

Decoder Suite & Itin to X Options



This document outlines the possible fields available for customising the layouts generated by the Navitas Decoder Suite and Itin to X products. Customisation is available for the Itinerary (both Decoder Suite and Itin to X), Availability, TimeTable and Shopping outputs.

Each document section outlines the fields that are extracted from the GDS, an example of the data the field holds, and any special fields that relate to where the data may be extracted from. Additional notes about each field are provided where necessary.

The fields listed are available in both Text and HTML versions of each Decoder Suite tool. In addition to the fields, other customisations are available in terms of formatting, colours and the inclusion of Logos/Icons, see Appendix B for examples.

Customisation of the layouts can be done for an entire Company, a Specific Company Location, Corporate Account or Account Reference Number. For example, Company A might design a standard format for all sites, then design another format to be used only at an implant site in order to incorporate specific information, logos and corporate colours for that customer. Similarly Company A might wish to have one format created for Profile XYZ and a completely different format for Profile ABC, allowing them to target the layout to their customer's needs. Our products automatically pick up the Company, PCC/OID, Profile Name and Account Code from each booking file and applies the best format and layout matching the criteria.

For special requirements, Navitas Solutions is also able to provide custom data extraction for inclusion on the output. Examples of custom extraction would be

- Retrieval of Selling Fare information from Remarks, Accounting Lines or Notepads
- Extraction of Fare Notes / Rules
- Inclusion of standard Terms and Conditions
- Extraction of data from external, agency owned, databases
- etc

Charges for providing custom data extraction is based on man effort required, contact us for a quote regarding your specific needs.

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Document Version Information

Version	Date of Release	Notes
Version 5	09 March 2011	Added all new Fare Fields now available
Version 6	22 July 2011	Added new status fields and included Itin to X references
Version 7	02 August 2011	Added Car Address and Phone Number fields
Version 8	17 August 2011	Added new AirlineFees to Fare section and updated TOTAL AMOUNT information. Added Hotel Long Name
Version 9	7 Jan 2013	Added Hotel Optional Fields for Travelport GDS
Version 10	18 April 2017	Updates to include new fields available in Amadeus SmartScripting API etc

Itinerary Decoder / Itin to X

The itinerary decoder has 5 sections where GDS data is displayed, namely Passenger, Flight, Fares / Tickets, Hotels and Cars. The following sections details the fields available in each respective section.

Itin to X can also display any of the following fields with any of the Template designs.

Passengers:

Field	Example Data	Special Field*	Notes
First Name	PAUL		Recognised Titles are removed from First Name (see below)
Surname	TOOMEY		
Title	MR		There is a list of default Titles the system attempts to recognise when the title is included in the firstname, if the title is not recognised it will be included at the end of the First Name as per the GDS
Mileage Membership / Frequent Flyer Numbers	QF1234567		The Frequent Flyer / Mileage Membership numbers are read from the PNR and attached to the associated Passenger
Passenger Type	ADT/C11/INF		
Date of Birth	12NOV2016		If entered into the PNR using general GDS entries

* Special Field is generally related to additional Direct Sell or Passive Segment options that can be entered into the GDS

Flights:

Field	Example Data	Special Field*	Notes
Associated Remarks	HAVE A NICE FLIGHT		
Arrival Country Code	GB		
Arrival Country Name	United Kingdom		
Arrival Date / Time	15-MAR-10 15:00		See notes on Dates/Times in Appendix A
Arrival Day Change	+2		Indicates is the flight arrives -1, +1 or +2 after departure
Arrival IATA City	London		
Arrival IATA Code	LHR		
Arrival IATA Code Decoded	Heathrow		
Arrival Terminal	1		
Booking Cabin Name	ECONOMY		Such as Premium First, First, Business, Premium Economy, Economy
Booking Class Code	B		
Booking Class Name	LEISURE TRAVELLER		
Change of Gauge	Y		Indicates the aircraft type changes at stop over point
Code Share Vendor Code	QF		
Code Share Vendor Name	Qantas Airways		
Departure Country Code	US		
Departure Country Name	United States of America		
Depart Date / Time	12-MAR-10 15:00		See notes on Dates/Times in Appendix A
Departure IATA City	New York		
Departure IATA Code	JFK		
Departure IATA Code Decoded	John F Kennedy		
Departure Terminal	4		
Equipment Code	744		
Equipment Name	Boeing 747 - 400 Series		
Flight Meals	Breakfast, Lunch		The normal meal services available on the flight (see Special Meals as well)
Flight Number	987		
Flight Services	WCHR/Wheelchair		Any services provided on the flight in general – power, TV, audio
Number of Stops	2		

* Special Field is generally related to additional Direct Sell or Passive Segment options that can be entered into the GDS

Seats	14A		
Segment / Element Num	1,2,3 etc		
Service Requests	WCHR / Wheelchair		Any special service requests made for the flight (SSR's)
Special Meals	VGML / Vegetarian		Any special meals requested for the flight
Status Code	HK		
Status Decoded	Holding Confirmed		
Status Short Name	Confirmed		Will only show Available, Cancelled, Confirmed, Need, Passive, Requested, Unable, Waitlist for the status instead of the full description
Total Journey Time	8h15m		Hours and minutes for the flight duration (not including Ground time)
Total Journey Group Time	4h20m		Hours and minutes spent on the ground for 'through' flights
Total Mileage	4567		
Vendor Code	BA		
Vendor Locator	A34RT1		
Vendor Name	British Airways		

