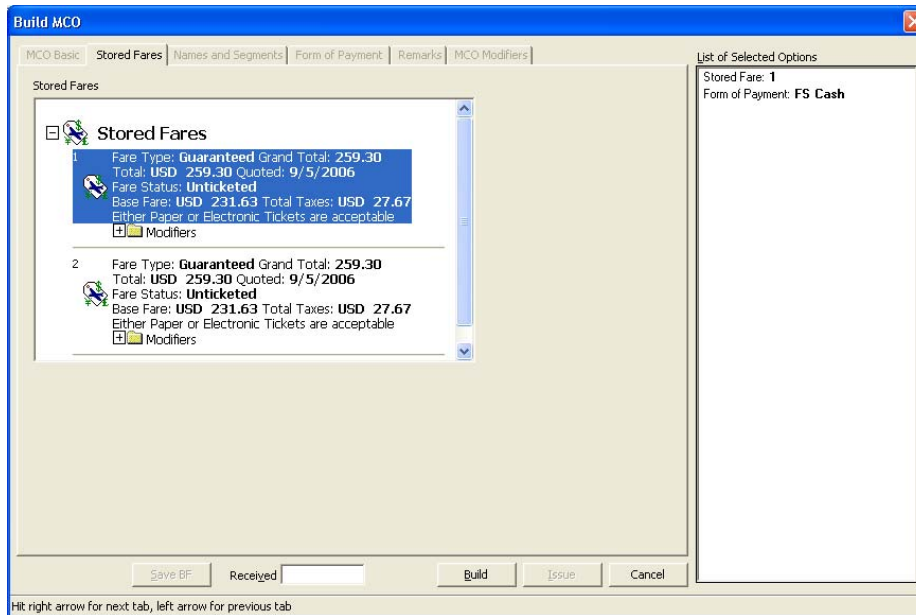
The Remarks Screen is for the input of "Remarks". This screen has three boxes for filling in freeform remarks as shown below.

For 'Build and Issue MCO', the title of the 'Remarks' screen is 'Build and Issue MCO' instead of 'Build MCO' and the button labeled 'Build' is labeled as 'Build and Issue'. The remarks are editable in open space only for 'Build and Issue MCO'. For other MCOs, the user can modify any of the text anywhere.

*For 'Build and Issue MCO', the remarks screen appears as below.*

## Stored Fares Screen

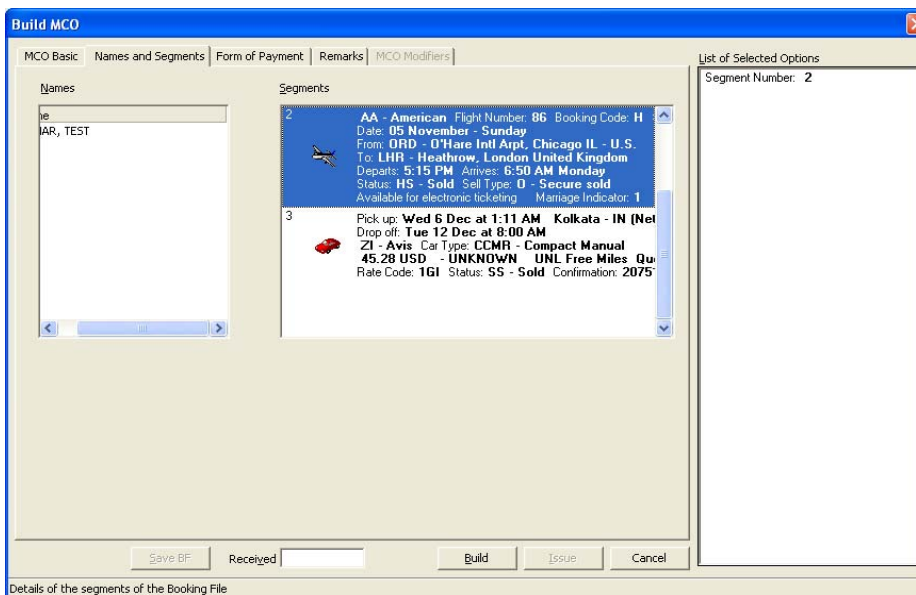
The Stored Fares screen lists all the stored fares available in the current Booking File (BF) as shown.



This screen displays only for the Build and Copy process and does not display during the Build and Issue, Modify and Issue process. From this list, the user is able to select only one stored fare. The user is able to unselect a stored fare by clicking again on the selected stored fare. If there are no stored fares in the booking File (BF), then this screen is not shown.

## Names and Segments Screen

The *Names and Segments* screen lists all the names and confirmed Air segments, CCR type of Car segments, and HHL type of Hotel segments available in the current Booking File (BF) as shown. From these two lists, the user is able to select one or more names and/or one or more air segments. Air segments allow multi-selection, but Car and Hotel segments do not.



The *Names and Segments* screen contains the following fields.

- **Names:** This list box displays all the names in the current Booking File (BF). The user is able to select one or more names by clicking on the names in the list box.
- **Segments:** This list box displays all the confirmed air segments, CCR type car segments and HHL type Hotel segments in the current Booking File (BF) The user is able to select one (or more, only for Air segment type) segment (s) by clicking on the items of the list box.

This screen displays only for the Build MCO process and does not display during the Build and Issue, Modify and Issue process.

### MCO Modifiers Screen

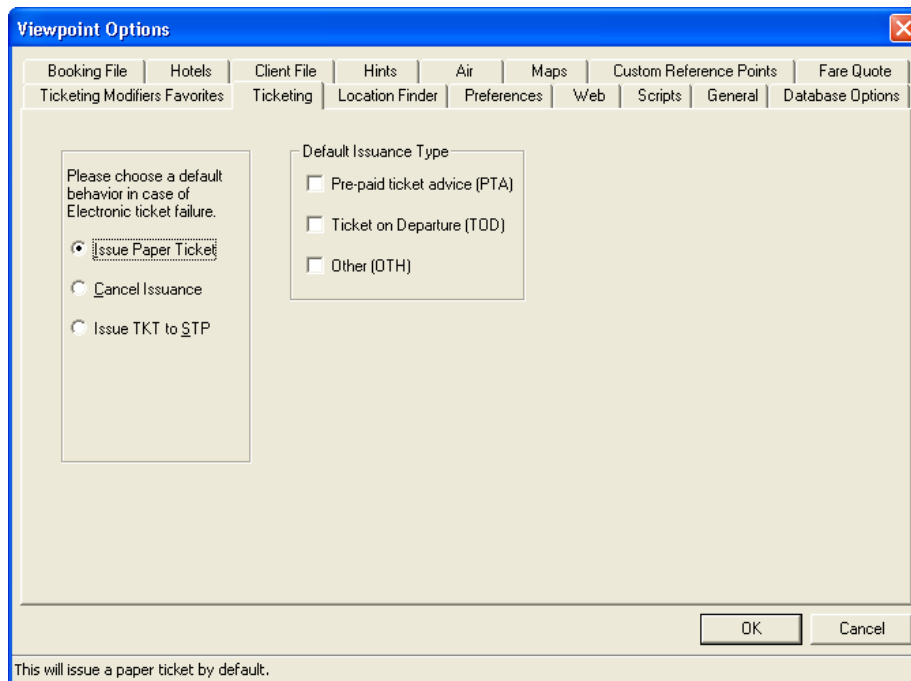
The 'MCO Modifiers' screen enables the user to add only the allowed modifiers. This screen displays only during the Build and Issue and the Issue process.

The screen consists of the following fields.

- **Modifiers:** This box lists all valid modifiers for a specific process (Issue / Build and Issue Process). When selecting a modifier from this box, the input displays.
- **Add:** This button is for adding the selected modifier.
- **Delete:** To delete a modifier, select a modifier from the list of added modifiers and click on this button to delete the modifier from the list.

**Configuration of PTA/TOD/OTH default Selection:**

In the Viewpoint Tools ->Options ->Ticketing tab, a new group box 'Default Issuance Type' group box has been added. Within this group box there are three mutually exclusive check boxes namely 'Pre-paid ticket advice (PTA)', 'Ticket on Departure (TOD)' and 'Other (OTH)'. The modified screen displays.

**Processing an MCO**

- Access the 'Build MCO' screen from the Viewpoint menu 'Build MCO'.
- The 'Build and Issue MCO screen is accessed from the Viewpoint menu 'Build and Issue MCO'.
- If the screen launches from the 'Build MCO' menu, the 'MCO Basic' will be the default screen.
- The user is able to navigate to any screen and build the MCO by selecting different options and filling in the input fields. If the user selects a stored fare or names and/or segments, some of the fields are disabled.
- If an MCO screen launches from the 'Build and Issue MCO' menu, the screen pre-fills with data returned by the host. The 'Stored Fare', 'Names and Segments' and 'Form of Payment' screens will not be displayed.
- The following list of fields enables for this process.
  - 'MCO Basic' Page
    - o To
    - o At
    - o PTA/TOD/OTH – These fields populate based on the user input in the 'Build and Issue MCO' dialog.



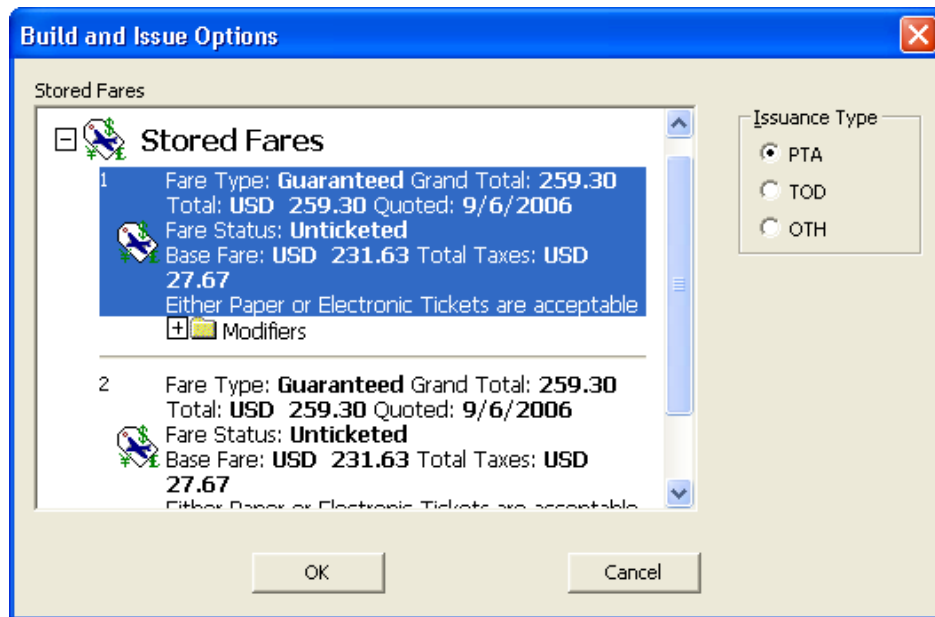
- Related Ticket Number
- PTA / TOD / OTH Fee Per MCO/Per Person.
- PTA / TOD / OTH Fee Amt/Pct Indicator
- PTA / TOD / OTH Fee Amt/Pct Value
- TAX ON MCO Amt/Pct Indicator
- TAX ON MCO Amt/Pct Value
  
- Remarks Screen
  - Remarks 1
  - Remarks 2
  - Remarks 3
  
- The text boxes in the *remarks screen* enable based on the available open spaces for entering remarks.
  
- MCO Modifiers Screen
  - All the fields of this screen are enabled that were available for 'Issue' MCO.

### **Build a Free Format MCO:**

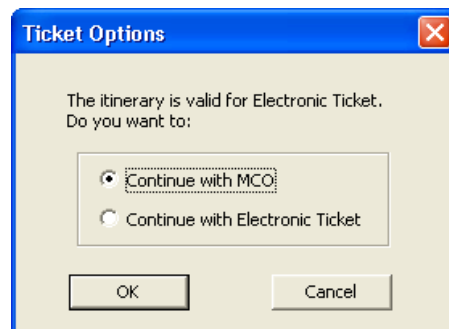
- To build a free format MCO, launch the 'Build MCO' screen through the 'Build MCO' menu. The default page is the 'MCO Basic' page.
  
- Fill in the input fields in the 'MCO Basic', 'Form of Payment' and 'Remarks' screens and click the 'Build' button. If the request is successful, the newly added MCO is displayed in the MCO sub section, under the 'Documents' section in the Booking File (BF). The 'Build MCO' screen will remain active so that the user can Issue or Modify the MCO.
  
- The 'Build' button is disabled, and the 'Issue' button enables. The text of the 'Build' button becomes 'Modify' and the 'Cancel' button becomes 'Close'.
  
- If the request fails and an error message returns, the MCO remains live in the screen for modification (such as adding form of payment).

### **Build and Issue an MCO from Booking File through Stored Fare:**

To build and issue an MCO from a booking file through a stored fare, select a stored fare and a modifier PTA/TOD/OTH from the dialog that launches when the user clicks the Build and Issue menu item. The user can select *only one* stored fare. When the user provides these inputs and clicks the OK button of the dialog, it retrieves the stored fare.



If the itinerary is eligible for Electronic Ticketing, the user receives an option to continue with creating the MCO or continue with Electronic Ticketing.



If the user clicks the *Cancel* button on this dialog, the process cancels and an *Ignore and Redisplay* occurs. If selecting the *Continue with MCO* option, the MCO screen launches with pre-filled data.

The following screens are available to the user, *MCO Basic*, *Remarks*, and *Modifiers*. The remarks page pre-fills based on data retrieved from the host. The remarks retrieved from the host are not editable. The user can edit remarks only on the open spaces. The user can modify data in the other tabs.

After providing the necessary inputs, click on the *Build and Issue* button. If the request is successful, the user receives options to *Retrieve BF* or switch to *New Itinerary* in the MCO Issuance Summary dialog.

If the user opts for *Retrieve BF*, the system dismisses the MCO screen, and the newly added MCO displays in the MCO section of the current Booking File. If the request fails and an error message returns, the MCO remains active in the screen for modification.

### ***Build an MCO from Booking File through Stored Fare:***

To build an MCO from a Booking File (BF) through a stored fare, launch the *Build MCO* screen through the *Build MCO* menu. The default is the *MCO Basic* screen.

Go to the *Stored Fare* page and select one stored fare. After selecting a stored fare, all the tabs in the MCO screen are disabled. The user can choose to deselect the stored fare to enable all the tabs and adopt a different method to build an MCO.

Click the *Build* button after selecting a stored fare. If the request is successful, a message box displays with the message 'MCO Created from *Filed Fare*, and the newly added MCO displays in the MCO section in the Booking File (BF). The *Build MCO* screen remains active to enable the user to issue or modify the MCO.

The label of the *Build* button changes to *Modify* and is disabled. The *Issue* button enables. The text of the *Cancel* button becomes *Close*.

If the request fails and an error message returns, the MCO remains active in the screen for modification (such as adding form of payment).

***Build an MCO from Booking File through Names:***

To build an MCO from a booking file through Names, launch the *Build MCO* screen through the *Build MCO* menu. The default is the *MCO Basic* screen.

Go to the *Names and Segments* screen and select one or more Names. When complete, the Name edit field in the *MCO Basic* screen is disabled.

The user can fill in other required information on other screens and click on the *Build* button. If the request is successful, a message box displays with the message 'MCO Data Stored', and the newly added MCO displays in the MCO section in the Booking File (BF).

The *Build MCO* screen remains active to enable the user to issue or modify the MCO.

The label of the *Build* button changes to *Modify* and is disabled and the *Issue* button enables. The text of the *Cancel* button becomes *Close*. If the request fails and an error message returns, the MCO remains active in the screen for modification (such as adding form of payment).

***Build an MCO from Booking File through Segments:***

To build an MCO from a booking file through Segments, launch the *Build MCO* screen through the *Build MCO* menu. The default is the *MCO Basic* screen.

Go to the *Names and Segments* page and select one or more Segments. The user is able to multi-select only Air segments. When complete, the 'To', 'At', and 'For' fields in the *MCO Basic* screen are disabled.

The user should fill in the relevant fields in different screens and click on the *Build* button. If the request is successful, a message box displays with the message 'MCO Data Stored' and the newly added MCO displays in the MCO section of the Booking File (BF).

The *Build MCO* screen remains active to enable the user to issue or modify the MCO. The label of the *Build* button changes to *Modify* and disables. The *Issue* button then enables. The text of the *Cancel* button becomes *Close*.

If the request fails and an error message displays, the MCO remains active in the screen for modification (such as adding form of payment). This applies to all MCO build processes.

***Build an MCO from Booking File through Names and Segments:***

To build an MCO from a booking file through Segments, launch the 'Build MCO' screen through the 'Build MCO' menu. The default is the 'MCO Basic' screen.

Go to the 'Names and Segments' screen and select one or more names and one or more Segments. The user is only able to multi select Air segments. When complete, the 'Name', 'To', 'At' and 'For' fields in the *MCO Basic* screen disables.

Fill in the relevant fields in different screens and click on the *Build* button. If the request is successful, a message box displays the message 'MCO Data Stored' and the newly added MCO displays in the MCO section in the Booking File (BF). The *Build MCO* screen remains active to enable the user to issue or modify the MCO.

The label of the *Build* button changes to *Modify* and is disabled. The *Issue* button enables. The text of the *Cancel* button becomes *Close*.

If the request fails and an error message displays, the MCO remains active in the screen for modification (such as adding form of payment). This applies to all MCO build processes.

### **Taxes:**

Taxes related to the MCO (XP) are segregated from the other taxes and are handled separately

### **MCO Modifiers:**

The user should add the required MCO modifiers in the *MCO Modifiers* page during the MCO Issue and *Build and Issue* process.

### **Save BF:**

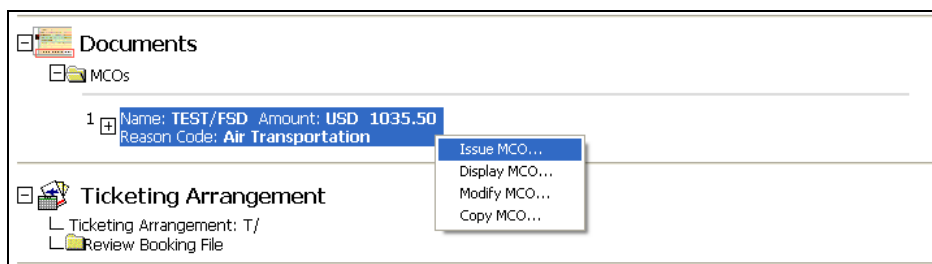
When the user clicks *Save BF*, it reads the *Received* field and the host saves the current Booking File (BF). If the request is successful, they remain in the same screen in order to enable the user to build the MCO. If there is an error, the user receives an error message and remains in the same screen (build MCO screen). A Hot-Key is associated with the underlined character of the static text 'Save BF' to provide easy key navigation.

### **MCO Outputs**

Once an MCO is *Built*, or *Built and Issued*, it displays in the MCO portion under the Documents section in the Booking File (BF).

### **Issue MCO**

To issue an MCO, click on the right click context menu item *Issue MCO* under the "MCOs" (available from the main menus under fares also) sub-section of the *Documents* section in the PNR page as shown.



The user should press the *Issue* button from the *Issue MCO* dialog.

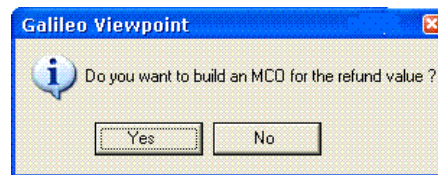
- After selecting the *Issue* button, the request to issue the selected MCO details go to the host and the Booking File (BF) refreshes with the issued MCO.

- A copy of the selected MCO is printed.

### **Ability to build an MCO as part of relay exchange process**

The Viewpoint Relay application provides a facility to build an MCO as a part of a ticket exchange process.

After filling the necessary information in the relay exchange process, if the user presses 'Ok' to initiate the exchange process, a request goes to the host, and when a response comes back, a confirmation message displays. If it is a refund transaction the current message box is replaced by a new message box showing the message “**Do you want to build an MCO for the refund value?**” with 'Yes' and 'No' button as shown.



The 'No' button dismisses the message box and the existing ticketing exchange process continues.

The 'Yes' button sends the request to the host for building the MCO, and an MCO is added in the MCO list in the Booking File (BF) after a successful host operation.

If the user presses the 'Yes' button, the ticket exchange process completes, followed by end transacting the exchange process. A request goes to the host for building the MCO for the refund value. The built MCO adds to the MCO list in the Booking File (BF) after successful host operation.

Pressing the 'No' button dismisses the message box and the existing ticketing exchange process continues.

### **Ability to view a list of MCOs**

The Viewpoint application enables the user to display the list of MCOs for a particular Booking File (BF) in the 'MCOs' subsection under the 'Documents' section of the Booking File (BF).

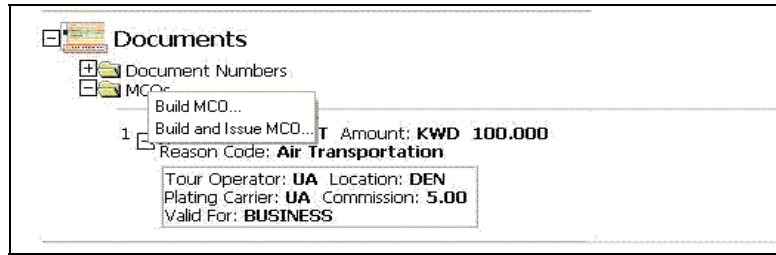
### **Ability to right click on MCO or Stored Fare**

The Viewpoint application provides a context menu on right clicking on the MCO subsection; e.g. on the group of MCOs under the *Documents* section of the PNR screen.

The Viewpoint application provides a context menu with different options by right clicking on individual MCOs shown under the MCO subsection of the *Document* section of the Booking File (BF).

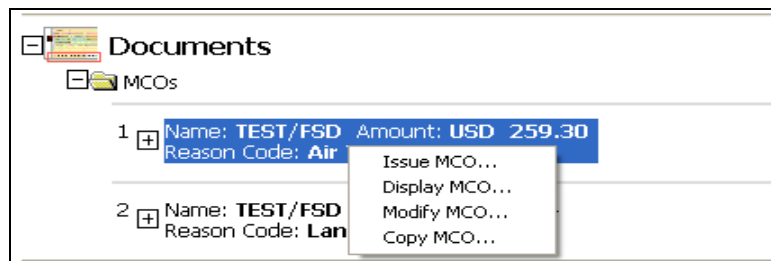
The context menu shown for a group of MCOs has the following options.

- Build MCO...
- Build and Issue MCO...



The context menu shown for the individual MCO has the following options.

- Issue MCO...
- Display MCO...
- Modify MCO...
- Copy MCO...

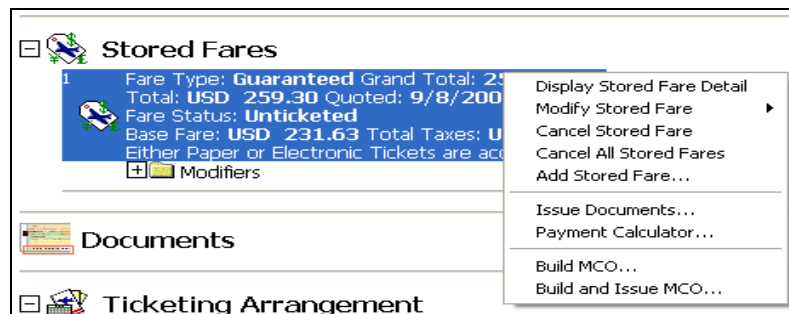


- The Issue MCO... menu item in the context menu disables when the user right clicks on the issued MCO
- The Display MCO... menu item is always enabled
- The Modify MCO... menu item in the context menu disables when the user right clicks on an issued MCO
- The Copy MCO... menu item disables when the user right clicks on the built and issued MCO

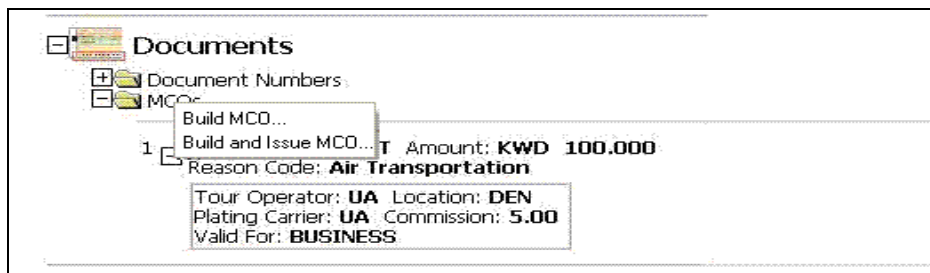
The Viewpoint application provides a context menu on right clicking on the individual stored fare under the section *Stored Fares* of the Booking File (BF)

The context menu shown for the individual stored fare section under the *Stored Fares* section has the following options:

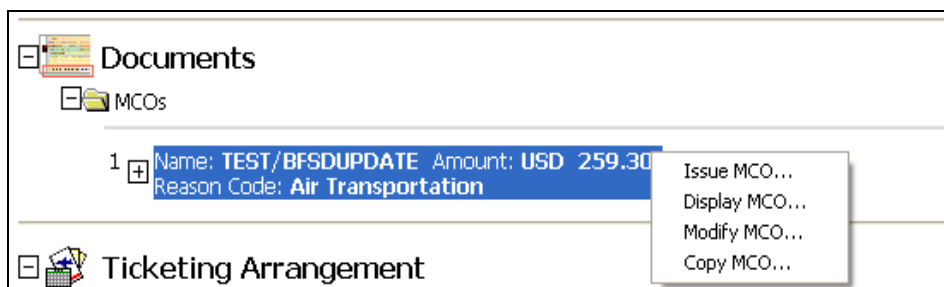
- Build MCO...
- Build and Issue MCO...



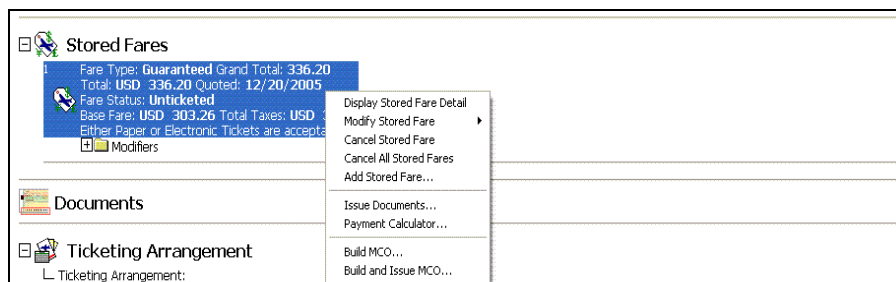
The context menu displayed on right clicking an individual MCO under the *MCOs* subsection of the *Documents* section of the Booking File (BF) have the menu items as shown.



The context menu displayed on right clicking an individual MCO under *MCOs* subsection of the *Documents* section of the Booking File (BF) has the menu items as shown:



The context menu shown on the right clicking an individual stored fare under the *Stored Fares* section of the Booking File (BF) has the menu items as shown:



### **Ability to modify a Viewed MCO**



The user is able to select only one of the existing MCOs from the list in the Booking File (BF) itinerary view and click on the *Modify* option from the context menu. The user cannot modify the MCO created with TKPMCO. Any other MCO can be, however modifiable, unless it has been issued.

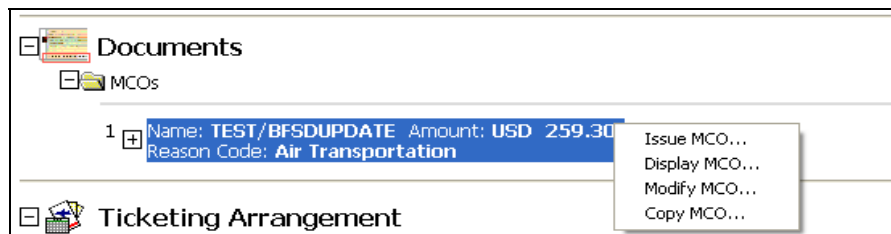
The user is able to modify the fields of the MCO. The user is able to expand the stored MCOs folder, right click on one of the MCOs, and select *Modify* from the context menu to get the screen. All fields of the screens are modifiable.

When the user launches the MCO screen to modify an MCO, the following is the list of enabled screens:

- MCO Basic
- Form of Payment
- Remarks

*Steps required to modify an existing MCO of a BF are as follows:*

- Right click on an existing MCO shown under the *Documents* section of the Booking File (BF) to see a context menu.



- Click on the menu item *Modify*.
- On clicking the *Modify MCO* option, a dialog similar to the MCO screen with the title *Modify MCO* launches with fields pre-filled with the values from the selected MCO. The user is allowed to modify all the fields if the MCO is modifiable.

### **Ability to copy MCO**

The Viewpoint application provides a context menu 'Copy MCO...' in individual MCO section under the '+MCO' subsection of the Booking file (BF).

After clicking the menu item 'Copy MCO...' under individual MCO section under the MCO subsection of the Booking File (BF), the *Build MCO* launches with a dialog caption 'Copy an MCO'.

The following is a list of screens that display:

- MCO Basic
- Stored Fare
- Names & Segments
- Form of Payment
- Remarks

When selecting the 'Copy MCO...' option, the fields in the *Copy MCO* screen pre-populate with values from the selected source MCO.

The user can enter or modify the information in the dialog.

They can copy any MCO except the TKPMCO, which is built and issued.

Should the user select an issued MCO from the MCO tree, the option 'Copy MCO...' in the context menu enables.

All fields copy (all fields being pre-populated in the 'Copy MCO' screen), if the MCO is eligible to be copied.

The *Build* button in the *Copy MCO* screen sends the request to the host and builds a new MCO.

On successful copying of the MCO, the *Cancel* button label changes to *Close*, and the *Issue* button enables while the *Modify* button is disabled.

In case of failure while copying an MCO, an error message displays and on pressing the *Close* button on the error dialog, the control comes back to the parent dialog. The *Build* button and the *Cancel* button will not change to *Close*.

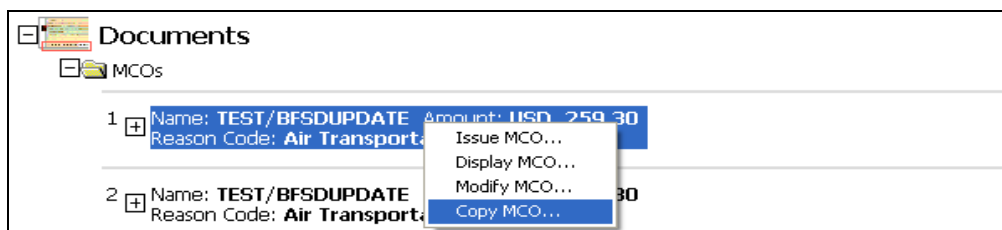
The newly copied MCO appends in the MCO tree in the Document section of the Booking File (BF) view.

The *Cancel* button dismisses the *Copy MCO* screen without doing anything, and returns to the Booking File (BF) view screen with focus to the selected MCO.

The user can enter or modify the information in the dialog.

The user cannot copy the MCO created from TKPMCO.

To copy an MCO, the user should expand on the '+MCO' section and select an MCO and choose from context menu (by right clicking on the selected MCO) 'Copy MCO...' in the Booking File (BF) as shown.



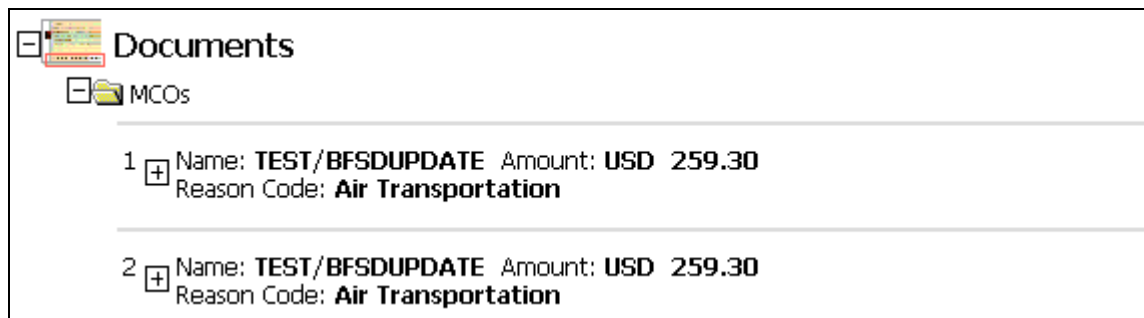
Once they click the menu 'Copy MCO...' the *Copy MCO* screen launches.

To copy an MCO:

- Click the *Build* button in the dialog to copy the opened MCO. If necessary, the user can modify the data in the dialog.
- Check Booking File (BF) View to verify the Copied MCO appended in the MCO tree list.
- To cancel the copy MCO operation, user should click on the *Cancel* button

After clicking the 'Copy MCO...' option from the MCO sub section of the Booking File (BF) screen, the *Copy MCO* property screen is launched with fields pre-filled with values from the source MCO. The user should provide other mandatory information, and click on the *Build* button.

The copied MCO details display in the *Documents* section of the Booking File (BF) screen shown below where MCO 2 is the copy of MCO 1.



### **Ability to display MCO**

User should be able to display any MCO irrespective of its state (built or issued).

On selecting the option 'Display MCO...' from the context menu or from the MCO main menu, a new window launches similar to *InFlight Services*.

The screen has one list box to show the list of MCOs present in the current Booking File (BF), and another list box to display the details of the selected MCO in the MCO list box. The screen title is 'MCO Details for MCO: {selected MCO number}'.

In the MCO list box following the details of the MCOs, for each MCO listed, the following displays.

- {MCO Number}
- {Passenger Name}
- {Currency code} {Amount}
- {Reason}

In the MCO Details list box, the following details of the selected MCO display

- Passenger Details:
  - Name: {Passenger Names}
- MCO Basic:
  - Name of Airline or Operator: {'To' field value}
  - Place at which MCO is to be presented: {'At' field value}
  - Type of service for which issued: {'For' field value}
  - Reason Code: {Reason}

Issued in connection with: {Related Ticket Number value}  
Carrier: {Tour Operator}

- Ticket Issue Details:

Ticket Issue Indicator: {PTA / TOD / OTH}  
Fee Value: {Amount} {Currency / percentage}

Fee Applies To: {Per} {Person / MCO}

- Fare Details:

Base Fare: {Currency} {Amount}  
Equivalent Amount :{ Currency} {Amount}  
Rate of Exchange: {BSR}  
Commission: {Comm}

- Taxes:

Taxes: {...}  
Total Taxes:

- Form of Payment:

{Details of Form of Payment}

- Remarks:

Remarks: {Remarks}  
{Additional Remarks}

The display screen has a toolbar with the following tools (buttons):

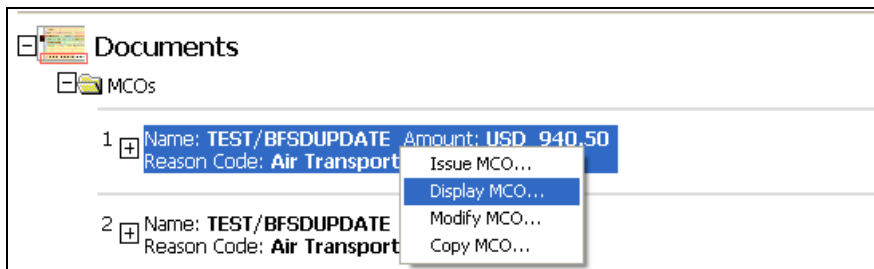
- Itinerary
- Issue MCO...
- Modify MCO...
- Copy MCO...
- Web
- Close Window

The 'Issue MCO...' and 'Modify MCO...' menu items will be disabled if the selected MCO is already issued.

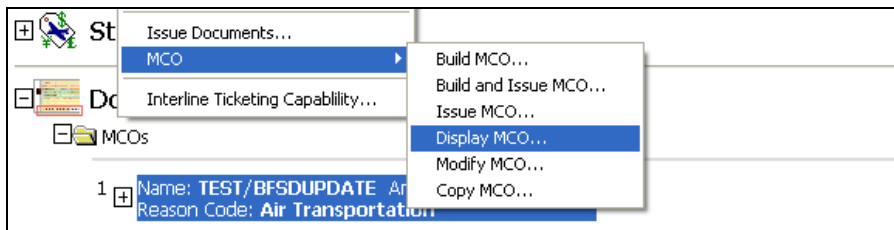
If they select an MCO in the Booking File (BF) screen when the MCO Display view screen launches, it selects that particular MCO when the screen shows up. If they do not select an MCO in the Booking File (BF) screen, by default it selects the first MCO.

On clicking the *Close Window* button, the window closes and the Booking File (BF) view window focuses on the selected MCO.

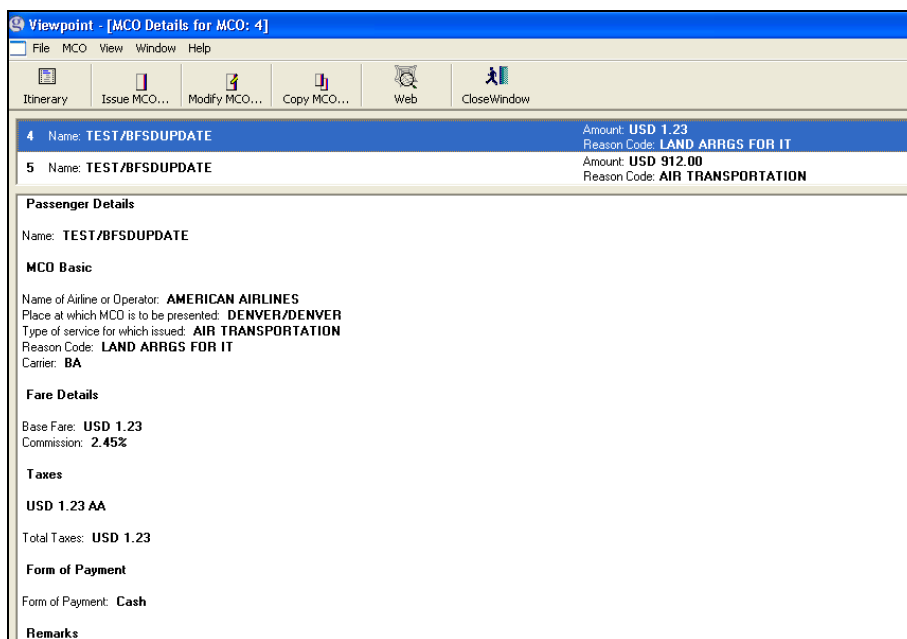
To view the details of an MCO, the user should click on menu item 'Display MCO...' from the context menu, under the individual MCO section under *MCOs* sub-section of the Booking File (BF) as shown.



To view the details of the MCO, the user should click on the 'Display MCO...' from the MCO main menu. The screen shot is below.



Upon selecting the 'Display MCO...' menu item to view an MCO's details, the details of the MCO display.



## Summary

If the user selects the sub-menu item *Issue MCO*, the *Issue MCO* screen displays. From this screen, the user can print the MCO.

If the user selects the sub-menu item *Display MCO*, the *Display MCO* screen displays showing the details of the MCO(s).

If the user selects the sub-menu item *Modify MCO*, the *Modify MCO* screen displays showing the details of the selected MCO for editing.

If the user selects the sub-menu item *Copy MCO*, the *Copy MCO* screen displays with the details of the selected MCO pre-filled in the dialog.