The Itin to X application also has access to 'Flight Leg' information that can be displayed on the output. Whilst we have access to the fields above for each flight leg, we can also provide the following additional data

Field	Example Data	Special Field*	Notes
Flight Comments	OPERATED BY BA		Any comments returned by the airlines on the flight segment
Leg Journey Time	3h45m		Hours and minutes for the leg flight duration (not including Ground time)
Leg Ground Time	1h15m		Hours and minutes spent on the ground in between flight legs
Leg Stop Points	SIN / Singapore		A list of all stop points on a flight journey

* Special Field is generally related to additional Direct Sell or Passive Segment options that can be entered into the GDS

Fares:

Field	Example Data	Special Field*	Notes
For each FARE/TST			
Fare Number	1,2,3 etc		
Form Of Payment	CASH		
Related Flights			See Flights section for full specification
Grand Total	GBP1230.45		This is a Grand Total for all Prices for all Passengers
Grand Total Taxes	GBP670.00		This is a Grand Total of all Taxes on all Prices for all Passengers
Last Date To Ticket	24-MAR-11		See notes on Dates/Times in Appendix A
Number of Adults	3		Number of passengers that are not denoted as Child or Infant
Number of Children	2		Number of passengers denoted as CHD or Cxx in the fare
Number of Infants	1		Number of passengers denoted as INF in the fare
Plating Carrier	BA / British Airways		
Quote Performed	24-Mar-11		Date that Quote was performed, See notes on Dates/Times in Appendix A
Routing	LHR-JFK-LAX-JFK-LHR		Routing of the journey the fare covers
Status	G		
Text	Various		Text of the Fare or TST
Tour Code	TC8978		
For each PRICE in each FARE/TST			
Passenger Relation	1.3,5 or 1.3-5		Format is specific to GDS in use
Passenger Human Readable	1, 3 to 5, 7		Replaces - with the word 'to' and comma separates individual segments
Segment Relation	1.3,5 or 1.3-5		Format is specific to GDS in use
Segment Human Readable	1 to 3, 5, 7 to 12		Replaces - with the word 'to' and comma separates individual segments
Related Flights			See Flights section for full specification
Fare Basis Code	WTFGHR		See Fare Basis Section below
Fare Construction	LHR BA XTYGH 290.00 JFK		
Grand Total	GBP1230.45		This is a Grand Total for this Price for all Passengers
Grand Total Taxes	GBP670.00		This is a Grand Total of the Taxes for this Price for all Passengers
Passenger Description	ADT, CHD, C08		
Price – Airline Fees	4.50GBP		Additional fees by airlines, such as BA/IB credit card charges
Price - Base Per Person Fare	100		
Price - Base Per Person Currency	GBP		
Price - Base Per Person Fare Equivalent	100.00		If the original fare was in a different currency, this shows the base fare equivalent in 'normal' currency for your agency
Price - Base Per Person Fare Equivalent Currency	GBP		

* Special Field is generally related to additional Direct Sell or Passive Segment options that can be entered into the GDS

Price – Commission Amount	5.00		If a commission percentage is provided, the Amount is automatically calculated
Price – Commission Percentage	2.5%		
Price - Total Per Person Fare	140.00		This is the Total including Taxes per Passenger, for Amadeus users this now includes the BA/IB Credit Card charge that is displayed in “GRAND TOTAL”
Price - Total Per Person Fare Currency	GBP		
Price - Total Per Person Taxes	40.00		This is the total of all Taxes per Passenger
Price - Total Per Person Taxes Currency	GBP		
For each TAX in each PRICE			
Tax Code	GB		
Nature Type			Amadeus Only
Number	1,2,3 etc		
Tax Type	X or O		Amadeus Only (X = New Tax, O = Original Tax)
Tax Value	40.00		
Tax Value Currency	GBP		
For each FAREBASIS in each PRICE			
Baggage Allowance	2PC or 20KG		
Passenger Relation	1.3,5 or 1.3-5		Format is specific to GDS in use
Passenger Human Readable	1, 3 to 5, 7		
Segment Relation	1.3,5 or 1.3-5		Format is specific to GDS in use
Segment Human Readable	1 to 3, 5, 7 to 12		Replaces - with the word ‘to’ and comma separates individual segments
Fare Basis Code	F45HOB		
Flight			The flight that relates to this Fare Basis, see Flight specification for full details
Not Valid After	24-MAR-11		See notes on Dates/Times in Appendix A
Not Valid Before	24-MAR-11		See notes on Dates/Times in Appendix A
Vendor - Code	BA		
Vendor - Name	British Airways		