## Interline Ticketing Agreement

### **Ability to override interline ticket check at time of ticketing**

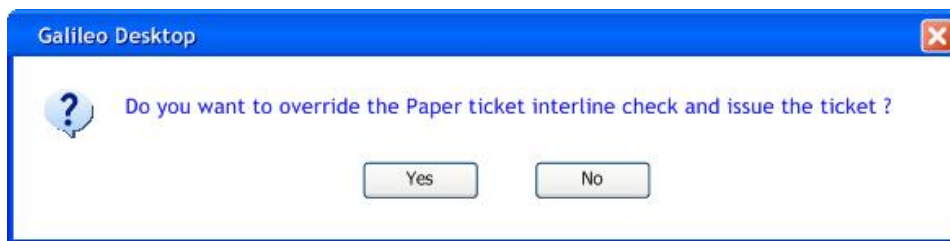
Users now have the option to override the interline ticketing agreement at ticketing, allowing the issuance of a paper ticket. They can also validate if an interline ticketing agreement exists without doing a fare quote or issuing a ticket.

An Air segment can have two different carriers, and either of them can provide the ticket. If no interline ticket agreement exists among the carriers, then electronic ticketing cannot occur, forcing the user to issue a paper ticket.

The user is given an option to override the interline ticket check.

The user can choose to ignore the validation of the interline ticketing agreement for a paper ticket.

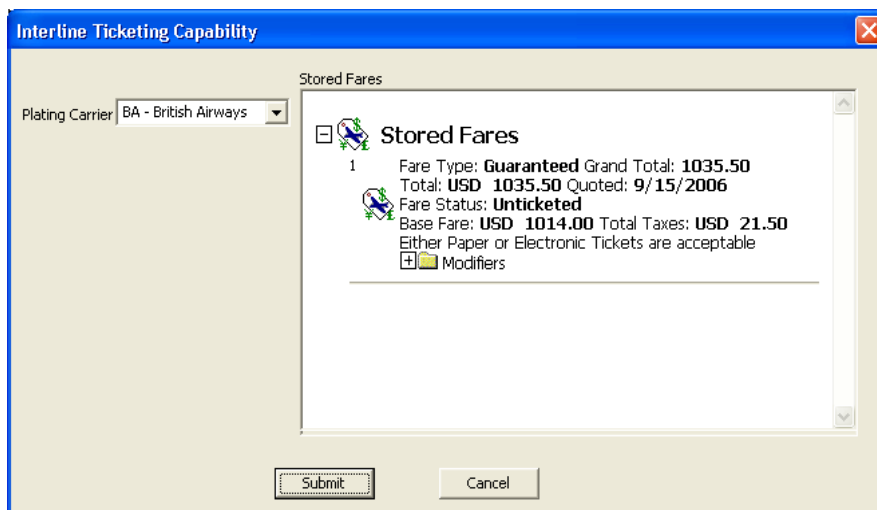
If an error response from the Host is due to the failure of the interline ticketing validation then the following screen will be shown.



The user can click on the 'Yes' button to override the validation or can click on 'No' button for not overriding the validation.

### **Ability to validate interline ticketing capability for flights in a Booking File without ticketing or quoting a fare**

For the new Interline ticketing capability validation in Viewpoint, a new screen is available to Viewpoint. For accessing this screen, a new submenu item *Interline Ticketing Capability* is available to the Fares menu of the Viewpoint application. The screenshot is below.

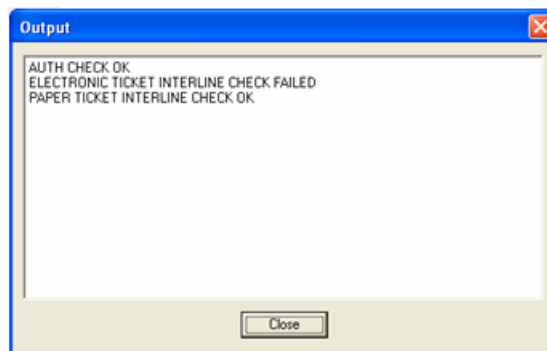


The descriptions of the input fields and their behaviors for each of the fields in the screen are as follows:

- **Plating Career:** This box is similar to the 'Airlines' box on the *Air Availability Request* screen. The user is able to type a two-character airline code and the box displays the airline code along with its description. *For example*, if the user input is "AA", it displays as "AA – American" and if they enter "XX", XX-UNKNOWN displays.
- **Stored Fare:** The user is able to select only a single item from the list of stored fares. It will list down all the stored fares present in the current Booking File (BF). The user should select the stored fare for which the user wants to validate the interline ticketing capability.
- **Submit:** The user should click this button once they select Airline and/or Stored fare. The request goes to the host.
- **Cancel:** The user has the option to click this button to dismiss the dialog.

When clicking the *Submit* button in the *Interline Ticketing Capability* dialog, they capture the input(s) from the dialog and the request goes to the host.

The response received from the host is as shown.



### Bulk Ticketing Modifier (Galileo® Only)

#### ***Ability to indicate Inclusive Tour or Bulk Inclusive Tour***

The two check boxes under inclusive tour and bulk inclusive tour check boxes have been replaced by one check box entitled 'Inclusive Tour' (IT/IT\*PC) and one check box entitled 'Bulk inclusive tour' (BT/BT\*PC).

The modified screen is below.



The ticketing modifiers display *Inclusive Tour* or *Bulk inclusive tour*, based on the status (checked or unchecked) of the check boxes in the ticketing modifier dialog. This appears in the Booking File (BF) screen and the *Stored fares details* response screen.

In the Booking File (BF) screen, the Group Tour item in the Ticketing Modifiers subsection of the Stored Fares section displays *Inclusive Tour* when checking the Inclusive Tour check box while adding Ticketing Modifiers in Input screen.

**Stored Fares**

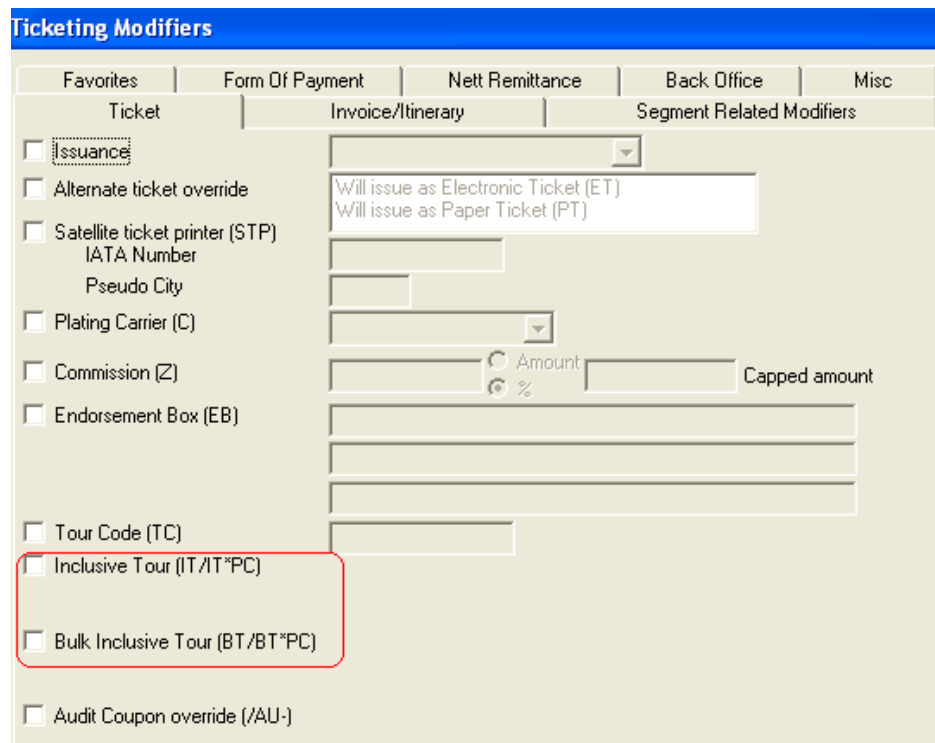
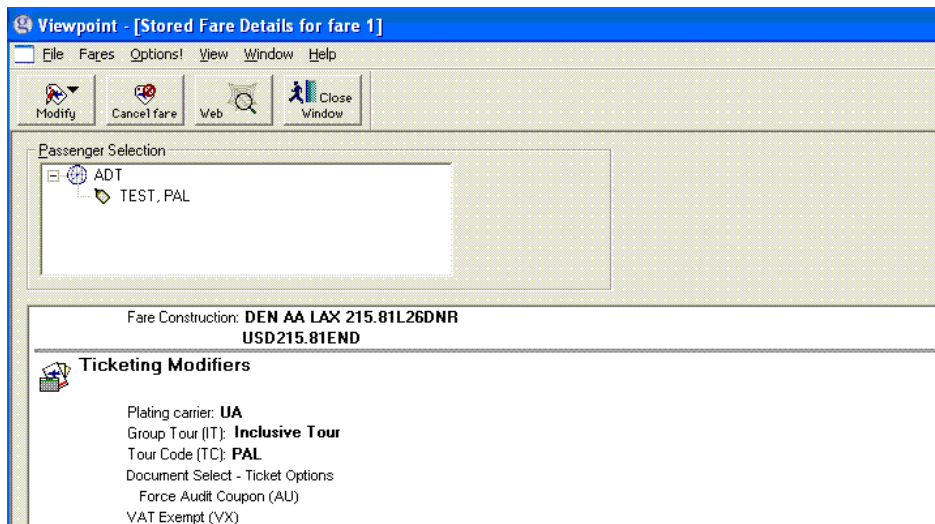
1 Fare Type: **Guaranteed** Grand Total: **242.20**  
 Total: **USD 242.20** Quoted: **12/9/2005**  
 Fare Status: **Unticketed**  
 Base Fare: **USD 215.81** Total Taxes: **USD 26.39**  
 Either Paper or Electronic Tickets are acceptable  
 Modifiers

Pricing Modifiers		
Modifier	Value	Applies to
Passengers	1	
Segments	1	
PTC	ADT	Passengers 1

Ticketing Modifiers		
Modifier	Value	more
Plating carrier	UA	
Group Tour	Inclusive Tour	
Tour Code	PAL	
V.A.T. Exempt	selected	

In the Stored Fares detail screen, Group Tour (IT) displays as 'Inclusive Tour' when checking the Inclusive Tour check box in the Ticketing Modifiers screen (below). A similar implementation exists for the Bulk Inclusive tour as well.



## Fares / Pricing

### PTC Enhancements

#### Passenger Type Codes (PTCs) / Discount Modifiers

Viewpoint™ supports three-character Passenger Type Codes (PTCs). These replace the PIC codes. The Fares Categories dialog box populates with the PTCs.

#### Inputs

The user can enter the PTC manually, or select it from the drop-down menu. When entered manually, click on the down arrow to launch the related fields.

The following selections are available in the Calculated Fares dropdown:

Galileo®	Apollo®
Agent with discount percent (AD)	Agent with discount percent (AD)
Discount Amount after Tax (FT)	Discount Amount after Tax (DFT)
Discount Amount before Tax (FA)	Discount Amount before Tax (DF)
Discount with percent (RP)	Discount with percent (DP)
Increase fare by flat amount (IF)	Increase fare by flat amount (IF)
Increase with percent (IP)	Increase with percent (IP)

After selecting one of the Calculated Fares options, a text box (Percent or Amount) displays for the user to enter the discount value.

## Outputs

The Passenger Description displays the Calculate selected.

**Fare Quote**

Names | Flights | Other

Name	Passenger Code	Ticket Code	Ticket Designator
<input checked="" type="checkbox"/> Test, Pal	ADT*FA10 - Adult		

All Names  Use PTC Only

Passenger Description: ADT\*FA10 - Adult

Ticket Code (TC)

Ticket Designator (TD)

Hint

If a name (this tab) or a segment ('Flights' tab) has a checkmark to the left of it, then that name or segment will be included in the fare quote when the OK button is pressed.

If you wish to add name or segment modifiers to specific names or segments, then you must first select the items to which the modifiers should be applied. A selected item will be highlighted against the background of the selection box.

Multiple items may be selected by pressing the control key down at the same time as using the mouse to click on the desired names / segments.

**Selected Options**

Passenger Code  
Public and PrivateFares

**Fare Quote Type**

Quote as Booked  
 Best Buy  
 Best Buy Regardless  
 Best Buy Compare

The Fare Quote response screen includes the Calculate with the Passenger Code.

**Galileo Desktop - [Fare Quote]**

File | Fares | View | Window | Help

Itinerary | Rules | MileageRouting | Currency | Sell | RebookFare | StoreFare | Web | CloseWindow

Total: 1274.10 USD  
 Type: **Best Buy**  
 Names: Test, Pal <- Passenger Code: ADT\*FA10

List of Selected Qualifiers:  
 Passenger Code  
 Public and PrivateFares

Existing Flights:  
 BA 302 10JUN LHRCDG 6:20 AM - 8:25 AM <- Public and PrivateFares: XG4  
 QF 3403 17JUN CDGLHR 7:40 AM - 8:05 AM <- Public and PrivateFares: XG4

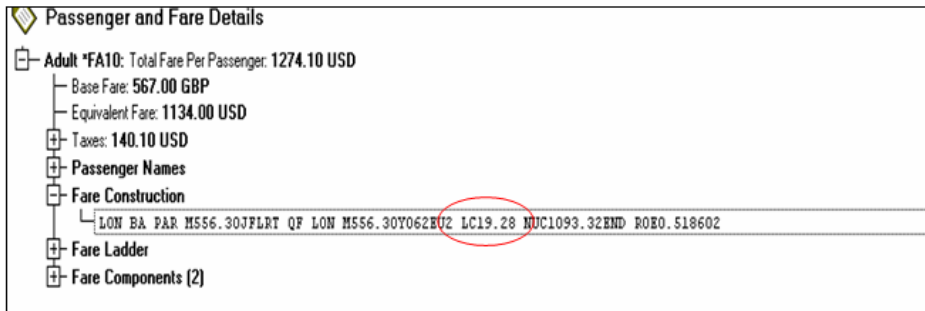
**Total Quote Details**

- Quote Date: **3 May 2007**
- Last Date to Purchase Ticket with a Booking Date of Today: **10 June 2007**
- Total Fare: **1274.10 USD**
  - Base Fare: **567.00 GBP**
  - Equivalent Fare: **1134.00 USD**
  - Taxes: **140.10 USD**
- Rebook: booking code change required
  - BA 302 10JUN LHRCDG 6:20 AM - 8:25 AM <- stay booked in J
  - QF 3403 17JUN CDGLHR 7:40 AM - 8:05 AM <- rebook from J to H
- Fare Guarantee Status: **Agent overrides used in quote**
- Most Restrictive Rules (4)**
  - Start Travel: **Travel can start as soon as 1 March 2007**
  - Stopovers: **See Rule Detail or Summary**
  - Permitted Combinations: **See Rule Detail or Summary**
  - End to End Combinations: **See Rule Detail or Summary**
- Messages
- Fare Basis Codes** (by segment; to view rules use Fare Components below)
  - Adult \*FA10:**
    - From: LHR To: CDG Fare Basis: JFLRT
    - From: CDG To: LHR Fare Basis: Y062EU2

**Passenger and Fare Details**

- Adult \*FA10: Total Fare Per Passenger: 1274.10 USD**

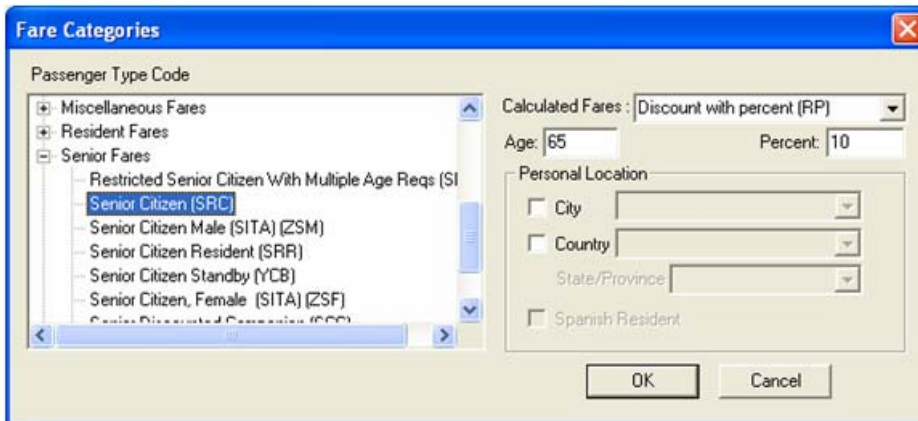
When the Passenger and Fare Details expand, the Fare Construction shows the system applies the discount amount.



### PTC Quote with Additional Discount – Galileo® Only

A discount modifier is available in addition to a PTC code to obtain an additional discount on a PTC fare. This applies to a limited set of discount modifiers. This is available only on Galileo®.

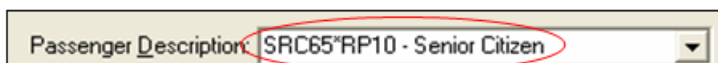
### Inputs



The user selects 'SRC' PTC from the fare categories Passenger Type Code list. They can enter the passenger age in a text box. In addition, they can select a flat amount or discount to further discount the Senior Citizen fare. In the above example, they select the percent discount, and enter a discount value of 10 in the Percent text box.

### Outputs

The Passenger description field in the dialog boxes displays the PTC and the discount modifier.



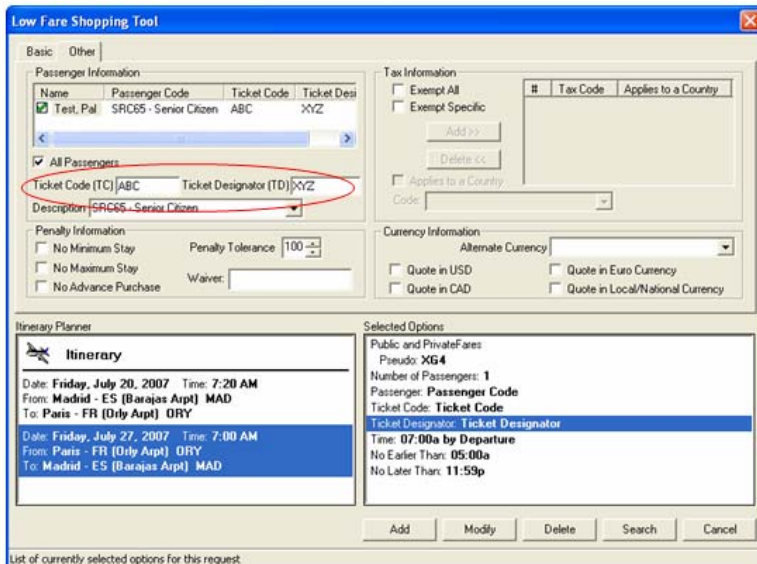
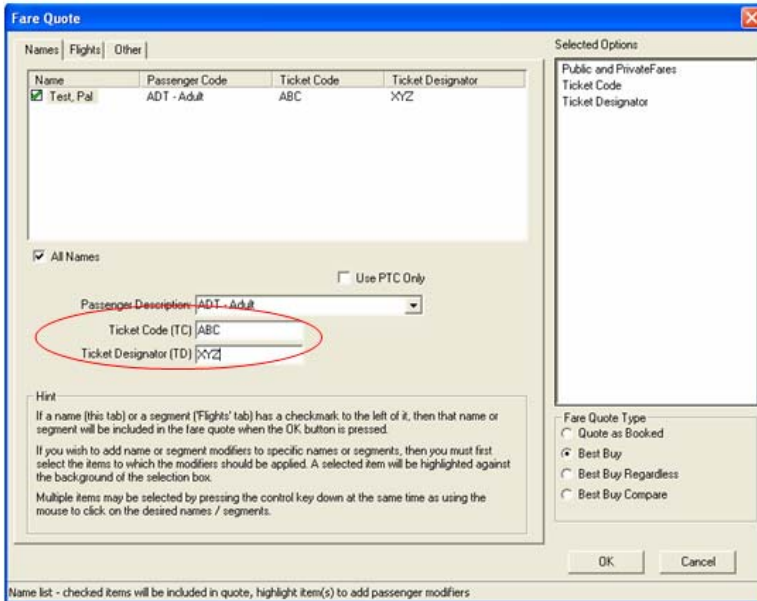
The 'Fare Basis Codes' and 'Passenger and Fare Details' in the Fare Quote response screen display the PTC and the discount modifier.



### Ticket Code/Ticket Designator – Available on Galileo® Only

The ability to add a Ticket Code and Ticket Designator is now available on Galileo®.

### Inputs





## Personal Geography Modifier

Carriers may file fares containing geographic conditions in the fare rules. The new pricing modifier allows agents to enter specific geographic conditions applicable to the PTC, along with other pricing modifiers. This includes a check box to indicate Spanish Resident, available on Galileo® only.

### Inputs

Galileo:

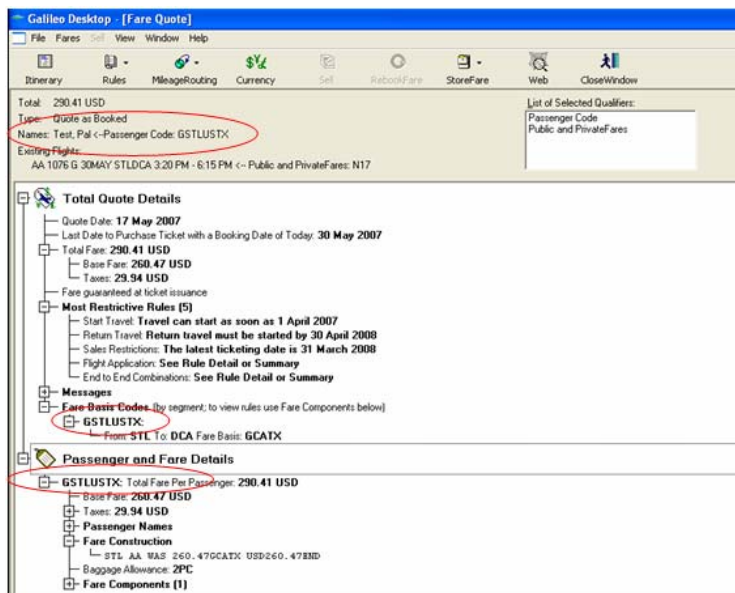
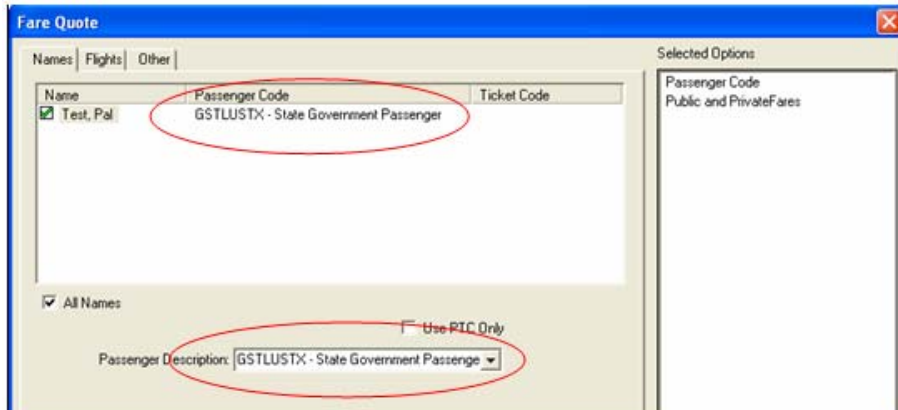
The screenshot shows the Galileo Fare Quote interface. The main window has tabs for 'Names', 'Flights', and 'Other'. A table lists passenger information: Name 'Test, Pal', Passenger Code 'ADT - Adult', Ticket Code 'ABC', and Ticket Designator 'XYZ'. Below this, there are checkboxes for 'All Names' and 'Use PTC Only', and a dropdown for 'Passenger Description' set to 'ADT - Adult'. A 'Fare Categories' dialog box is overlaid on top. It has a 'Passenger Type Code' list on the left, including 'Adult (ADT)', 'Adult Resident (ADR)', etc. On the right, there are fields for 'Age' (45), 'Personal Location' (City: 'PMI - Palma Mallorca Aprt', Country: 'Spain', State/Province: blank), and a checked 'Spanish Resident' checkbox. The dialog also has 'OK' and 'Cancel' buttons.

Apollo:

The screenshot shows the Apollo Fare Quote interface. The main window has tabs for 'Names', 'Flights', and 'Other'. A table lists passenger information: Name 'Test, Pal', Passenger Code 'GST - State Government Passenger', and Ticket Code. Below this, there are checkboxes for 'All Names' and 'Use PTC Only', and a dropdown for 'Passenger Description' set to 'GST - State Government Passenger'. A 'Fare Categories' dialog box is overlaid on top. It has a 'Passenger Type Code' list on the left, including 'Seaman, Government Order - Slovenia (SITA) (ZSI)', 'Seaman, Government Order - United Kingdom (SITA)', etc. On the right, there are fields for 'Age', 'Personal Location' (City: blank, Country: 'US', State/Province: 'TX - Texas'), and a checked 'Spanish Resident' checkbox. The dialog also has 'OK' and 'Cancel' buttons.

## Outputs

The Personal Geography carries forward into the Passenger Description in various response screens.



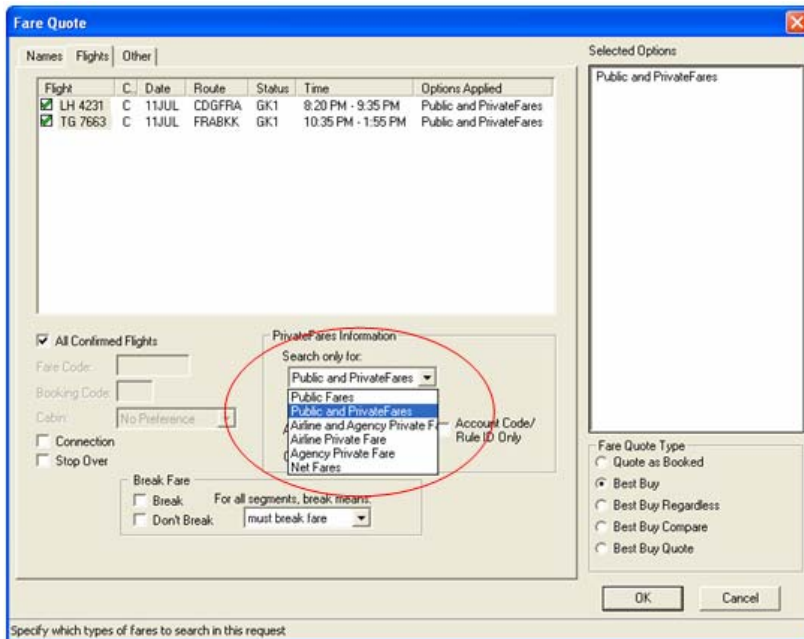
## Account Code Only

The ability to use an Account Code and/or a Contract Code to price a Private Fare is now available for Fare Quote Functions and the Low Fare Shopping tool.

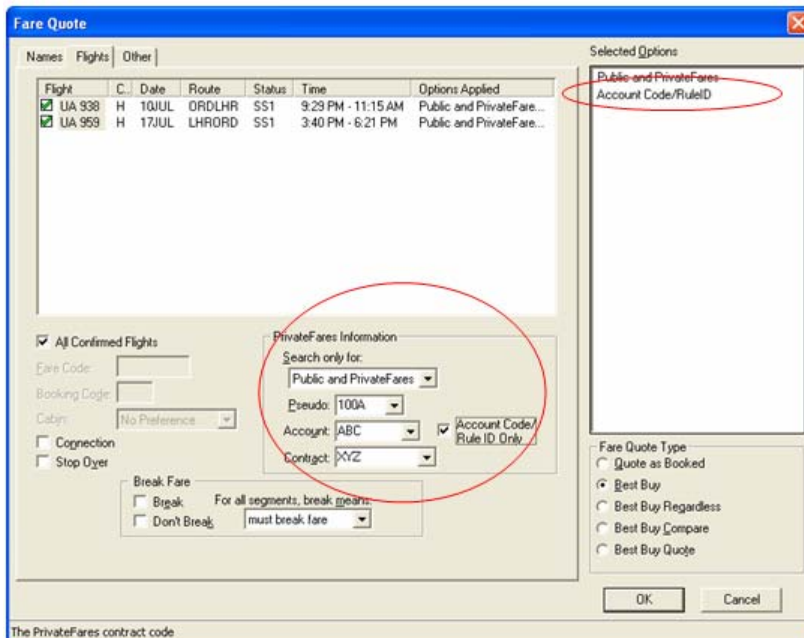


## Inputs

The 'Search only for' drop down has additional fields to select from, including Agency specific and Airline specific Private fares.



The Account Code, Contract Code, and Account Code/Rule ID Only boxes enable when the user selects a Private fare option in the 'Search only for' box. When the user checks the 'Account Code/Rule ID only' box, the system considers only fares with these attributes in the fare search. The 'Selected Options' box reflects this selection.



## Low Fare Shopping Tool:

**Low Fare Shopping Tool**

Basic | Other

Segment Specific Information

Date: 06/18/2007 \* - All airports

Departure City: LON - LONDON

Arrival City: CHI - CHICAGO

Time: 8:00 AM by Departure

Earliest Time: 6:00 AM Latest Time: 11:59 PM

Flight Type: All Types

Cabin: No Preference

Auto-Tab

Airlines

1:

2:

3:

Include  Exclude

Include Only

Connecting Cities

1:

2:

3:

Include  Exclude

Basic Fare Information

Maximum Fare:

Sell City:

Ticket City:

Plating Carrier:

Electronic Ticket Only

Paper Ticket Only

PrivateFares Information

Search only for: Public and PrivateFares

Pseudo: N17

Account: TEST

Contract: XYZ

Account Code/Rule ID Only

Itinerary Planner

**Itinerary**

Date: Monday, June 18, 2007 Time: 8:00 AM

From: Chicago, IL - US CHI

To: London - GB LON

Selected Options

Public and PrivateFares

Pseudo: N17

Account: TEST

Contract: XYZ

Account Code/RuleID

Number of Passengers: 1

Time: 8:00 AM by Departure

No Earlier Than: 6:00 AM

No Later Than: 11:59 PM

Add Modify Delete Search Cancel

The PrivateFares contract code

## Outputs

The selected options display in the Fare Quote screen.

**Galileo Desktop [Fare Quote]**

File Fares View Window Help

Itinerary Rules MileageRouting Currency Sell RebookFare StoreFare Web CloseWindow

Total: 948.14 USD

Type: Best Buy

Names: Unknown

Existing Flights:

UA 938 10JUL ORDLHR 9:29 PM - 11:15 AM <- Public and PrivateFares: 100A/DAT/ACR/RuleID

UA 959 17JUL LHRORD 3:40 PM - 6:21 PM <- Public and PrivateFares: 100A/DAT/ACR/RuleID

List of Selected Qualifiers:

Public and PrivateFares

Account Code/RuleID

**Total Quote Details**

Quote Date: 17 May 2007

Last Date to Purchase Ticket with a Booking Date of Today: 20 May 2007

Total Fare: 948.14 USD

Base Fare: 666.00 USD

Taxes: 282.14 USD

Rebook: booking code change required

## QANTAS APAC Waiver Modifier – Galileo® Only

A new waiver modifier field is available to support QF APAC enhancements. For details of the enhancement, please click on the link below. *This is available on Galileo® only.*

### Inputs

The new waiver modifier field is in the 'other' screen in the 'Penalty Information' area.

Fare Quote:

The screenshot shows the 'Fare Quote' dialog box with the following details:

- Tag Information:** Exempt All, Exempt Specific, Add >>, Delete <<, Applies to a Country, Code.
- Penalty Information:** No Minimum Stay, No Maximum Stay, No Advance Purchase, Penalty Tolerance: 100 %, Waiver: QF12AB78QFYR (circled in red), Price as if Booked Today.
- Currency Information:** Alternative Currency, Quote in USD, Quote in Euro Currency, Quote in CAD, Quote in Local/National Currency.
- Ticket Type:** E-Ticket Only, Paper Ticket Only.
- Other:** Sell City, Ticket City, Plating Carrier, Ticketing Date.
- Selected Options:** Public and PrivateFares Waiver: QF12AB78QFYR (circled in red).
- Fare Quote Type:** Quote as Booked, Best Buy, Best Buy Regardless, Best Buy Compare.

The entire Booking File is tax exempt.

Fare Quote response screen

The screenshot shows the 'Viewpoint - [Fare Quote]' response screen with the following details:

- Summary:** Total: 1353.08 AUD, Type: Quote as Booked, Names: Test, Pvr, Test, B.
- Existing Flights:** QF 163 N 22JUN SYDAKL 7:15 AM - 12:10 PM <- Public and PrivateFares: 70K4, QF 44 V 25JUN AKLSYD 6:00 PM - 7:30 PM <- Public and PrivateFares: 70K4.
- List of Selected Qualifiers:** Public and PrivateFares, Sell City: SYD, Plating Carrier: QF, Waiver: QF12AB78QFYR (circled in red).
- Total Quote Details:** Quote Date: 26 January 2007, Last Date to Purchase Ticket with a Booking Date of Today: 27 January 2007, Total Fare: 1353.08 AUD, Base Fare: 938.00 AUD, Taxes: 415.08 AUD.
- Most Restrictive Rules (8):** Maximum Stay: Return no later than 12 months after departure, Ticketing: Ticket no later than 24 hours after reservations, Penalties: Ticket is non-refundable, and a fee of 100.00 AUD is assessed for itinerary changes, Flight Application: See Rule Detail or Summary, Stopovers: See Rule Detail or Summary, Permitted Combinations: See Rule Detail or Summary, End to End Combinations: See Rule Detail or Summary, Ticket Endorsements: See Rule Detail or Summary.
- Messages:** Fare Basis Codes (by segment; to view rules use Fare Components below), ADT: From: SYD To: AKL Fare Basis: NREDT, From: AKL To: SYD Fare Basis: VREDT.
- Passenger and Fare Details:**

## Low Fare Shopping Tool

**Low Fare Shopping Tool**

Basic | Other

**Passenger Information**

Name	Passenger Code	Ticket Code	Ticket Designator
Test, Pnr	ADT - Adult		
Test, B	ADT - Adult		

All Passengers

Ticket Code (TC) \_\_\_\_\_ Ticket Designator (TD) \_\_\_\_\_

Description: ADT - Adult

**Penalty Information**

No Minimum Stay    Penalty Tolerance: 100

No Maximum Stay    Waiver: QF123456YR

No Advance Purchase

**Tax Information**

Exempt All     Exempt Specific

Applies to a Country

Code: \_\_\_\_\_

**Currency Information**

Alternate Currency: \_\_\_\_\_

Quote in USD     Quote in Euro Currency

Quote in CAD     Quote in Local/National Currency

**Itinerary Planner**

**Itinerary**

Date: **Friday, June 22, 2007** Time: 7:15 AM  
 From: **Sydney, NS - AU (Sydney Kingsford Smith Arpt) SYD**  
 To: **Auckland - NZ (Auckland Arpt) AKL**

Date: **Monday, June 25, 2007** Time: 6:00 PM  
 From: **Auckland - NZ (Auckland Arpt) AKL**  
 To: **Sydney, NS - AU (Sydney Kingsford Smith Arpt) SYD**

**Selected Options**

Public and Private Fares  
 Pseudo: **70K4**  
 Number of Passengers: **2**  
 Waiver: **QF123456YR**  
 Time: **12:01 AM by Departure**  
 No Earlier Than: **12:00 AM**  
 No Later Than: **11:59 PM**

Add    Modify    Delete    Search    Cancel

Input a waiver code received by an applicable carrier, which will exclude the application change fee.

## Low Fare Shopping Tool response screen

Galileo Desktop - [Low Fare Shopping Tool]

File Shop Sell View Window Help

Itinerary Availability Avail Details Fare Details Rules Currency Sell Web Close Window

List of Selected Qualifiers: Public and Private Fares

Fares	Air	Flight	From	To	Departs	Arrives	Public and Private Fares	Availability
295.13 USD							Public and Private Fares	General
406.13 USD							Pseudo: 70K4	General
406.13 USD							Number of Passengers: 1	General
423.13 USD							Waiver: QF123456YR	General
484.13 USD							SYD-AKL, 6/22/2007	General
606.11 USD							Time: 12:01A by Departure	General
606.11 USD							AKL-SYD, 6/25/2007	General
606.11 USD							Time: 12:01A by Departure	General
1348.13 USD							Sydney, NS - AU (Sydney Kingsford Smith Arpt) SYD	General
	LA	801	AKL	SYD	5:25 AM	7:05 AM	0 340 0 QEE5P206	

Additional taxes, surcharges, or fees may apply.

Number of Stops: ~ Equipment

Ready 70K4 3NS NLM 11:00 AM

Once the fare is stored, the waiver code displays in the 'Stored Fare Details' of the 'Fare' area.

Galileo Desktop - [Stored Fare Details for fare 1]

File Pages Options View Window Help

Modify Cancel Fare Web Close Window

Passenger Selection

- AD
  - TEST, PNR
  - TEST, B

Fare

Fare Type: Manual Fare Quote Date: 1/26/2007 Fare Guarantee Date: n/a  
 Base Fare: AUD459.00 Total Fare: AUD676.54 Equivalent Fare: n/a  
 Rate of Exchange: 1.268896  
 Modifiers: Waiver Code: QF123456YR: Seg 1: Seg 2: Car QF  
 Guarantee Code: Agent Overrides in Fare

Agent Detail

Agent Sine: TC  
 Agent Duty Code: AG

Segment Details

Segment: 1 QF0163 HK SYD AKL 22Jun 7:15 AM  
 Baggage Allowance: 20 Kg  
 Not Valid Before: 22Jun  
 Not Valid After: 22Jun  
 Fare Basis Codes: NRREDT

Segment: 2 QF0044 HK AKL SYD 25Jun 6:00 PM  
 Baggage Allowance: 20 Kg  
 Not Valid Before: 25Jun  
 Not Valid After: 25Jun  
 Fare Basis Codes: VBREDT

Ticket Detail

Ticket Status: Unticketed Ticket Type: n/a

Ready 7004 NUM

## PTC in Name Field Remarks

Agents have the option of entering a Passenger Type Code (PTC) in the name remark field. The system then uses this PTC during fare quote processing, removing the need to select the PTC for the fare quote request.

## Inputs

Customer Information

Name Mileage Membership Phone Addresses Ticketing Form of Payment E-Mails

Last Name (required): TEST

First Name (required) and Title (optional): ABC

Name Field Remarks (optional): P-SRC65  Infant

Add Modify Delete

Names:

T.type	Last Name	First Name	Name Remarks - Optional

OK Cancel

The optional 'Name Field Remarks' can be filled with a PTC, preceded by 'P-', which is then appended to the name. Subsequent pricing entries will price the best fare for the PTC with no additional user input required.

## Outputs

The Passenger Description field populates with the PTC entered in the 'Name Field Remarks'. The PTC displays in the 'Pricing Options' box.