For each TICKET in each FARE/TST			
Airline Ticket Code	120		
Conjunction Ticket Number	-345		Amadeus Only
Full Ticket Number	1201234567891		
Passenger Human Readable	1, 3 to 5, 7		Replaces - with the word 'to' and comma separates individual segments
Passenger Relation	1.3,5 or 1.3-5		
Segment Human Readable	1 to 3, 5, 7 to 12		Replaces - with the word 'to' and comma separates individual segments
Segment Relation	1.3,5 or 1.3-5		
Ticket Number	1234567891		

Hotels:

Field	Example Data	Special Field*	Notes
Accounting Information	123123	/**	Amadeus Only
Address (Billing)	1 TEST ST	/BA-	Travelport Only
Address (Customer)	1 TEST ST	/AD-	Travelport Only
Advance Deposit		/AV-	Travelport Only
Agent Override	PAUL	/AGT-	Galileo Only
Approximate Total	680.00GBP		
Associated Remarks	HOTEL CHECKIN AFTER 3PM		Normal remarks associated to the Hotel segment
Bed Type Configuration		/BT-	Travelport Only
Booked Via	Phone	/BGV-	Amadeus Only
Booking Source	123123	/BS-	Amadeus Only
Check In City	New York		
Check In Country Code	US		
Check In Country Name	United States of America		
Check In Date	10-MAR-10		See notes on Dates/Times in Appendix A
Check In IATA Code	JFK		
Check In IATA Code Decoded	John F Kennedy		
Check Out Date	10-MAR-10		
Child Ages	10-4-01-5	/CA-	Travelport Only
Commissionable Booking	Y or N	/CM-	Travelport Only
Confirmation Number	123123	/CF-	
Corporate ID (Discount Num)	12345	/CD-	
Credit Cards Accepted	AX VI	/CL-	Travelport Only
Credit Card Name	PAUL TOOMEY	/CN-	Travelport Only
Credit Card num from extension	AX37xxxxxxxxxx28/Exp1213	/CC-	Travelport Only
Crib Or Cot	2	/CR-	Number requested, Travelport Only
Crib Or Cot Charge Amount	10	/CR-	Amadeus Only
Crib Or Cot Charge Currency	GBP	/CR-	Amadeus Only
Customer ID	123123	/ID-	

* Special Field is generally related to additional Direct Sell or Passive Segment options that can be entered into the GDS

Customer Name	PAUL TOOMEY	/NM-	Galileo Only
Deposit Details	AX37xxxxxxxxx28/Exp1214	/DP-	
Extra Adult	2	/EX-	Number requested
Extra Adult Charge Amount	10	/EX-	Amadeus Only
Extra Adult Charge Currency	GBP	/EX-	Amadeus Only
Extra Child	1	/EC-	Number requested, Galileo Only
Frequent Guest	12312321	/FG-	Hotel Membership, Galileo Only
Frequent Traveller	12312333	/FT-	Frequent Flyer Membership
Guarantee	AX45xxxxxxxxxxx45/Exp0312	/G-	
Hotel Address	8 Main St The Village New York 80011		Taken from GDS Hotel systems - format is not guaranteed
Hotel Arrival Airline	BA	/ARR-	Amadeus Only
Hotel Arrival Airport	LHR	/ARR-	Amadeus Only
Hotel Arrival Flight Arrival Time	10:00	/ARR-	Amadeus Only
Hotel Arrival Flight Number	987	/ARR-	Amadeus Only
Hotel Arrival Terminal	1	/ARR-	Amadeus Only
Hotel Chain Code	HI		
Hotel Chain Name	Hilton Hotels		
Hotel Depart Airport	LHR	/ARR-	Amadeus Only
Hotel Property Long Name	Hilton Gardens Loft Apartments		Used when the Hotel Name has been truncated in the GDS Segment
Hotel Property Name	Hilton Sydney		Hotel Names are known to truncate in the GDS
Hotel Property Number	9317		Taken from GDS Hotel systems - format is not guaranteed
Hotel Property Phone Number	012345677		
Hotel Property Fax Number	987667665		
Inclusive Tour	THU123	/IT-	Tour Code, Galileo Only
Multi Level Rate Code	ABC123		Galileo Only
Number of Nights	2		
Number of Occupants	2		
Number of Rooms	1	/NR-	
Rate Amount	470		
Rate Changes During Stay	Y		Indicates the rate changes during the stay, such as a Friday night

* Special Field is generally related to additional Direct Sell or Passive Segment options that can be entered into the GDS

Rate Currency	USD		
Rate Guarantee Code	G	/RG-	Galileo Only
Rate Override Amount	450	/AO-, /RO-, /RRO-, /RT-	
Rate Override Currency	GBP	/AO-, /RO-, /RRO-, /RT-	
Roll Away Adult	1	/RA-	Number requested
Roll Away Adult Amount	10	/RA-	Amadeus Only
Roll Away Adult Currency	GBP	/RA-	Amadeus Only
Roll Away Child	1	/RC-	Number requested
Roll Away Child Amount	10	/RC-	Amadeus Only
Roll Away Child Currency	GBP	/RC-	Amadeus Only
Room Cancellation Information	Notify by 4PM		Amadeus Only
Room Rate Code	A1D	/RT-	
Saving Amount	100	/SAV-	Amadeus Only
Segment / Element Num	1,2,3 etc		
Special Information	Ground Floor Please	/SI-	
Status Code	HK		
Status Decoded	Holding Confirmed		
Written Confirmation	1 Main St, New York	/W-	