**Fare Quote**

Names | Flights | Other

Name	Passenger Code	Ticket Code	Ticket Designator
<input checked="" type="checkbox"/> Test, Sen	SRC65 - Senior Citizen		

All Names  Use PTC Only

Passenger Description: SRC65 - Senior Citizen

Ticket Code (TC)

Ticket Designator (TD)

**Selected Options**

Passenger Code Public and PrivateFares

**Fare Quote Type**

Quote as Booked

Best Buy

Best Buy Regardless

Best Buy Compare

OK Cancel

Name list - checked items will be included in quote, highlight item(s) to add passenger modifiers

## Point and Click

The installation process now automatically selects Point and Click by default for Galileo® users.

Point and Click supports numerous Galileo formats including availability, sell, and update and modify for air, car, and hotel bookings. It also supports fare display, shopping, and many additional booking file entries.

The most important feature of Point and Click functionality is the interactive display. Once the user initiates a point and click request, they simply point and click elements of the subsequent display to view additional information. *For example*, in an air availability request, they can simply click a booking code to sell air seats. Fewer cryptic entries are required to view important information such as rules displays, airline decodes, aircraft details, routing information and more.

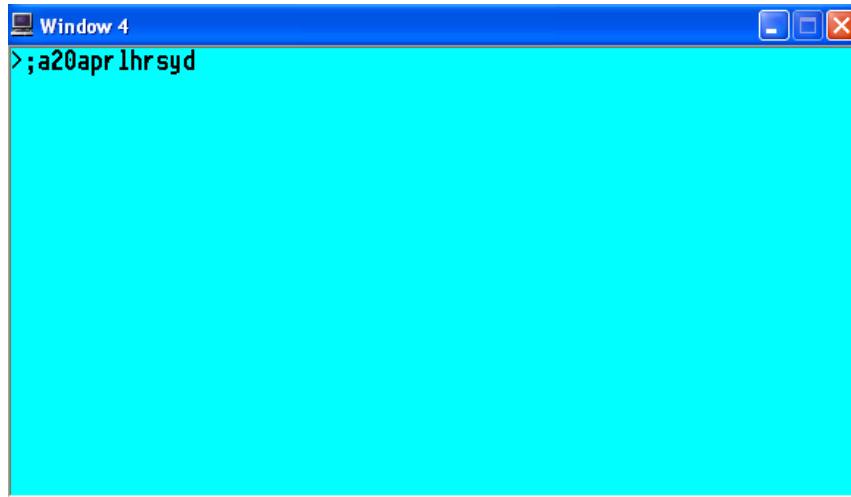
The top reasons to use Point and Click functionality are:

- Fewer cryptic entries and keystrokes are required.
- After initiating any availability request, the user can point and click their way through a sell. *For example*, simply click a booking code to sell air seats.
- View display detail from a single display.
- More results display for each search and follow-up entries are just a click away.
- Outbound & inbound flights are viewable at same time, eliminating the need to enter a new format to search.
- Point and click keeps a replay list of recent entries so the user can go back and view recently searched information without repeating the entry.
- The user can provide their customers with additional information such as pictures and maps available through RoomMaster® Hotel Images.

## System

### Launching Point & Click

To initiate a point and click air, car or hotel availability display, you can use most of the entries you already know. Just preface your entries with a colon (:) or semi-colon (;).



### Display Colours

Point and click functionality in Focalpoint® uses colours to define specific areas of the display.

The screen will be colour coded as follows:

**White:** Non-clickable – display only.

**Blue:** Clickable – a link that provides further information.

When it comes to selling Air, Car, or Hotel, the following logic applies:

**White:** Non-clickable – This class/type is closed

**Yellow:** Clickable – Available in this class/type

**Orange:** Clickable – The waitlist only /alternate options available, selecting this will sell a waitlisted seat with a LL status in Air or show alternate hotel options when booking hotel.

For example, the booking code area of the air availability display uses three colours to define the status of each booking code. You can sell from any 'yellow' availability.

```
1 LHR1SYD 20/1215#1850 QF 32 F6 A5 J9 C9 DL IL B9 H9 K9 744C*E
M9 RL L9 VC S9 NC Q9 O9 XC
EL
```

### Tabs

Each time a new point & click request is done, a new tab is created. Tabs will display the format requested.

These tabs allow a user to go back to a display to review or take action on.

In the case a format is used that does not have interactive capability; the tab will show "Terminal" indicating that the user is being returned a standard terminal window display. There will be no interaction available on this screen.


Users can choose to not create new tabs with a single entry or for all entries by un-checking the New Tab option in the bottom right hand corner of the screen.


### Hide

If users want to return to Focalpoint, they may do so by clicking on the "Hide" button in the bottom right hand corner.



By choosing “Hide” this allows a user to return to the point and click functionality and have all previous tabs viewable.

If a user closes point & click by using the  in the top right corner, it will completely close the application and users will lose all tabs. Users can minimize and maximize the point & click window.

If a user closes the  in the top right corner, it will completely close down Galileo Desktop.

#### Command Line

Once a user is in the point & click environment, they can continue to type in host commands by using the command line at the bottom of the page. There is no need to use the colon (:) or semi-colon (;) when they are in the command line.

## Air

## Standard availability request

Air availability request will return an interactive display. The following colour logic applies to the air screen:

**White:** For display purposes only. Non-clickable.

**Blue:** Additional information is available. Blue items are clickable.

When looking at the classes of service for a specific flight, the following colour logic applies:

**White:** Class Closed. Non-clickable.

**Yellow:** Seats available. Clickable.

**Orange:** Waitlist seats available. Clickable.

A20APRLHRSYD

FRI 20APR07 LONDON /SYDNEY 20/0000 20/2359 C\*GAL

1 LHR1SYD 20/1215#1850 QF 32 F7 A6 J9 C9 DL TL B9 H9 K9 744C\*E  
M9 RL L9 UC S9 NC Q9 09 X8  
EL

FROM: HEATHROW, LONDON  
TO: SYDNEY KINGSFORD SMITH ARPT, SYDNEY  
AIRLINE: QANTAS AIRWAYS  
DEPARTS LHR TERMINAL 4 - ARRIVES SYD TERMINAL 1  
ELAPSED FLYING TIME: 21:35  
LHR SIN 12:45  
SINSYD 7:20  
744 - BOEING 747-400

2 LHR1SYD 20/2150#0515 BA 15 F8 A7 J9 C9 D9 W9 T9 Y9 B9 777C\*E  
M9 K9 M9 RC UC NC L9 S9 Q9  
DC

3 LHR1SYD 20/2150#0515 @QF 320 F9 A9 J9 CL DL IC B9 H9 K9 777C\*E  
M9 RC L9 UC S9 NC QC DC XC

4 LHR1SYD 20/2215#0605 @BA7312 F9 AC J9 CC DC I8 Y9 B9 H9 744C\*E  
K9 M9 RC L9 UC NC OC Q9 S9  
G9

5 LHR1SYD 20/2215#0605 QF 2 F9 A9 J9 C9 DL TL B9 H9 K9 744C\*E  
M9 RL L9 UC S9 NC Q9 05 XC  
EL

6 LHR1SYD 20/2230#0625 VS 280 J7 D7 Z7 W7 S7 K7 Y7 B7 L7 346C\*E  
M7 Q7 X7 N7

7 LHR1SYD 20/2155#0605 @QF 302 F9 A9 J9 C9 DL IC B9 H9 K9 744C\*E  
M9 R9 L9 U9 S9 N9 Q9 D9 XC

8 LHR1SYD 20/2155#0605 BA 9 F7 A6 J9 C9 D9 W9 T9 Y9 B9 744C\*E  
H9 K9 M9 R9 U9 N9 L9 S9 Q9  
09

9 LHR SIN 20/1215#0000 QF 32 F5 A4 J9 C9 DL TL B9 H9 K9 744C\*E  
M9 R9 L9 U9 S9 N2 QC DC XC  
EL

10 SYD 21/0930 1855 SQ 219 F4 P4 A4 Z4 C4 J4 D4 Y9 B9 744C\*E  
E9 M9 H9 W8 Q9 N8 S9 U8 T8  
L8 K9

11 LHR SIN 20/1200#0745 SQ 317 F4 P4 A4 Z4 C4 J3 D4 S9 Y9 744C\*E  
B9 M9 E9 W9 N9 Q9 U8 H9 L9  
K9

12 SYD 21/0930 1850 QF 32 F6 A5 J9 C9 DL TL B9 H9 K9 744C\*E  
M9 RL L9 UC S9 NC Q9 09 XC  
EL

13 LHR SIN 20/1200#0745 @VS7317 J8 D8 Z8 Y4 B4 L4 M4 Q8 X8 744C\*E  
M9  
EL

<< Pg Dn >>

< 19APR | 21APR > | 1 pag | New Tab | Hide

In the display below,

4 LHR1SYD 20/2215#0605 @BA7312 F9 AC J9 CC DC I8 Y9 B9 H9 744C\*E  
K9 M9 RC L9 UC NC S9 OC QC  
G9

By clicking on any of the blue items you will see the following information:

City/Airport Code	Decodes City/Airport
1	Intermediate Stop Information
@	Operating Airline/Code Share
Airline Code	Decodes Airline
Flight Number	Departure/Arrival Terminal along with Elapsed Flying Time
Aircraft Type	Decodes Aircraft Type

#### Seat Sell

Once your air availability is displayed, use the colour coded display to determine your ability to sell a particular booking class.

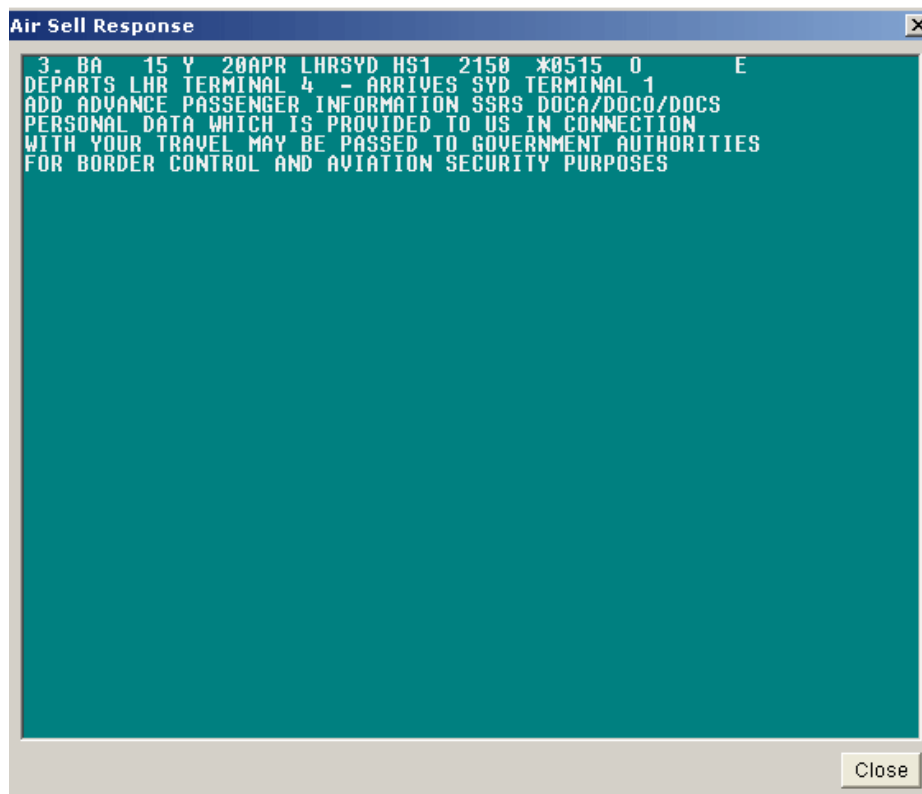
```
4 LHR1SYD 20/2215*0605 @BA7312 F9 AC J9 CC DC 10 Y9 B9 H9 744C*E
      K9 M9 RC L9 VC NC S9 OC QC
      G9
```

If there is more than one traveler, users can indicate to sell multiple seats prior to clicking on the booking code. At the bottom of the page is the option for pax

1 pax ▾

By clicking on the down arrow- users can choose up to 9 pax.

Click on the class of service desired. The following screen will be displayed indicating the sale of that seat.



## Supported Fields

The following air availability format types will return an interactive display:

A15JANLONPAR	Availability London to Paris 15/Jan
AA15JANLONPAR	Availability London to Paris ordered by arrival time
AD15JANLONPAR	Availability London to Paris ordered by departure time
AF15JANLONPAR	First available flight on or after the 15/Jan from London to Paris
AJ15JANLONPAR	Availability London to Paris order by journey time
A15JANLONPAR/BA	Availability with specific carrier
A15JANLONPAR/BA/AF	Availability with 2 specific carriers
A15JANLONPAR/AF-	Availability excluding a specific carrier
A15JANLONPAR/AF-/BA-	Availability excluding 2 specific carriers
A15JANLONSYD/YY#	Availability for direct flights of any carrier and only on-line connections.
A15JANLONSYD/BA#	Availability with specific carrier for the entire journey, including connecting flight
A15JANLONPAR*BA	Direct link into carrier specific display
A15JANLONPAR15 A15JANLONPAR.1500 :A15JANLONPAR.3P  A15JANLONPAR.15	Availability specifying departure time
A15JANLONPAR.1400#	Availability specifying flights from an onward time
A15JANLONPAR.D	Availability for direct flights only
A15JANLONSIN.D0	Availability for Direct non-stop flights
A15JANLONSIN.C1	Availability with 1 midpoint connection
A15JANLONPAR.M	Availability for morning flights (0001-1000) with time overlap if no flights available during time band
A15JANLONPAR.N	Availability for noon flights (1001-1600) with time overlap if no flights available during time band
A15JANLONPAR.E	Availability for evening flights (1601-2359) with time overlap if no flights available during time band
A15JANLONPAR@Y	Availability for flights with Y class, which have a minimum of 1 seat available
A15JANPAR	Availability for flights assuming outbound city

AR	Availability for return. AR can be appended with any of the existing modifiers for return dates
A#15	Availability for return based on number of days (example indicates 15 days)
AA22JUNDUBROM	Availability ordered by arrival time
AJ22JUNDUBROM	Availability ordered by journey time
AF22JUNSYDHKG	First available flight on or after 22 June
A22OCTPARLHR#	Flights to specific airport (LHR) of a multi-airport city
A22OCTLHRSYD.SIN A22OCTLHRSYD.SINBKKMNL	Single connection flights via Singapore (and/or multiple options)
AA	Display availability ordered by arrival time
AD	Display availability ordered by departure time
AJ	Display availability ordered by journey time
A*BA	Obtain availability display from BA system
A/BA	Display showing BA flights
A/BA-	Display excluding Ba flights
AF@2H.D	Display the first available direct flight with a minimum of 2 seats in H class
Direct Segment sell 0BA123Y20APRLHRPARNN1	Sell flight number, class, date, city pair, booking action code and number of seats
Insert Segments /3	Insert after segment number
Change Segment Status @1HK	Change status of segment 1 to HK
Cancel Segment X2	Cancel segment 2

#### Un-Supported Fields

AROMPER	Availability for Today
A#ROMPER	Availability for Tomorrow
A.FRLISJFK	Availability for next Friday
A22OCTCDG#BRU	Flights from a specific airport (CDG) of a multi-airport city
AP22NOVLONNYC	Availability of airlines with Last Seat Availability and/or Carrier Specific Display
AQ21DECSYDLON	Availability of airlines with Secured, Super Guaranteed and Guaranteed booking function.
AU25AUGBKKMNL	Availability of airlines with secured and Super Guaranteed booking function
A20AUGLHRKUL/LH.	Connecting flights with LH on the first segment and any carrier on the second segment via any point.
A*	Display More
AG	Return to Galileo Display

AE	Display Earlier
AL	Display Later
AL3	Display last seat availability via link line 3
AM*BA	Display more from BA system
A.D	Display direct flights only
ABROM	Display from new board point
AORIO	Display new off point
AX	Cancel availability display
N1Y1	Sell 1 seat in coach from line 1- Sell is not supported. User must click on class to sell

### Outbound and return availability request

Users will be able to select the availabilities of the outbound and inbound flight all within one entry. Users can search for a return flight between 0 and 31 days (0 = same day return). Single & Double Open Jaw flights available.

The + symbol is used to break up the entry. Everything before the + will be used to return the outbound leg flights, the inbound flights will be returned with the information in the entry after the +.

The screenshot displays two flight availability windows. The top window, titled 'A25APRMSROM', shows results for a search from Amsterdam (AMS) to Rome (ROM) on 25/0800. It lists 10 flight options, including carriers like AMS, AZ, and KL, with various flight numbers and classes of service (e.g., CKE, C, M, N, P, Q, R, S, T, U, V, W, X, Y, Z). The bottom window, titled 'A30APRROMAMS', shows results for a search from Rome (ROM) to Amsterdam (AMS) on 30/0800, also listing 10 flight options with similar details.

When a sell is done, a dialog will be displayed for each sold segment.

This screenshot shows the same flight availability windows as above, but with 'Air Sell Response' dialog boxes overlaid on the flight entries. The dialog boxes contain the following text: '4. AZ 187 K 25APR AMSFCO HS1 0950 1205 0 E ARRIVES FCO TERMINAL B ADD ADVANCE PASSENGER INFORMATION SSRS DOCA/DOCO/DOCS PERSONAL DATA WHICH IS PROVIDED TO US IN CONNECTION WITH YOUR TRAVEL MAY BE PASSED TO GOVERNMENT AUTHORITIES FOR BORDER CONTROL AND AVIATION SECURITY PURPOSES'. A similar dialog box is overlaid on the 5th entry of the second window.

### Supported Fields

The following request can be added to the outbound/return request after the +and return an interactive display:

+nn/BA	Return leg with specific carrier
+nn/BA/AF	Return leg with 2 specific carriers
+nn/BA-	Return leg excluding specific carrier
+nn/BA-/AF-	Return leg excluding 2 specific carriers
+nn/YY#	Return leg for direct flights of any carrier and only on-line connections
+nn/CX#	Return leg with specific carrier for the entire journey, including connecting flights
+nn*AF	Return leg searched with direct link into carrier specific display
+nn.15 +nn.1500 +nn.3P +nn.17	Return leg availability specifying departure time
+nn.1400#	Return leg specifying flights from an onward time
+nn.D	Return leg for direct flights only
+nn.D0	Return leg for direct non-stop flights
+nn.C1	Return leg with 1 midpoint connection
+nn.M	Return leg for morning flights (0001-1000) with time overlap if no flights available during time band
+nn.N	Return leg for noon flights (1001-1600) with time overlap if no flights available during time band
+nn.E	Return leg for evening flights (1601-2359) with time overlap if no flights available during time band
+nn@Y	Return leg for flights with Y class, which have a minimum of 1 seat available
+nn@2	Return leg for flights with a minimum of 2 seats available
+nn@1Y	Return leg for flights with a minimum of 1 seat in Y class available
+nn@Y#	Return leg for flights with classes available equivalent to Y class
+nn.FRA	Return leg with single connection flights via Frankfurt
+nn.SINBKKMNL	Return leg for flights via Singapore or Bangkok or Manila (max3)
+nn.SIN.FRA	Return leg with double connection flights via Singapore and Frankfurt
+nn.SIN/BA	Return leg with a single connection flight via Singapore with onward BA flight
+nn.TYOSIN.BKKMNL	Return leg with a double connection flights via Tokyo or Singapore & Bangkok and Manilla
+nn.SIN.BKK/BA	Return leg with a double connection flights via Singapore and Bangkok with an onward BA flights to the destination
+nn.SIN.BKK/AZ.MNL	Return leg with a triple connection flights via Singapore and Bangkok and Manila with an AZ flight between Bangkok and Manila
+nn/BA.SIN	Return leg with a single connection flights via Singapore with arriving BA flight



## Car

### Car Availability

Car availability request will return an interactive display for all car types in the CarMaster (CAL) display. The following colour logic applies to the car screen:

**White:** For display purposes only. Non-clickable.

**Blue:** Additional information is available. Blue items are clickable.

**Yellow:** Sell car- Clickable

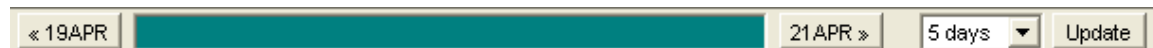
CAL20APRSYD		A20APR1HRSYD					
SYDNEY KINGSFORD	S * FR 20APR 10:00A -25APR * STND/PROM * AUD	LOC A R TYPE	DAILY	FM	CHG	APPROX	TOTAL
1	+AVIS	T S G	ECMR	42.00	UNL	.00	210.00
2	+AVIS	T S G	CCMR	42.00	UNL	.00	210.00
3	+THRIFTY	T S G	ECMR	43.60	UNL	.00	218.00
4	+THRIFTY	T S G	CCAR	43.60	UNL	.00	218.00
5	+AVIS	T S G	CCAR	48.00	UNL	.00	240.00
6	+AVIS	T S G	FCAR	50.00	UNL	.00	250.00
7	+THRIFTY	T S G	FCAR	53.00	UNL	.00	265.00
8	+THRIFTY	T S G	SCAR	55.00	UNL	.00	275.00
9	+THRIFTY	T S G	FCAR	55.00	UNL	.00	275.00
10	+AVIS	T S G	SCAR	57.00	UNL	.00	285.00
11	+AVIS	T S G	FCAR	57.00	UNL	.00	285.00
12	+SIXT	T S G	ECAR	57.50	1000	.20	287.50
13	+SIXT	T S G	ECMR	57.50	1000	.20	287.50
14	+SIXT	T S G	CDAR	60.00	1000	.22	300.00
15	+SIXT	T S G	CDMR	60.00	1000	.22	300.00
16	+BUDGET	T S G	CCMR	61.82	UNL	.00	309.10
17	+BUDGET	T S G	ECMR	63.64	UNL	.00	318.20
18	+THRIFTY	T S G	TCAR	65.00	UNL	.00	325.00
19	+BUDGET	T S G	CCAR	66.36	UNL	.00	331.80
20	+THRIFTY	T N G	PCAR	67.00	UNL	.00	335.00

<< More Cars >>

<< 19APR | 21APR >> | 5 days | Update | New Tab | Hide

By clicking on the blue items you will see the car type description

Users can use the buttons on each side of the command line to change the pick up date to one day earlier or one day later. Users can also utilize the drop down box to indicate rental days needed up to 11 days.



Users can indicate that they want to see more available cars by clicking on the <<More Cars>> option

<< More Cars >>

### Car Sell

Once your car availability is displayed, users can click on the rate indicated in yellow to sell a particular car. This will then display the rate rules for that car type.

**Rate Rules**

```

** INSIDE AVAILABILITY RULES DISPLAY **
THANK YOU FOR CHOOSING THRIFTY
YOUR TRAVEL PARTNER FOR CAR RENTALS

*SUMMARY INFORMATION*
ARRIVAL 1:00PM FR 20APR SYDT01 / RETURN 2:00PM WE 25APR
CCAR DESCRIPTION: MITSUBISHI LANCER OR SIMILAR
ESTIMATED BASE RATE: 205.33 AUD
APPROX TOTAL COST OF RENTAL: 293.33 AUD

*RATE DETAIL*
BASE RATE INCLUDES: DAY/HOUR CHARGES
APPROX TOTAL INCLUDES: BASE RATE PLUS TAXES AND SURCHARGES
D - DAILY: (* 5DY) 38.50 AUD UNL FK- .00KM
EXTRA HOUR: (* 1XH) 12.83 AUD UNL FK- .00KM
RATE GUARANTEE PERIOD: 04DEC06-04DEC07
RATE CODE: 2130 - TFY DAILY RATES
RATE TYPE/CATEGORY: D - DAILY / S - STANDARD RATE

*SURCHARGES*
SURCHARGE
80.92 AUD PER RENTAL - INCLUDED IN BASE RATE
* TAXES APPLY TO ALL CHARGES MARKED BY AN ASTERISK

*ADVANCE BOOKING AND PICKUP/RETURN RULES*
ADV BOOK: 0 DAY/S PICK UP EARLIEST:
MIN DAYS: PICK UP LATEST:
MAX DAYS: RETURN LATEST:
MAX RENT:

*PICKUP/RETURN LOCATION SUMMARY*
SYD IN TERMINAL LOCATION: SYDT01
HOURS: OPEN FROM 06:00-23:00
PHONE: 61 1300 367227

```

Sell Car(s)    Advanced Sell    Cancel

Users can either click the button to sell the car or click on the option for Advanced Sell. If the user chooses Advanced Sell, the following screen will be displayed.

**Car Sell Options**

CC Guar:  e.g. VI45000111122223333EXP0707

/NM- Name Override - Last:  First:

/SI-  Special service info: e.g. DSR5 2 DOOR

/FT-  Frequent traveller: e.g. BA3756925

/SQ-  Special equipment: e.g. CSI

/CD-  Corporate discount number: e.g. Y748392

/ID-  Customer ID number: e.g. JD8765434

/DO-  Drop off location: e.g. SYDC01

Sell Car(s)    Back    Cancel

From here a user can fill in the desired fields and then click sell car.

By choosing the "Back" button, it will return a user to the Rate Rules screen. "Cancel" will completely cancel the transaction.

Sell Car(s)

### Supported Fields

The following car availability format types will return an interactive display:

CAL10JAN-10JANSYD/ARR-1400/DT-1400	Request availability 10/JAN returning same day,
CAL10JANSYD/ARR-2P/DT-2P	Request availability 10/Jan returning next day
CAL10JAN-17JANSYD/ARR-12P/DT-12P	Request availability 10/JAN returning 17/JAN
CAL10JANSYD/ARR-3P/DT-3P/ZE	Request availability, for specific vendor
CAL10JANSYD/ARR-3P/DT-3P/ZE+ZI+ZR	Request availability, for 3 specific vendors (max 4)
CAL10JANSYD/ARR-3P/DT-3P.ECAR	Request availability, for specific car type
CAL10JANSYD/ARR-3P/DT-3P@SUPER	Request availability with a rate code (any valid 1-6 characters code after the @)
CAL10JANSYD/ARR-3P/DT-3P/GUAR	Request availability for guaranteed rates only
CAL10JANSYD/ARR-3P/DT-3P.	Request availability for specific car type.
CAL10JANSYD/ARR-3P/DT-3P-	Request availability for specific rate type
CAL10JANSYD/ARR-3P/DT-3P/	Request availability for specific rate category
CAL10JAN-17JANSYD/ARR-3P/DT-3P/D-5M	Car vendor located less then or equal to 5 miles of specified point
CAL10JAN-17JANSYD/ARR-3P/DT-3P/GUAR	Guaranteed rates only
CAL10JAN-17JANSYD/ARR-3P/DT-3P/UNL	Unlimited mileage allowance
CAL10JAN-17JANSYD/ARR-3P/DT-3P/A	Specifying a rate category
CAL10JAN-17JANSYD/ARR-3P/DT-3P-D	Specifying a rate type
CAL10JAN-17JANSYD/ARR-3P/DT-3P/VUSD	Specify Currency
CAV	Car Rules- non interactive display returned.
CAI	Car Index- non interactive display returned.
CAD	Car Description- non interactive display returned.

### Un-Supported Fields

CAL*R	Redisplay last low to high availability screen
/R-BIG BEN	Search by reference point
/V30-50	Rate range
/*DO	Rates allowing a one way drop off only
/UNV	Unvalidated- displays all rates regardless of rules application or unavailability status.
/VAL	Validated
CAU	Any Availability updates
N1A1	Reference Sell- sell must be done by clicking on the rate. Optional Fields can only be added in the optional field screen provided.

### Hotel

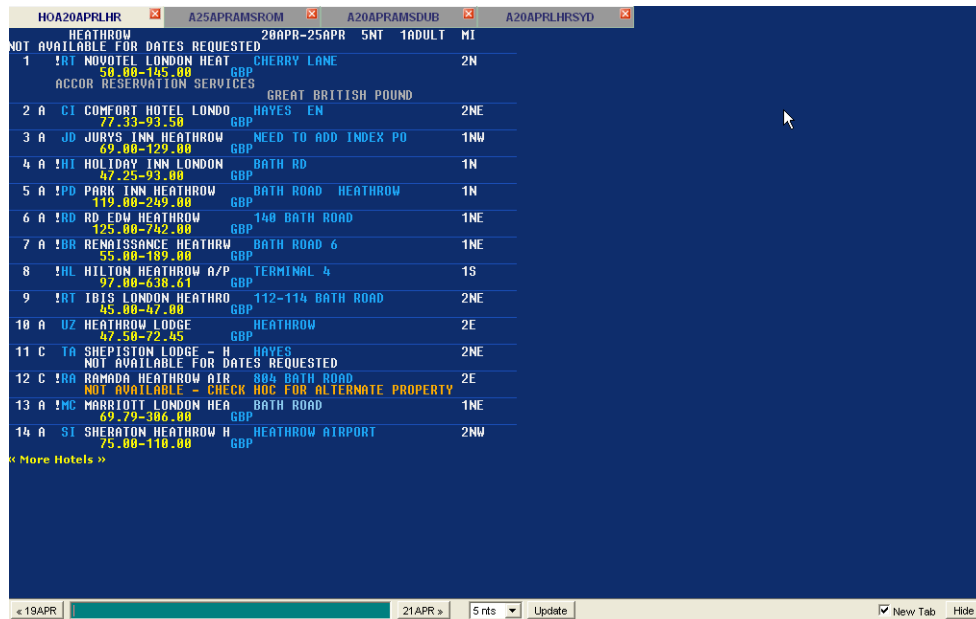
## Hotel Availability

Hotel availability request will return an interactive display for all hotels in the RoomMaster (HOA) display. The following colour logic applies to the hotel screen:

**White:** For display purposes only. Non-clickable.

**Blue:** Additional information is available. Blue items are clickable.

**Orange:** Hotel not available, however alternate properties may be available.



By clicking on any of the blue items you will see the following information:

- Hotel Chain                      Decodes Hotel Chain
- GBP (or displayed)            En-codes Currency Type
- Hotel Address                    Launches Hotel Images



Users can use the buttons on each side of the command line to change the pick up date to one day earlier or one day later. Users can also utilize the drop down box to indicate rental days needed up to 9 nights and click "Update".

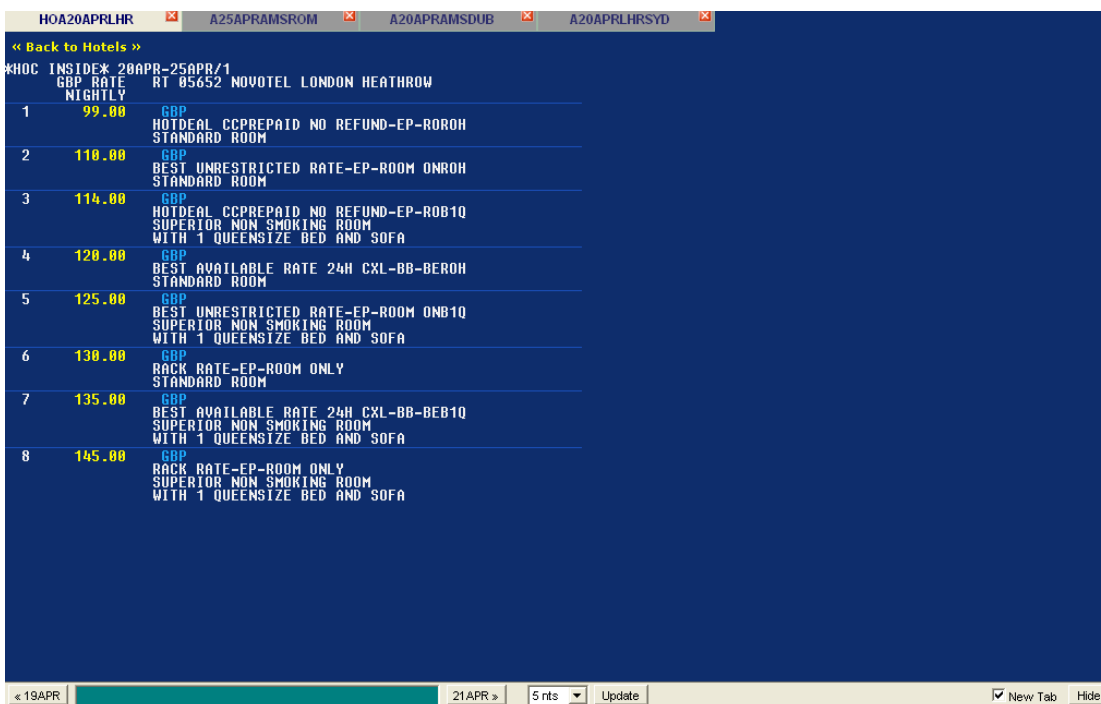


Users can indicate that they want to see more available cars by clicking on the option

[« More Hotels »](#)

## Hotel Complete Availability

From the Hotel Complete Availability screen, users can click on the room price to sell the room type. Users can click on the currency code to encode the currency type.



If a user decides they don't want to sell this hotel, they can click on the

[« Back to Hotels »](#)

link

## Hotel Sell

When a user chooses the price/room type they desire, the Rate Rules screen is displayed.

**Rate Rules**

\*\* INSIDE AVAILABILITY \*\* RT 5652  
 ADDRESS: CHERRY LANE PHONE: 44 1895/431431  
 HEATHROW, UB7 9HB FAX: 44 1895/431221

**\*RATE\***  
 THIS RATE APPLIES TO 1 ADULTS  
 ROHRA3 HOTDEAL CCPREPAID NO REFUND  
 STANDARD ROOM  
 GBP 50.00 PER NIGHT STARTING 20 APR FOR 3 NIGHTS  
 89.00 PER NIGHT STARTING 23 APR FOR 1 NIGHT  
 99.00 PER NIGHT STARTING 24 APR FOR 1 NIGHT  
 338.00 SUB-TOTAL INCLUDES ALL KNOWN TAXES/FEES  
 338.00 APPROX-TOTAL INCL ALL KNOWN TAXES  
 TRAVEL AGENCY COMMISSION - 10.00 PCT  
 MEAL PLAN - ROOM ONLY  
 BREAKFAST PER PAX-PER NIGHT - 12.95 GBP  
 TAXES -  
 NATIONAL TAXES ON ACCOMMODATION - 0.00 INCLUDED  
 MAXIMUM ADULTS PER ROOM - 3 ADULTS PER ROOM

**\*RULES\***  
 GUARANTEES ACCEPTED -  
 CLIENT FAX TO BE SENT TO THE HOTEL  
 CLIENT FAX RECEIVED BY THE HOTEL  
 GUARANTEE IATA  
 JCB CREDIT CARD  
 CREDIT CARDS ACCEPTED FOR GUARANTEE -  
 AX AMERICAN EXPRESS CA MASTERCARD  
 CC COMPLIMENT CARD DC DINERS CLUB  
 EC EURO/MASTERCARD ALL GDS VI VISA  
 BOOKING RESTRICTIONS - GTD CC MANDATORY. NO CANCELLATION OR  
 CHANGE MAY BE MADE. CLIENT ACCEPTS TO BE CHARGED UPON BOOKING  
 THE FULL PRICE OF STAY, THIS AMOUNT BEING NON REFUNDABLE IN  
 CASE OF CXL OR CHG OF DATES OF STAY.  
 NO CANCELLATION OR CHANGE

Sell Room Advanced Sell Cancel

Users can choose **Advanced Sell** to display the Hotel Options Screen.

**Hotel Sell Options**

Rooms: 1 Extra Adults: 0 Extra Children: 0

CC Guar: [ ] e.g. VI45000111122223333EXP0707

/SI- [ ] Special service info: e.g. GRND FLOOR ROOM  
 /FT- [ ] Frequent traveller: e.g. TW123456  
 /FG- [ ] Frequent guest: e.g. HI216593  
 /CD- [ ] Corporate discount number: e.g. Y748392

Sell Room(s) Back Cancel

Users can sell room by clicking on the "Sell Room(s)" button. Users can choose to go back to the Rate Rules screen or cancel completely.

## Hotel Availability fields

The following hotel availability format types will return an interactive display:

HOASYD	Request availability for same day
HOA15JANSYD	Request availability for specific day
HOA15JANSYD/2	Request availability for 2 adults
HOA15JAN-2NTSYD/2 HOA15JAN-17JANSYD/2	Request availability for 2 nights for 2 adults
HOA15JANSYD/HL	Request availability for specific hotel chain
HOA15JANSYD/N-HILTON	Request availability for a specific hotel name
HOA15JANSYD/VUSD	Request availability, returning prices in US dollars
HOA15JANSYD@FORD	Request availability with a multi-level rate access code
HOA15JANnnnnn	Request availability for a specific hotel using the Room Master ID
HOA15JANSYD/L-	Request availability for a specific location type
HOA15JANSYD/P-	Request availability for a specific property type
HOA15JANSYD/B-	Request availability for a specific room type
HOA15JANSYD/C-	Request availability for a specific rate code
HOA15JANSYD/F-	Request availability for a specific feature
HOA15JANDARLING HARBOUR	Request availability for a reference point/city location
HOA15JANSYD/R-	Request availability for a reference point
HOA15JANSYD/CD-	Request availability utilizing a corporate discount number
HOM	Hotel Modify- Non interactive display returned
HOI	Hotel Index- Non interactive display returned.
HODHI or HOD12345	Hotel Description- Non interactive display returned.