Cars:

Field	Example Data	Special Field*	Notes
Account Name	AC123	/AN-	Galileo Only
Additional Day Rate Amount	45		Galileo Only
Additional Hour Rate Amount	5.6		Galileo Only
Additional Mileage Rate Amt	0.65		Galileo Only
Approximate Total	450.00GBP		
Associated Remarks	ENSURE YOU TAKE VOUCHER		
Billing Number	123123	/BN-	
Billing Reference	123123	/BR-	Amadeus Only
Booking Agent	PAUL	/BA-	Amadeus Only
Booking Source	123123	/BS-	
Car Type Code	ECMR		
Car Type Decoded	Economy		
Car Type Example	BMW 3 Series or similar		Only when vendor returns information
Car Vendor Code	ZE		
Car Vendor Name	Hertz		
Collection Address	8 Main St, New York	/COL-	
Confirmation Number	123123123	/CF-	
Corporate ID	123123	/CD-	
Customer ID	123123	/ID-	
Delivery Address	8 Main St, New York	/DEL-	
Drivers Licence	DL123123	/DL-	Galileo Only
Drivers Name	Paul Toomey	/NM-	Galileo Only
Drop Off Charge Amount	50	/DC-	Galileo Only
Drop Off Charge Currency	GBP	/DC-	Galileo Only
Drop Off Date / Time	12-MAR-10 15:00	/RT-, /DT-	See notes on Dates/Times in Appendix A
Drop Off Location Code	LON123C	/DO-	
Email	paul@navitas.co.uk	/EM-	Amadeus Only
Estimated Distance	12	/DI-	Amadeus Only

* Special Field is generally related to additional Direct Sell or Passive Segment options that can be entered into the GDS

Form Of Payment Type	CASH	/FP-	Amadeus Only
Form Of Payment Amount	45	/FP-	Amadeus Only
Form Of Payment Currency	GBP	/FP-	Amadeus Only
Frequent Traveller	333322	/FT-	
Guarantee	AX37xxxxxxxxx28/Exp1214	/G-	Amadeus Only
Inclusive Tour	TR4566	/IT-	Tour Code
Mileage Allowance	UNL		Galileo Only
Mileage or Kilometers	K		Galileo Only
Number of Cars	1		
Number of Days	3		
Pick Up Address	214 N Clark Street Chicago IL 60601		Taken from GDS Car systems - format is not guaranteed
Pick Up City	New York		
Pick Up Country Code	US		
Pick Up Country Name	United States of America		
Pick Up Date / Time	12-MAR-10 15:00		See notes on Dates/Times in Appendix A
Pick Up Flight Class	Y	/ARR-	Amadeus Only
Pick Up Flight Number	987	/ARR-	
Pick Up Flight Vendor	BA	/ARR-	
Pick Up Flight Vendor Name	British Airways	/ARR-	
Pick Up IATA Code	JFK		
Pick Up IATA Code Decoded	John F Kennedy		
Pick Up Instructions	Representative at Desk		Amadeus Only
Pick Up Location Code	LON123C	/PUP-	
Pick Up Location Type	Terminal		
Pick Up Phone Number	312 555-1111		Taken from GDS Car systems - format is not guaranteed
Rate Amount	450		
Rate Code / Category	ACD123	/CW-, /RC-	
Rate Currency	GBP		
Rate Quoted	EUR33.53-3.14 200K DY	/RQ-, /PR-, /RT-	

Segment / Element Num	1,2,3 etc		
Special Equipment	Roof Racks	/SQ-	
Special Information	2 doors please	/SI-	
Tracking Data	ABCDEFGF	/TK-	Amadeus Only
Voucher Number	VC12345	/VC-	Galileo Only
Voucher Value	100	/VV-, /EVV-	
Written Confirmation	8 Main St, New York	/W-	Galileo Only

Availability Decoder

The Availability Decoder extracts flight information from the current availability response retrieved in the GDS. The following section details the fields available for each line of an availability that can be included in either the Text or HTML versions.

Field	Example Data	Special Field*	Notes
Arrival City Name	Sydney		
Arrival Country Code	AU		
Arrival Country Name	Australia		
Arrival Date	12-MAR-10		See notes on Dates/Times in Appendix A
Arrival Date Day Change	+2		
Arrival IATA Code	SYD		
Arrival IATA Code Decoded	Sydney Kingsford Smith		
Arrival Terminal	F		Amadeus Only
Arrival Time	13:45		See notes on Dates/Times in Appendix A
Classes Available	First		The decoder suite shows the CABINS available by referencing each airlines Class Codes and cross relating them to the Premium First, First, Business, Premium Economy and Economy cabins they belong to
Code Share Indicator	*		Amadeus Only
Code Share Operated Flight	Yes		Galileo Only
Code Share Vendor Code	BA		Amadeus Only
Code Share Vendor Name	British Airways		Amadeus Only
Departure City Name	London		
Departure Country Code	GB		
Departure Country Name	United Kingdom		
Departure Date	12-MAR-10		See notes on Dates/Times in Appendix A
Departure Date Day Change	+1		Amadeus Only, on Galileo a change to the date is reflected in the Departure Date
Departure IATA Code	LHR		
Departure IATA Code Decoded	Heathrow		
Departure Terminal	4F		Amadeus Only
Departure Time	09:50		See notes on Dates/Times in Appendix A
Equipment Code	744		
Equipment Decoded	Boeing 747 400 Series		
Flight Number	123		
Flight Vendor Code	QF		
Flight Vendor Name	Qantas		

* Special Field is generally related to additional Direct Sell or Passive Segment options that can be entered into the GDS

Ground Transfer Required	Y		Galileo Only, indicates that Ground Transfer is required between flights (such as arriving at International Airport and transfer to Domestic Airport for onward journey)
Journey Time	23:15		On Galileo - this is ONLY available when staff use AJ entry
Line Number	1,2,3 etc		
Number Of Stops	1		

Time Table Decoder

The Availability Decoder extracts flight information from the current Time Table response retrieved in the GDS. The following section details the fields available for each line of an time table that can be included in either the Text or HTML versions.

Field	Example Data	Special Field*	Notes
Arrival City Name	Sydney		
Arrival Country Code	AU		
Arrival Country Name	Australia		
Arrival Date Day Change	+2		Amadeus Only
Arrival IATA Code	SYD		
Arrival IATA Code Decoded	Sydney Kingsford Smith		
Arrival Terminal	F		Amadeus Only
Arrival Time	13:45		See notes on Dates/Times in Appendix A
Code Share Indicator	*		Amadeus Only
Code Share Operated Flight	Yes		Galileo Only
Code Share Vendor Code	BA		Amadeus Only
Code Share Vendor Name	British Airways		Amadeus Only
Departure City Name	London		
Departure Country Code	GB		
Departure Country Name	United Kingdom		
Departure Date Day Change	+1		Amadeus Only
Departure IATA Code	LHR		
Departure IATA Code Decoded	Heathrow		
Departure Terminal	4F		Amadeus Only
Departure Time	09:50		See notes on Dates/Times in Appendix A
Equipment Code	744		
Equipment Decoded	Boeing 747 400 Series		
Flight Number	123		
Flight Vendor Code	QF		
Flight Vendor Name	Qantas		
Frequency	MTW FSS		Indicates the frequency of the flight on each week day, so in this example the flight does not operate on a Thursday
Journey Time	23:15		Amadeus Only
Line Number	1,2,3 etc		
Number Of Stops	1		
Season End Date	15-SEP-10		See notes on Dates/Times in Appendix A
Season Start Date	12-MAR-10		See notes on Dates/Times in Appendix A


* Special Field is generally related to additional Direct Sell or Passive Segment options that can be entered into the GDS

Shopping Decoder

The Shopping Decoder extracts flight and fare information from the current Shopping response retrieved in the GDS. The system automatically scrolls through the response to ensure all relevant Fare options are captured. The following section details the fields available for each fare/flight options that can be included in either the Text or HTML versions.

Field	Example Data	Special Field*	Notes
Arrival City Name	Sydney		
Arrival Country Code	AU		
Arrival Country Name	Australia		
Arrival Date	12-MAR-10		See notes on Dates/Times in Appendix A
Arrival Date Day Change	+2		Amadeus Only
Arrival IATA Code	SYD		
Arrival IATA Code Decoded	Sydney Kingsford Smith		
Arrival Terminal	F		Amadeus Only
Arrival Time	13:45		See notes on Dates/Times in Appendix A
Booking Cabin Name	ECONOMY		Such as Premium First, First, Business, Premium Economy, Economy
Booking Class	M		
Booking Class Name	LEISURE TRAVELLER		
Code Share Indicator	*		Amadeus Only
Code Share Operated Flight	Yes		Galileo Only
Code Share Vendor Code	BA		Amadeus Only
Code Share Vendor Name	British Airways		Amadeus Only
Departure City Name	London		
Departure Country Code	GB		
Departure Country Name	United Kingdom		
Departure Date	12-MAR-10		See notes on Dates/Times in Appendix A
Departure Date Day Change	+1		Amadeus Only
Departure IATA Code	LHR		
Departure IATA Code Decoded	Heathrow		
Departure Terminal	4F		Amadeus Only
Departure Time	09:50		See notes on Dates/Times in Appendix A
Equipment Code	744		
Equipment Decoded	Boeing 747 400 Series		
Fare Amount	1239		
Fare Basis	Y2F		Galileo Only
Fare Currency	GBP		
Fare Type	Private Fare		Galileo Only

* Special Field is generally related to additional Direct Sell or Passive Segment options that can be entered into the GDS

Flight Number	123		
Flight Vendor Code	QF		
Flight Vendor Name	Qantas		
Journey Time	23:15		Amadeus Only
Line / Option Number	1,2,3 etc		
Number Of Stops	1		
Private Fare			Galileo Only (used to indicate a private fare has been found, Agent has ability to over type the fare amount after pasting into email/document. The star icon can be selected and deleted before sending email if desired.