## Un-Supported Modify Fields

/V100	Hotel rate approximately 100 local units.
/PC-	Hotel search using exact Post Code.
/R-	Reference point
HOU/	Any Availability updates
N1A2D3	Reference Sell- all sell must be done by clicking on the hotel room rate.
/W-	Optional sell field: add address
/RA-1	Optional sell field: request Rollaway
/RC-1	Optional sell field: request Rollaway- child charge
/CR-1	Optional sell field: request Crib
/EX-2	Optional sell field: request extra adults
/EC-1	Optional sell field: request extra child
/CF-	Optional sell field: Confirmation number
HOV	HOV is not supported from a format, however the rules are displayed automatically when a user clicks on the price of the room
HOD1 or HODS1	Hotel Description from a line number

## Fares

### Fare Display

Fare Display request will return an interactive display. The following colour logic applies to the Fare screen:

**White:** For display purposes only. Non-clickable.

**Blue:** Additional information is available. Blue items are clickable.

FD20APRLHRSYD A20APRLHRSYD UNSALEABLE FARES MAY EXIST

FARES LAST UPDATED 04DEC 10:54AM  
LON-SYD DEPART 20APR  
MPM 13220 EH 13294 TS 15007 AP  
PUBLIC/PRIVATE FARES FOR XRZ

CX	FARE GBP	FARE BASIS	C	AP	MIN/ MAX	SEASONS.....	MR	GI	DT
1	-MH 447.00R	SL1YGBX6	S	+		15APR7-15JUN7	R	EH	
	TC:SL1YGBX								
2	MU 490.00R	XLBAR	X	+	7/6M	03JAN -21JUN	M	EH	
3	-MH 499.00R	HL1YGBX6	H	+		15APR7-15JUN7	R	EH	
	TC:HL1YGBX								
4	BA 560.00R	SLBBGB	S	+	/12M	16APR7-15JUN7	R	EH	
5	BA 560.00R	SLBBGB	S	+	/12M	16APR7-15JUN7	R	TS	
6	QF 560.00R	SLBBGB	S	+	/12M	16APR -15JUN	R	EH	
7	VS 560.00R	XSGBA	X	+	SU/12M	16APR -30JUN	R	EH	
8	GF 560.00R	QLUK	Q	+	3/3M	01JAN -09DEC	R	EH	
9	-MH 578.00R	QL1YGBX6	Q	+		15APR7-15JUN7	R	EH	
	TC:QL1YGBX								
10	AC 600.00R	LLSOPXGB	L	+	SU/12M	16APR -30JUN	M	AP	
11	KL 610.00R	VLSXGB	V	+	7/1M	01JAN -14JUL	R	EH	
12	BA 614.00R	LLBBGB	L	+	/12M	16APR7-15JUN7	R	EH	
13	BA 614.00R	LLBBGB	L	+	/12M	16APR7-15JUN7	R	TS	
14	QF 614.00R	LLBBGB	L	+	/12M	16APR -15JUN	R	EH	
15	VS 614.00R	QSGBA	Q	+	SU/12M	16APR -30JUN	R	EH	
16	-MH 630.00R	SLEE2M1	S		/2M	11APR7-30JUN7	R	EH	
	TC:SLEE2M								
17	-MH 318.00	QLOWGBX6	Q	+		15APR7-15JUN7	R	EH	
	TC:QLOWGBX								
18	KL 640.00R	TLSXGB	T	+	7/1M	01JAN -14JUL	R	EH	
19	-MH 641.00R	BL1YGBX6	B	+		15APR7-15JUN7	R	EH	
	TC:BL1YGBX								
20	EK 648.00R	KE1YGB1	K	+	3/	11APR -30JUN	R	EH	
21	AC 660.00R	QLSOPXGB	Q	+	SU/12M	16APR -30JUN	M	AP	
22	GF 660.00R	LLUK	L	+	3/12M	01JAN -09DEC	R	EH	
23	-MH 665.00R	HLEE3M4	H		/3M	11APR7-30JUN7	R	EH	
	TC:HLEE3M								
24	BA 672.00R	MLBBGB	M	+	/12M	16APR -15JUN	R	AP	
25	BA 672.00R	MLBBGB	M	+	/12M	16APR -15JUN	R	EH	

« Pg Dn »

By clicking on any of the blue items, you will see the following information

KL	Decodes Airline
610.00	Penalties Information
V	Booking Code
+	Advance Purchase
7/1M	Minimum/Maximum Stay
01SEP-14DEC	Seasons
R	Mileage
EH	Global Indicator



When a user clicks on the fare displayed in yellow, the user is taken to the fare notes display:

FDLHR	Fare display for specific city defaulting to current date
FD20APRSYD	Fare display for specific date with a default to local city
FD20APRLHRSYD	Fare display between two specific cities
FD20APRLHRLHR@RTW	Round the world fares
FD20APRLHRSYD/BA	Fare display for specific carrier(s)
FD20APRLHRSYD/2	Fare display with half round trip in NUC's for all round trip fares
FD20APRLHRSYD/PE25	Fares display with a 25% penalty or less
FD20APRLHRSYD:AP	Fares display using a restriction qualifier
FD20APRLHRSYD-OW OR -RT	Fares display specifying journey type
FD20APRLHRSYD@YLE3M	Fare display for exact fare basis code
FD20APRLHRSYD@APEX	Fare display with fare abbreviation
FD20APRLHRSYD:USD	Display fare in different currency
FD20APRLHRSYD.T12MAR07	Display fares based on specific ticketing date
FDLHRSYDV12MAR	Validate fare restrictions and displays applicable one way fares for specific date
FDLHRSYDV12MAR15MAR	Validates fare restrictions and displays applicable rtnr fares for specific dates
FN*	Display fare notes
FZS1	Display fare converted to own currency at bank selling rate.
FR*2	Display route information line 2
FD*1	Display other passenger type fares requested
FH*4	Display add on fare construction for fare on line 4
FM*4	Display MPM and surcharge bands, line 4
FL5APRAMS/ROM/ATH/BOM	Ticketed Point mileage entries- no interaction
FMTYO	MPM Surcharge Entries-no interaction
FTAX	Tax Entries

```

FD20APRLHRSYD  x FD20APRLHRSYD25APR  x
<< Back to Fares >>
>FMK4
004 LHRSYD 20APR07 VS GBP 560.00 XSGBA STAYSU/12M BK-X
0. APPLICATION AND OTHER CONDITIONS
RULE - 004/6151
UNLESS OTHERWISE SPECIFIED
VIRGIN ATLANTIC PREMIUM AND ECONOMY FARES BETWEEN UNITED
KINGDOM TO AREA 3
APPLICATION
AREA
THESE FARES APPLY
BETWEEN UNITED KINGDOM
TO AREA 3.
CLASS OF SERVICE
THESE FARES APPLY FOR ECONOMY CLASS SERVICE.
TYPES OF TRANSPORTATION
FARES GOVERNED BY THIS RULE CAN BE USED TO CREATE
ROUND-TRIP/CIRCLE-TRIP/OPEN-JAW JOURNEYS.
CAPACITY LIMITATIONS
THE CARRIER SHALL LIMIT THE NUMBER OF PASSENGERS CARRIED
ON ANY ONE FLIGHT AT FARES GOVERNED BY THIS RULE AND SUCH
FARES WILL NOT NECESSARILY BE AVAILABLE ON ALL FLIGHTS.
THE NUMBER OF SEATS WHICH THE CARRIER SHALL MAKE
AVAILABLE ON A GIVEN FLIGHT WILL BE DETERMINED BY THE
CARRIERS BEST JUDGMENT
3. SEASONALITY
BETWEEN UNITED KINGDOM AND AUSTRALIA FOR -SGBA TYPE FARES
PERMITTED 16APR THROUGH 30JUN ON THE FIRST INTERNATIONAL
SECTOR.
5. ADVANCE RES/TICKETING
UNLESS OTHERWISE SPECIFIED
RESERVATIONS ARE REQUIRED FOR ALL SECTORS.
WAITLIST NOT PERMITTED.
TICKETING MUST BE COMPLETED WITHIN 72 HOURS AFTER
RESERVATIONS ARE MADE.
6. MINIMUM STAY
BETWEEN UNITED KINGDOM AND AUSTRALIA
ORIGINATING UNITED KINGDOM -
TRAVEL FROM LAST STOPOVER MUST COMMENCE NO EARLIER THAN
THE FIRST SUN AFTER DEPARTURE FROM FARE ORIGIN.
7. MAXIMUM STAY
UNLESS OTHERWISE SPECIFIED
<< Pg Dn >>

```

Users can choose **<< Back to Fares >>** to return to the fare display.

Alternatively, users can click on the yellow number to be taken to a standard availability request.

```

>FMK4
004 LHRSYD
0. APPLICATION

```

A20APRLHRSYD	FD20APRLHRSYD	FD20APRLHRSYD25APR
FRI 20APR07 LONDON	/SYDNEY	20/0000 20/2359 G*GAL
1 LHR1SYD 20/2230#0625	VS 200	J7 D7 Z3 W7 S7 K7 Y7 B7 L7 346C*E M7 Q7 X7 N7
2 LHR SIN 20/1200#0745	@VS7317	J0 D0 Z0 Y4 B4 L4 M4 Q0 X0 744C*E N0
3 SYD 21/0930 1850	QF 32	F6 A5 J9 C9 DL IL B9 H9 K9 744C*E M9 RL L9 VC SL NC QC OC XC EL
4 LHR SIN 20/1200#0745	@VS7317	J0 D0 Z0 Y4 B4 L4 M4 Q0 X0 744C*E N0
5 SYD 21/0930 1855	SQ 219	F4 P4 A4 Z4 C4 J4 D4 Y9 B0 744C*E E0 M0 H9 W0 Q9 N0 S9 V0 T0 L0 K9

#### Supported Fare/Pricing fields

FDLHR	Fare display for specific city defaulting to current date
FD20APRSYD	Fare display for specific date with a default to local city
FD20APRLHRSYD	Fare display between two specific cities
FD20APRLHRLHR@RTW	Round the world fares
FD20APRLHRSYD/BA	Fare display for specific carrier(s)

FD20APRLHRSYD/2	Fare display with half round trip in NUC's for all round trip fares
FD20APRLHRSYD/PE25	Fares display with a 25% penalty or less
FD20APRLHRSYD:AP	Fares display using a restriction qualifier
FD20APRLHRSYD-OW OR -RT	Fares display specifying journey type
FD20APRLHRSYD@YLE3M	Fare display for exact fare basis code
FD20APRLHRSYD@APEX	Fare display with fare abbreviation
FD20APRLHRSYD:USD	Display fare in different currency
FD20APRLHRSYD.T12MAR07	Display fares based on specific ticketing date
FDLHRSYDV12MAR	Validate fare restrictions and displays applicable one way fares for specific date
FDLHRSYDV12MAR15MAR	Validates fare restrictions and displays applicable return fares for specific dates
FN*	Display fare notes
FZS1	Display fare converted to own currency at bank selling rate.
FR*2	Display route information line 2
FD*1	Display other passenger type fares requested
FH*4	Display add on fare construction for fare on line 4
FM*4	Display MPM and surcharge bands, line 4
FL5APRAMS/ROM/ATH/BOM	Ticketed Point mileage entries- no interaction
FMTYO	MPM Surcharge Entries-no interaction
FTAX	Tax Entries

#### Un-Supported Fields

NM	All restriction qualifiers
FDA	Converts availability display into a fare display
AV	Converts current fare display to an availability
FDC*1	Display booking codes for line 1
FDDBOS	Change Destination point
FDOSYD	Change Origin point

## Shopping

Shopping request will return an interactive display. The following colour logic applies to the Shopping screen:

**White:** For display purposes only. Non-clickable.

**Blue:** Additional information is available. Blue items are clickable.

**Yellow:** Action- clickable

FSLON10MAYLAX										
TTL OF 7 PRICING OPTIONS AND 24 ITINERARY OPTIONS RETURNED										
PRICING OPTION 1					TOTAL AMOUNT		562.00 GBP			
ADT					TAX INCLUDED					
1	NZ	1	Q	10MAY	LHR	LAX	415P	745P	772	QJX3
2	NZ	2	Q	20MAY	LAX	LHR	440P#1100A		772	QJW3
« BOOK »					« DETAILS »		« RULES »			
PRICING OPTION 2					TOTAL AMOUNT		603.90 GBP			
ADT					TAX INCLUDED					
1	VS	7	Q	10MAY	LHR	LAX	1130A	250P	346	QJXGB
2	VS	8	Q	20MAY	LAX	LHR	515P#1145A		346	QJWGB
« BOOK »					« DETAILS »		« RULES »			« MORE*2 »
PRICING OPTION 3					TOTAL AMOUNT		605.00 GBP			
ADT					TAX INCLUDED					
1	UA	935	Q	10MAY	LHR	LAX	1035A	147P	777	QKXRCGBW
2	UA	934	Q	20MAY	LAX	LHR	603P#1215P		777	QKXRCGBW
« BOOK »					« DETAILS »		« RULES »			
PRICING OPTION 4					TOTAL AMOUNT		605.00 GBP			
ADT					TAX INCLUDED					
1	AA	137	S	10MAY	LHR	LAX	1125A	240P	777	SJXNCCB7
2	AA	136	S	20MAY	LAX	LHR	605P#1225P		777	SJXNCCB7
« BOOK »					« DETAILS »		« RULES »			« MORE*4 »
PRICING OPTION 5					TOTAL AMOUNT		607.00 GBP			
ADT					TAX INCLUDED					
1	UA	955	Q	10MAY	LHR	SFO	1005A	1257P	744	QKXRCGBW
2	UA	6397	Q	10MAY	SFO	ONT	238P	353P	CAJ	QKXRCGBW
3	UA	282	Q	20MAY	BUR	SFO	1043A	1200P	319	QKXRCGBW
4	UA	930	Q	20MAY	SFO	LHR	1254P#	710A	744	QKXRCGBW
« BOOK »					« DETAILS »		« RULES »			
PRICING OPTION 6					TOTAL AMOUNT		621.00 GBP			
ADT					TAX INCLUDED					
1	BA	279	R	10MAY	LHR	LAX	1000A	100P	744	RJXNCCB7
2	BA	278	R	20MAY	LAX	LHR	335P#	945A	744	RJXNCCB7
« BOOK »					« DETAILS »		« RULES »			« MORE*6 »
PRICING OPTION 7					TOTAL AMOUNT		600.00 GBP			
ADT					TAX INCLUDED					

PRICING OPTION 1										
ADT					TOTAL AMOUNT		559.00 GBP			
					TAX INCLUDED					
1	VS	7	Q	10MAY	LHR	LAX	1130A	250P	346	QJXGB
2	VS	8	Q	20MAY	LAX	LHR	515P#1145A		346	QJWGB
« BOOK »					« DETAILS »		« RULES »			« MORE*1 »

By clicking on any of the blue items, you will see the following information

VS	Decodes Airline
7	Terminal Information and travel time.
LHR LAX	Outbound and Return cities
346	Plane type
Details	Fare Construction (FS1)
Rules	Option to view rules based on leg (see below) (FQN1)

« BOOK »						« DETAILS »						« RULES »					
FARE		COMPONENT		BASIS		RULE/ROUTE		APPLIES		RULE/ROUTE		APPLIES		RULE/ROUTE		APPLIES	
1	LHR-LAX				QJX3												
2	LAX-LHR				QJW3												

When a user clicks on the LHR-LAX it will display the detailed fare rules.

When a user clicks **« MORE\*1 »** from the shop screen, it will give more flight options for that price category.

Users can choose the **« BOOK »** option from numerous screens to book the chosen flights. Once booked, the user will see the following screen confirming the sale of the flights and showing the fare.

```

« Back to Pricing Options »
***** SOLD SEGMENTS *****
1. VS 7 Q 10MAY LHRLAX HS1 1130 1450 0 E
DEPARTS LHR TERMINAL 3 - ARRIVES LAX TERMINAL 2
***DEPT LHR TERMINAL 3 * ARRIVES LAX TERMINAL 2***
***PLSE ENSURE DESTINATION CTC TEL NOS ARE IN EVERY BOOKING***

2. VS 8 Q 20MAY LAXLHR HS1 1720 #1145 0 E
DEPARTS LAX TERMINAL 2 - ARRIVES LHR TERMINAL 3
***DEPT LAX TERMINAL 2 * ARRIVES LHR TERMINAL 3***
***PLSE ENSURE DESTINATION CTC TEL NOS ARE IN EVERY BOOKING***
ADD ADVANCE PASSENGER INFORMATION SSRS DOCA/DOCO/DOCS
PERSONAL DATA WHICH IS PROVIDED TO US IN CONNECTION
WITH YOUR TRAVEL MAY BE PASSED TO GOVERNMENT AUTHORITIES
FOR BORDER CONTROL AND AVIATION SECURITY PURPOSES

***** FILED FARE *****
ADDITIONAL TAXES, SURCHARGES, OR FEES MAY APPLY

FS-1 AA
S1 NVB10MAY/NVA10MAY
S2 NVB20MAY/NVA20MAY
LAST DATE TO PURCHASE TICKET: 18DEC06
LON VS LAX 438.66QJXGB VS LON 466.96QJWGB NUC905.62END ROE0.53001
8
FARE GBP480.00 TAX 40.00GB TAX 14.10UB TAX 1.30AY TAX 14.80US TAX
2.60XA TAX 3.60XY TAX 2.60YC TOT GBP559.00

UNABLE TO FILE - NEED PLATING CARRIER
UNABLE TO FILE - NEED NAMES

```

### Supported Shopping fields

FSLON10JANDXB	One way journey
FSLON10JANDXB20JANLON	Round Trip Journey
FSBKK11JUNHKG17JUNSIN20 JUNTYO25JUNBKK	Circle Trip Journey
FSLON10JANDXB—AUH20JANLON	Surface Sector
FSFRA10JUNLON17JUNFRA+*C10	Passenger Type Code
FS2LON20DECJKT+P1.2*C04	Adult and Child with age
FSSIN1JUNHKG-BUSNS10JUNPAR-FIRST	Preferred Cabin Class
FSSYD1JUNAKL10JUNSYD++/QF/NZ	Round Trip with Preferred Carrier
FSSYD1JUNAKL10JUNSYD++/QF#/NZ#	Preferred Carriers Only
FSLON14JULNYC24JULLON++M	Multi Airport Processing
FSCDG10JANMAD12JUNCDG++D	Roundtrip Preferred Direct Flight

## Un-Supported Shopping fields

FSROM1JUNX-JFKCVG20JUNX-JFKROM	Connecting Points
FS2LON20DECJKT	Request with 2 Passengers
FSABKK1JUNHKG7JUNSIN10JUNTYO15JUNBKK	Circle Trip Regardless of Availability
FSSYD1JUNTYO/QF10JUNHKG/CX	Round Trip Journey with Preferred Carriers
FSZRH10JUNLHR.M#20JUNZRH.E#	Preferred Morning and Evening Departures
FSLAX1JUNLON10JUNLAX+//*A	Preferred Alliance

## Booking File

Once a booking file has been created and a user does a \*R, users can click on any of the blue items to see the following information

15V	Terminal information and flight time
LHRSYD	Outbound and Return cities
HS	Segment Status
*FF	Display Filed Fare
*HTE	Display Electronic Ticket Data if it exist



*Note: IR will not bring back an interactive dialog. Users must do a \*R in the Point and Click environment to have the interactive Booking File.*

Users can click on the yellow segment number to indicate the need for a car or hotel. The following screen will be displayed with the travel dates populated. Users can choose car or hotel and be directed to the chosen availability display.

## Supported Booking File fields

*FF	Display Filed Fare Information
*THE	Display Electronic Ticket Data (note: This will display whether there is ticket information or not. Once a user clicks on it, it will advise if there is data or not.
*MM	Display Mileage Membership Information

*VL	Display Vendor Locator Information
*VR	Display Vendor Remarks Information
*EM	Display Email information
*SI	Display Service Information

Un-Supported Booking File fields

*SD	Display Seat Data
-----	-------------------



## Customisation Enhancements

The following sections briefly describe some of the new customizations and changes to existing customization features for Galileo DesktopSM 2.2.

### Context Menus

In GD 1.01, the context (right-click) menus are hard-coded into the pnr.html file. For GD 2.0 all context menus are in an external XML file (ContextMenus.xml). This results in making them more dynamic and easier to customize.

### Version Update Tool

To support a new Version Update Tool in GD 2.0, we created a binary catalogue to store file information. GD 2.0 maintains version information for files such as HTML, XML, XSD, and INI text files. We support all GD 2.0 files, except executables and DLLs. The version information for each file includes the file name, version, date, time stamp, file size, and remarks.

An ATL COM dynamic link library (UtilBinCatManager.dll) is available to populate, read, and maintain the binary catalogue. This utility component also provides information about the Version Update Tool installed on the user's machine.

### New Location for Translation Files

Previously, languages in use were determined by referencing the \SWDIR\LangCodes.csv file. This file is now individual language-specific directories contained in the \Content\Languages folder. Each language-specific directory contains a corresponding LanguageName.txt file, and copies of translatable files are contained within individual language folders.

To allow multiple languages for a customization, the following files are now in the individual language subdirectories within the Languages directory:

- pnrCustom.js
- pnr\_custom\_top.html
- pnr\_custom\_bottom.html
- email\_custom\_top.html and email\_custom\_top.txt
- email\_custom\_bottom.html and email\_custom\_bottom.txt
- custom\_css.css

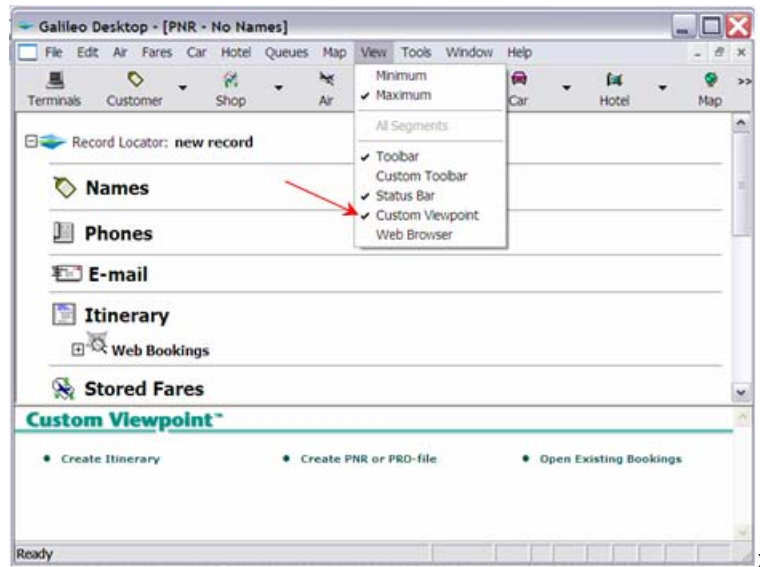
The user must change any paths that reference these files from the Content directory to the appropriate Languages subdirectory. Any existing customizations that use these files will no longer work if the installation procedures copy the affected files in the old paths.