Appendix A - Date and Time Formats

For all Date and Time fields, Navitas Solutions is able to format the data in a wide number of formats, some examples are shown below:

Date Examples	Time Examples
28/10/2011	3:51:24 PM
28-10-2011	3:51p
28.10.2011	15:51:24
28 Apr 2001	09:50
Tue, April 10, 2001	9:50a
Tuesday April 10 2001	04:17 GMT
April 10	05:13 GMT +10:00
10 April	
April, 2001	
2001-04-10	

Dates and Times can be shown in a combination of any of the above in the same column if required

- 20-10-2001 15:41
- Tue, April 10 2001 - 15:52

We are also able to insert specific characters or formatting to ensure layout consistency

- Tuesday {*carriage return*}
20 April 2001
- Tuesday 20th April 2001 at 10:05
- 10:05 on Tue, 20th April

Appendix B - Example Formats

Itinerary Decoder : Default Format HTML

Booking Reference: L640QM
Passenger Names: MISS EMMA SMITH

Flights

Item	Airline	Flt Num	Class	Depart	From	To	Arrive	Stops	Seats	Aircraft Type	Operated By	Flt Time	Vendor Locator
1	British Airways	BA117	WORLD TRAVELLER	Sat 12-Jun-10 08:55	Heathrow, London from Terminal 5	John F Kennedy Intl, New York City arrive Terminal 7	Sat 12-Jun-10 11:20	0		Boeing 747-400		7 h 40 m	
4	British Airways	BA178	WORLD TRAVELLER	Thu 17-Jun-10 08:40	John F Kennedy Intl, New York City from Terminal 7	Heathrow, London arrive Terminal 5	Thu 17-Jun-10 20:35	0		Boeing 747-400		6 h 55 m	

Fares

Segments	Total Fare
1.4	GBP1172.17

Hotels

Item	Hotel Chain	Hotel Name	City	Check In Date	Check Out Date	Rooms	Rate	Conf Num
3	Holiday Inn	HOLIDAY INN	New York City	Sat 12-Jun-10	Thu 17-Jun-10	1	199.00USD	66472177

Cars

Item	Company	Car Type	City	Pick Up Date	Drop Off Date	Cars	Conf Num
2	Hertz	Economy	New York City	Sat 12-Jun-10 11:35	Thu 17-Jun-10 07:40	1	E657A5605D6

Itinerary Decoder : Default Format Text

Booking Reference : L640QM

Passenger(s):

Name: MISS EMMA SMITH

Flights:

Item: 1

Airline: British Airways

Flt Num: BA117

Class: WORLD TRAVELLER

Depart: 12-Jun-10 08:55

From: Heathrow, London

To: John F Kennedy Intl, New York City

Arrive: 12-Jun-10 11:20

Aircraft: Boeing 747-400

Operated By:

Flt Time: 7:40

Vendor Locator:

Item: 4

Airline: British Airways

Flt Num: BA178

Class: WORLD TRAVELLER

Depart: 17-Jun-10 08:40

From: John F Kennedy Intl, New York City

To: Heathrow, London

Arrive: 17-Jun-10 20:35

Aircraft: Boeing 747-400

Operated By:

Flt Time: 6:55

Vendor Locator:

Fares:

Segments: 1.4 Fare: GBP1172.17

Hotels:

Item: 3

Chain: Holiday Inn

Name: HOLIDAY INN, New York City

Check In: 12-Jun-10

Check Out: 17-Jun-10

Rooms: 1

Conf Num: 66472177

Cars:

Item: 2

Company: Hertz, New York City

Car Type: Economy

Pick Up Date: 12-Jun-10 11:35

Drop Off Date: 17-Jun-10 07:40

Cars: 1

Conf Num: E657A5605D6

Availability Decoder : Default Format HTML

Thursday, 23 September 2010									
Vendor	Flight Num	From	To	Depart	Arrive	Stops	Cabins Available	Code Share	Aircraft
Qantas Airways	QF 32	Heathrow	Sydney Kingsford Smith Arpt	23Sep 12:15	24Sep 19:05	1	Premium Economy Business First		Airbus Industrie A380-800
British Airways	BA 7372	Heathrow	Sydney Kingsford Smith Arpt	23Sep 12:15	24Sep 19:05	1	Business First Premium Economy Economy	YES	Airbus Industrie A380-800
Virgin Atlantic Airways Ltd.	VS 200	Heathrow	Sydney Kingsford Smith Arpt	23Sep 22:30	25Sep 06:35	1	Premium Economy Business		Airbus Industrie A340-600
British Airways	BA 7312	Heathrow	Sydney Kingsford Smith Arpt	23Sep 22:15	25Sep 05:30	1	Business First Economy	YES	Boeing 747-400
Qantas Airways	QF 2	Heathrow	Sydney Kingsford Smith Arpt	23Sep 22:15	25Sep 05:30	1	Premium Economy Business First		Boeing 747-400
British Airways	BA 15	Heathrow	Sydney Kingsford Smith Arpt	23Sep 21:35	25Sep 05:15	1	Business Premium Economy First		Boeing 777-200/300
Qantas Airways	QF 320	Heathrow	Sydney Kingsford Smith Arpt	23Sep 21:35	25Sep 05:15	1	Business Economy First	YES	Boeing 777-200/300
British Airways	BA 9	Heathrow	Sydney Kingsford Smith Arpt	23Sep 22:00	25Sep 06:05	1	Business Premium Economy First		Boeing 747-400