Many customizations use pnr\_custom\_top.html as a reference for their external JavaScript (.js) files or as a starting point. These references will no longer be valid if this file installs in the Content directory.

One suggestion is to rebuild the setup including changes for both GD 1.01 and 2.0. In this case, use the same setup to install customization in the two different environments.

## New Menu Management for Custom Viewpoint

Custom Viewpoint typically displays in a bottom pane of the main Viewpoint™ window. The user can turn Custom Viewpoint on or off using the CustomViewpoint submenu option in the View menu. Agents use Custom Viewpoint as a menu for their own customizations, or to access features like Script Libraries or Custom Fares.



In GD 1.01, Custom Viewpoint uses MDI child windows that display HTML content. In GD 2.0, we redesigned the Custom Viewpoint infrastructure to construct from a new XML file: CustomViewpoint.xml. This file holds all of the data required to render each of the HTML files in the Custom Viewpoint window.

HTML content displayed in the Custom Viewpoint window renders using new XSLT files on the CustomViewpoint.xml file. This enhancement allows for easier customization of Custom Viewpoint because it now allows one setup to install over an existing setup.

The system creates each of the following HTML files using CustomViewpoint.xml, and an XSLT file with same name as the HTML file. *For example*, Menu3.html constructs using CustomViewpoint.xml and Menu3.xslt.

-	Menu3.html	-	Menu4.html
-	Menu6.html	-	welcome.html
-	hints_airavail.html	-	hints_cal.html
-	hints_calshop.html	-	hints_hoa.html
-	hints_hoi.html	-	offer_car_hotel.html
-	shop.html	-	

The following updates are also available for Custom Viewpoint customizations:

- The Custom Viewpoint window is now re-sizable. Therefore, customizations no longer need to consider screen size when configuring Custom Viewpoint files.
- The Viewpt.ini file contains the path that Galileo Desktop<sup>SM</sup> uses to access the CustomViewpoint directory. This path used only at runtime, and is not used during the installation procedure.
- If the user needs to save the installation of their customization for a new setup, they can change this path and install their customization in a different directory. If reinstalling Galileo Desktop<sup>SM</sup>, the system overwrites and deletes the default path, but saves the new path and customizations.
- To change the path variable in the Viewpt.ini file to obtain the new directory for CustomViewpoint:

```
[CustomViewpoint]
Path=C:\fp\swdir\CustomViewpoint\
```

### **GDAudit Extension (GDAudit Listener)**

GDAudit Extension is a new listening functionality that intercepts requests and responses to and from the Apollo<sup>®</sup> or Galileo<sup>®</sup> CRS. The new listener uses a sink object that installs as part of Galileo DesktopSM 2.2.

Various customizations used GDAudit in GD 1.01. To avoid conflicts with existing installations of GDAudit, the new version of GDAudit is now included in the standard Galileo DesktopSM 2.2 setup. Therefore, any new customizations do not need to install GDAudit separately. GDAudit installs in the \FP\SWDIR\GDAudit.

Customizations that already use a single grammar file (GDAudit.xml) need to split this file into extension files using the naming convention described in the SDK Help. The user can copy these extension files into the \FP\SWDIR\GDAudit\Features directory.

The new version of GDAudit is able to intercept all four events (Transmit, PreTransmit, Receive, and Pre Receive) that generate from the sink object, based on the configuration request in the features XML file.

Please refer to the SDK if you have a need for further details. <http://ais.galileo.com>

### **Viewpoint Connection Point Events**

Connection point events fire when an interesting task occurs in Viewpoint<sup>TM</sup>. A third-party application can use the event to trigger a specific response. They can use these connection point events to automate and streamline tasks for travel counsellors.

Twenty-one new events are available for the Viewpoint Connection Point Events.

XML is now available for the following events: Air availability, Car availability, Hotel availability, and Fare Quote. Getting XML is optional, and the INI settings control delivery.

## Installation

Someone with a working knowledge of the hardware should oversee the install of Galileo Desktop<sup>SM</sup>.

### Software Requirements

- Windows<sup>®</sup> 2000 (Service Pack 4), or Windows<sup>®</sup> XP (Home or Professional Edition), Windows<sup>®</sup> Vista
- Microsoft<sup>®</sup> Internet Explorer 6.0 and above
- Microsoft.Net Framework 1.1

### Citrix<sup>®</sup> Options:

This installation is fully compatible with most Citrix<sup>®</sup> application servers currently supported by Citrix and is available for Microsoft<sup>®</sup> Terminal Service users.

- NT 2000 Terminal Server
- NT 2000 Microsoft<sup>®</sup> Terminal Server with Citrix<sup>®</sup> MetaFrame XP 1.0 & XPe 1.0 both Windows<sup>®</sup> client and NFuse Portal Server
- Citrix Presentation Server 4.0 on Windows Server 2003

### Hardware Requirements

Requirement	Minimum	Recommended
Processor	266Mhz Pentium	1Ghz
RAM	128MB	512MB
Temp hard drive space	400MB	
Permanent disk space	200MB	<b>Note:</b> Additional space is required for Internet Explorer and the Microsoft .NET framework
Resolution	800x600	1024x768 (16bit colour or higher colour is recommended as well).

The installation determines the Windows<sup>®</sup> platform as well as the version of MS Internet Explorer the user has on their computer. The user may need to know the CD-ROM drive letter designation if they intend to access this application from a shared CD-ROM drive.

## Install Enhancements

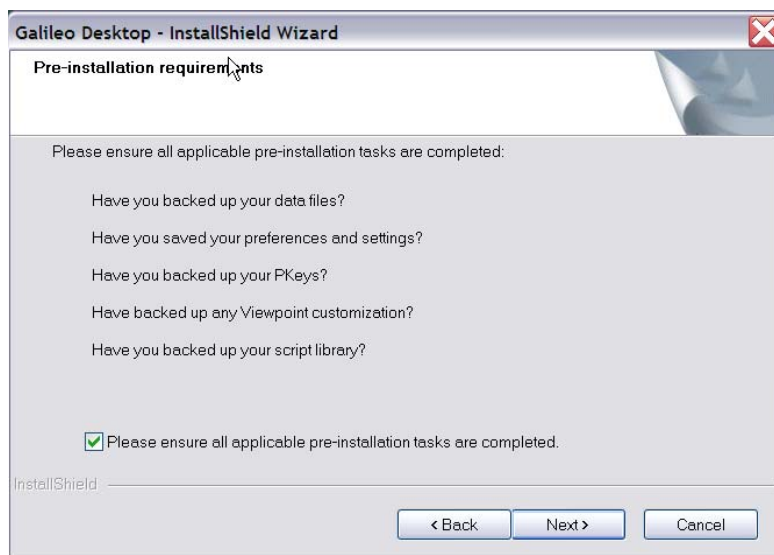
The following sections briefly describe some of the enhancements to the installation process for Galileo Desktop<sup>SM</sup> 2.2.

### MSXML Update 6.0

The installation process checks to ensure MSXML 6.0 is present. If it is not present on the workstation, the Galileo Desktop<sup>SM</sup> installation begins to install MSXML 6.0 first. Once that install is complete, the process continues with the Galileo Desktop<sup>SM</sup> installation.

### Pre-install Check

During the installation, the user encounters a Pre-installation dialog that requires a check box response to ensure the process completes all applicable pre-installation tasks.



### Database Setup Selection

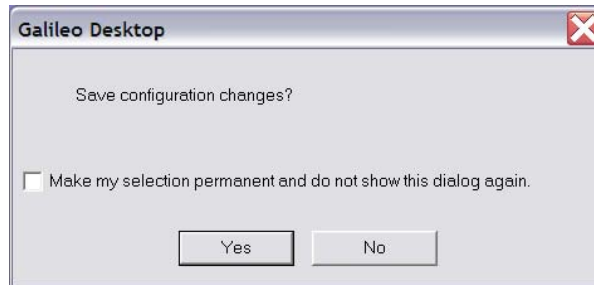
The installation process provides an option to install access to an SQL database, in addition to the default MS Access database. The Access database is free, while SQL requires a license. Agencies that want SQL will need to purchase a license for SQL server and will need their system admin log on and password.

**MS Access database:** This is the default connection to travel information for their local drive

**MS Access Database plus SQL Server database:** This connection allows them to set it up to point to a SQL database.

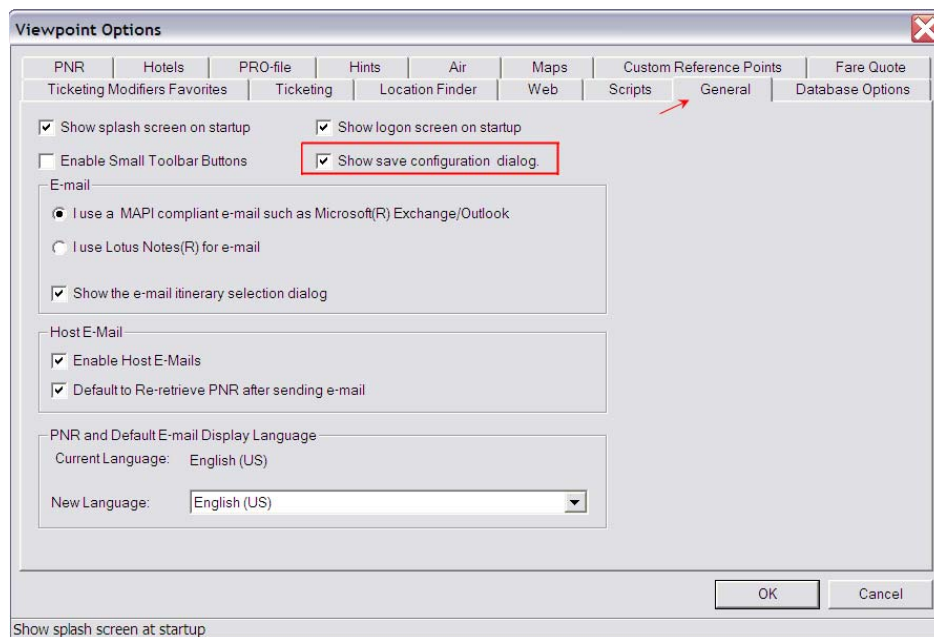
## Configuration Changes

Each time a user exits Galileo DesktopSM 2.2 after making any changes to their Focalpoint® windows (menus, colours, etc.) they receive a dialog box asking if they wish to save the changes.



- When selecting 'Yes', their changes are saved.
- When selecting 'No', their changes do not save.
- If they check the 'Make my selection permanent and do not show this dialog again' box prior to selecting the 'Yes' or 'No' button, this becomes the new default once they exit.

To change the save option for the default configuration, the user must go to the Tools/Option menu in the Viewpoint™ display and enable this dialog box from the General tab.

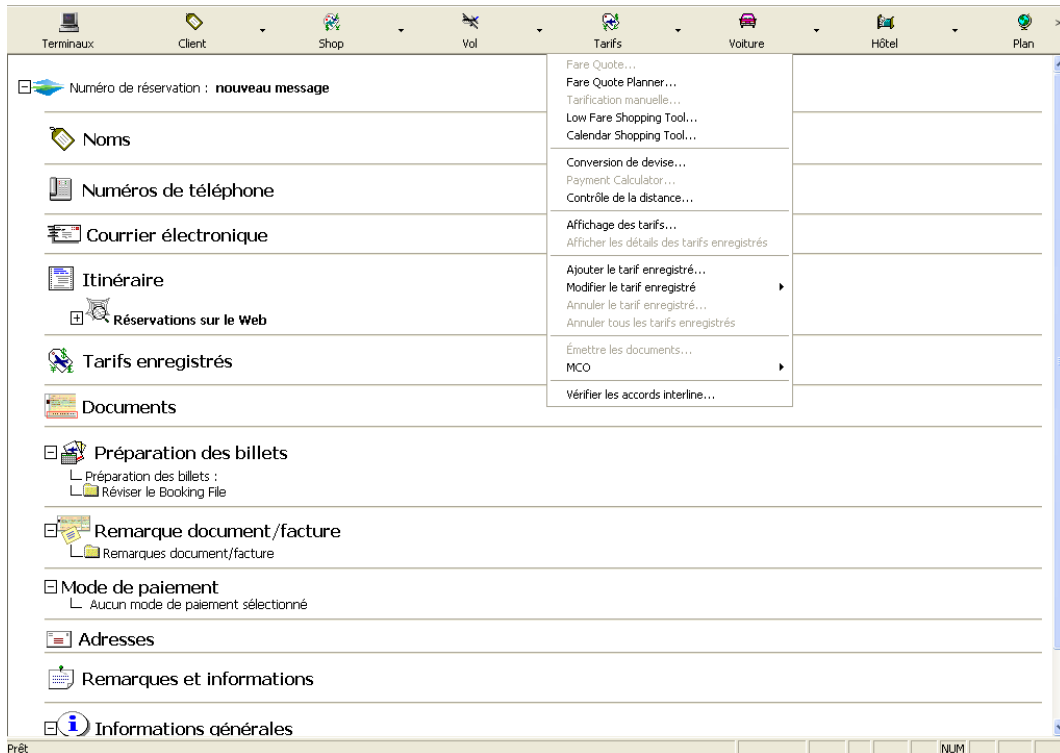


## Languages

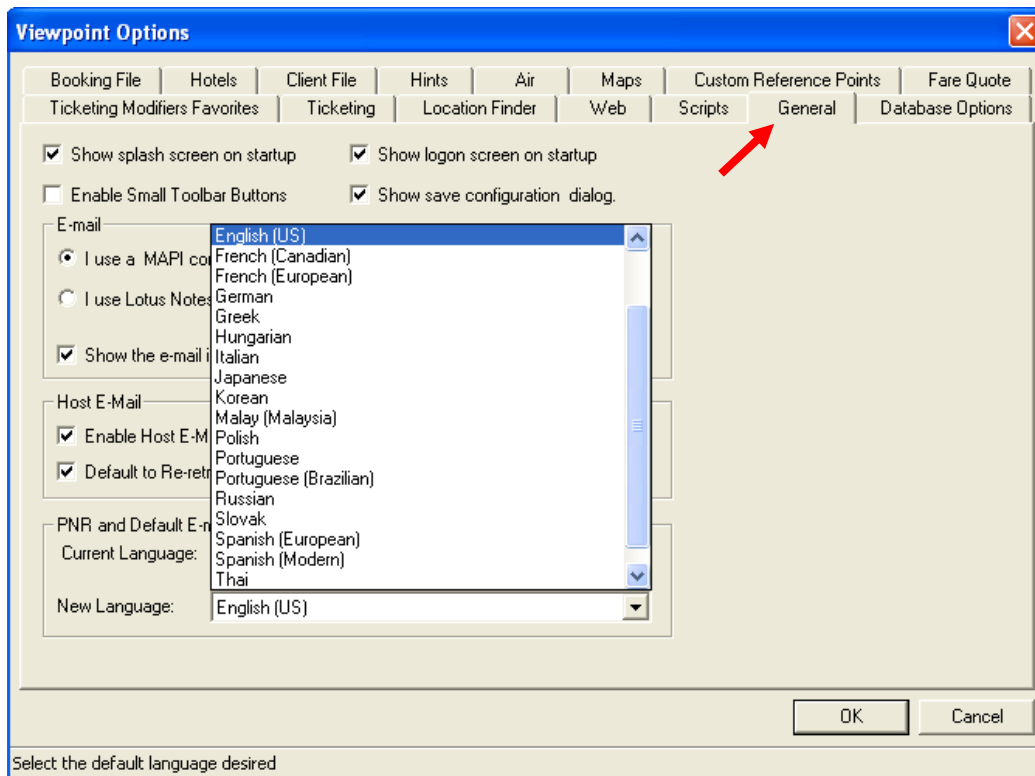
Galileo Desktop now provides the ability to select from twenty three (23) different languages for Viewpoint™, Focalpoint®, and Point & Click. This choice is made as part of the installation. Users must choose the languages they will want to use during the install process. These languages will be available after install. If only one language is chosen, users will not have access to the other languages unless the re-install Galileo Desktop.

The user also has the ability to select a language, based on installed languages, each time they sign into Galileo Desktop or from the General tab under Viewpoint Options.



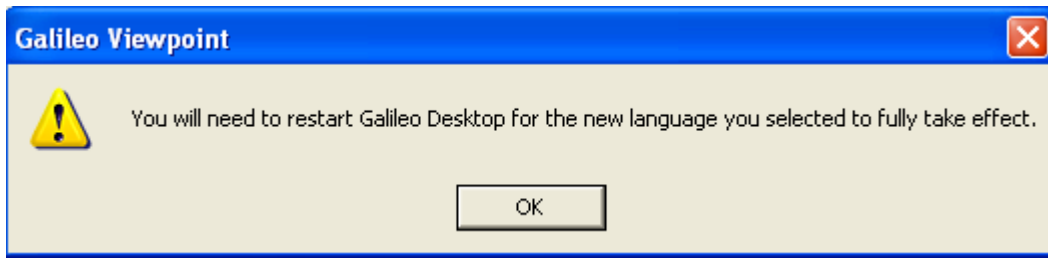


If a user wants to change languages, they go to the Tools, Options menu and click on the General tab.





Once they change languages, the following message will appear:



This applies to users that want to see the languages in Focalpoint or Point & Click. Galileo Desktop will automatically update for the Viewpoint screen without having to restart Galileo Desktop.

The following languages are available:

Chinese (Traditional)	Japanese	Czech
Turkish	English	Korean
French (Canadian)	French (European)	Russian
German	Portuguese (Brazilian)	Greek
Portuguese	Spanish (Traditional)	Hungarian
Italian	Spanish (modern)	Slovak
Thai	Bahasa Malay	Polish
Arabic	Chinese (simplified)	

Currently, the following areas of Galileo Desktop have been internationalized and are translated or otherwise localised:

- The main PNR/Booking File view in Galileo Desktop (the main GUI window)
- Local email
- Toolbars
- Menus
- Focalpoint Software (menus, etc.)
- Point and Click software & hover text
- Help files (as listed in chart-no updates to this version)

The following chart represents which languages are supported in which product area. Area with a check will be in the local language.

Language	FP App	FP Help	VP App	VP Help
Arabic	English	English	X	X
Bahasa Malay	X	English	X	English
Chinese (Simplified)	X	X	X	English
Chinese (Traditional)	X	X	X	English
Czech	X	X	X	English
English	English	English	English	English
French	X	X	X	X
French Canadian	X	X	X	English

German	X	X	X	X
Greek	X	X	X	English
Hungarian	X	X	X	English
Italian	X	X	X	X
Japanese	X	X	X	X
Korean	X	X	X	English
Polish	X	English	X	English
Portuguese (Brazilian)	English	English	X	English
Portuguese (European)	X	X	X	English
Russian	X	English	X	English
Slovak	X	X	X	English
Spanish (European)	X	X	X	X
Spanish (Latin)	X	X	X	X
Thai	English	English	English	English
Turkish	X	X	X	English