Availability Decoder : Default Format Text

Thursday, 23 September 2010

Vendor: Qantas Airways
Flt Num: QF 32
From: Heathrow
To: Sydney Kingsford Smith Arpt
Depart: 23Sep 12:15
Arrive: 24Sep 19:05
Stops: 1
Code Share:
Aircraft:Airbus Industrie A380-800
Cabins Available:
Premium Economy
Business
First

Vendor: British Airways
Flt Num: BA7372
From: Heathrow
To: Sydney Kingsford Smith Arpt
Depart: 23Sep 12:15
Arrive: 24Sep 19:05
Stops: 1
Code Share: YES
Aircraft:Airbus Industrie A380-800
Cabins Available:
Business
First
Premium Economy
Economy

Vendor: Virgin Atlantic Airways Ltd.
Flt Num: VS 200
From: Heathrow
To: Sydney Kingsford Smith Arpt
Depart: 23Sep 22:30
Arrive: 25Sep 06:35
Stops: 1
Code Share:
Aircraft:Airbus Industrie A340-600
Cabins Available:
Premium Economy
Business

etc...

Time Table Decoder : Default Format HTML

London (LHR) - Los Angeles (LAX)									
Start Date	End Date	Vendor	Flt Num	Depart	Arrive	MTWTFSS	Stops	Code Share	Aircraft
28-OCT-10	30-OCT-10	British Airways	279	09:55	12:55	YYYYYYY	0		Boeing 747-400
28-OCT-10	30-OCT-10	Continental Airlines	6063	10:05	13:22	YYYYYYY	0	YES	Boeing 777-200/300
28-OCT-10	30-OCT-10	Air New Zealand	9835	10:05	13:22	YYYYYYY	0	YES	Boeing 777-200/300
28-OCT-10	30-OCT-10	Turkish Airlines	8695	10:05	13:22	YYYYYYY	0	YES	Boeing 777-200/300
28-OCT-10	30-OCT-10	United Airlines Inc	935	10:05	13:22	YYYYYYY	0		Boeing 777-200/300
28-OCT-10	30-OCT-10	Bmi British Midland	4455	10:05	13:22	YYYYYYY	0	YES	Boeing 777-200/300
07-NOV-10	24-NOV-10	British Airways	279	10:15	13:25	YYYYYYY	0		Boeing 747-400
31-OCT-10	06-NOV-10	British Airways	279	10:15	14:25	YYYYYYY	0		Boeing 747-400
07-NOV-10	24-NOV-10	United Airlines Inc	935	10:35	13:49	YYYYYYY	0		Boeing 777-200/300
07-NOV-10	24-NOV-10	Turkish Airlines	8695	10:35	13:49	YYYYYYY	0	YES	Boeing 777-200/300
07-NOV-10	24-NOV-10	Bmi British Midland	4455	10:35	13:49	YYYYYYY	0	YES	Boeing 777-200/300
07-NOV-10	24-NOV-10	Air New Zealand	9835	10:35	13:49	YYYYYYY	0	YES	Boeing 777-200/300

Time Table Decoder : Default Format Text

London (LHR) - Los Angeles (LAX)

Start Date: 28-OCT-10
End Date: 30-OCT-10
Vendor: British Airways
Flt Num: 279
Depart: 09:55
Arrive: 12:55
MTWTFSS: YYYYYYY
Stops: 0
Code Share:
Aircraft: Boeing 747-400

Start Date: 28-OCT-10
End Date: 30-OCT-10
Vendor: Continental Airlines
Flt Num: 6063
Depart: 10:05
Arrive: 13:22
MTWTFSS: YYYYYYY
Stops: 0
Code Share: YES
Aircraft: Boeing 777-200/300

Start Date: 28-OCT-10
End Date: 30-OCT-10
Vendor: Air New Zealand
Flt Num: 9835
Depart: 10:05
Arrive: 13:22
MTWTFSS: YYYYYYY
Stops: 0
Code Share: YES
Aircraft: Boeing 777-200/300

Start Date: 28-OCT-10
End Date: 30-OCT-10
Vendor: Turkish Airlines
Flt Num: 8695
Depart: 10:05
Arrive: 13:22
MTWTFSS: YYYYYYY
Stops: 0
Code Share: YES
Aircraft: Boeing 777-200/300

etc.....

Shopping Decoder : Default Format HTML

Price Option 1										GBP 990.37
Depart Date	Vendor	Flt Num	From	To	Num Stops	Depart Time	Arrive Time	Class	CodeShare	Aircraft
12-AUG-10	Qantas Airways	QF32	Heathrow, London	Sydney Kingsford Smith Arpt, Sydney	1	12:15	19:05+1	ECONOMY		Airbus Industrie A380-800
20-AUG-10	Qantas Airways	QF1	Sydney Kingsford Smith Arpt, Sydney	Heathrow, London	1	17:00	07:00+1	ECONOMY		Boeing 747-400

Price Option 2										GBP 990.37
Depart Date	Vendor	Flt Num	From	To	Num Stops	Depart Time	Arrive Time	Class	CodeShare	Aircraft
12-AUG-10	British Airways	BA7372	Heathrow, London	Sydney Kingsford Smith Arpt, Sydney	1	12:15	19:05+1	LEISURE TRAVELLER	YES	Airbus Industrie A380-800
20-AUG-10	British Airways	BA7311	Sydney Kingsford Smith Arpt, Sydney	Heathrow, London	1	17:00	07:00+1	LEISURE TRAVELLER	YES	Boeing 747-400

Price Option 3										GBP 1017.37
Depart Date	Vendor	Flt Num	From	To	Num Stops	Depart Time	Arrive Time	Class	CodeShare	Aircraft
12-AUG-10	Qantas Airways	QF2	Heathrow, London	Sydney Kingsford Smith Arpt, Sydney	1	22:15	05:30+2	ECONOMY		Boeing 747-400
20-AUG-10	Qantas Airways	QF301	Sydney Kingsford Smith Arpt, Sydney	Heathrow, London	1	16:40	06:25+1	ECONOMY	YES	Boeing 747-400

Price Option 4										GBP 1017.37
Depart Date	Vendor	Flt Num	From	To	Num Stops	Depart Time	Arrive Time	Class	CodeShare	Aircraft
12-AUG-10	Virgin Atlantic Airways Ltd.	VS200	Heathrow, London	Sydney Kingsford Smith Arpt, Sydney	1	22:30	06:35+2	ECONOMY		Airbus Industrie A340-600
20-AUG-10	Virgin Atlantic Airways Ltd.	VS201	Sydney Kingsford Smith Arpt, Sydney	Heathrow, London	1	14:25	05:25+1	ECONOMY		Airbus Industrie A340-600

Price Option 5										GBP 1018.37
Depart Date	Vendor	Flt Num	From	To	Num Stops	Depart Time	Arrive Time	Class	CodeShare	Aircraft
12-AUG-10	British Airways	BA7372	Heathrow, London	Sydney Kingsford Smith Arpt, Sydney	1	12:15	19:05+1	LEISURE TRAVELLER	YES	Airbus Industrie A380-800
20-AUG-10	British Airways	BA10	Sydney Kingsford Smith Arpt, Sydney	Heathrow, London	1	16:40	06:25+1	LEISURE TRAVELLER		Boeing 747-400

Shopping Decoder : Default Format Text

Pricing Option 1: GBP 990.37

Date: 12-AUG-10
Vendor: Qantas Airways
Flt Num: QF32
From: Heathrow, London
To: Sydney Kingsford Smith Arpt, Sydney
Num Stops: 1
Depart Time: 12:15
Arrival Time: 19:05+1
Class: ECONOMY
CodeShare:
Aircraft: Airbus Industrie A380-800

Date: 20-AUG-10
Vendor: Qantas Airways
Flt Num: QF1
From: Sydney Kingsford Smith Arpt, Sydney
To: Heathrow, London
Num Stops: 1
Depart Time: 17:00
Arrival Time: 07:00+1
Class: ECONOMY
CodeShare:
Aircraft: Boeing 747-400

Pricing Option 2: GBP 990.37

Date: 12-AUG-10
Vendor: British Airways
Flt Num: BA7372
From: Heathrow, London
To: Sydney Kingsford Smith Arpt, Sydney
Num Stops: 1
Depart Time: 12:15
Arrival Time: 19:05+1
Class: LEISURE TRAVELLER
CodeShare: YES
Aircraft: Airbus Industrie A380-800

Date: 20-AUG-10
Vendor: British Airways
Flt Num: BA7311
From: Sydney Kingsford Smith Arpt, Sydney
To: Heathrow, London
Num Stops: 1
Depart Time: 17:00
Arrival Time: 07:00+1
Class: LEISURE TRAVELLER
CodeShare: YES
Aircraft: Boeing 747-400

etc...

Itinerary Decoder : Customisation Examples

Mr Paul Toomey

British Airways - BA304 (Holding Confirmed)



Heathrow, London

at 07:25 on Thursday, 23 September 2010

from Terminal 5



Charles De Gaulle Intl Arpt, Paris

at 09:40 on Thursday, 23 September 2010

to Terminal 2A



0 Stops, taking 1h15m

on a Airbus Industrie A320-100/200

in World Traveller Class (Economy)

British Airways - BA303 (Holding Confirmed)



Charles De Gaulle Intl Arpt, Paris

at 07:35 on Sunday, 3 October 2010

from Terminal 2A



Heathrow, London

at 07:55 on Sunday, 3 October 2010

to Terminal 5



0 Stops, taking 1h20m

on a Airbus Industrie A321

in World Traveller Class (Economy)

Ramada Inn (Holding Confirmed)



Ramada, Manchester

Check In on 24 March 2010

Check Out on 25 March 2010



1 Main St, Manchester, MA1 1AA

1 room for 1 night as GBP48.00 p/n

Confirmation Number is 45FG5544

Avis Rent-A-Car (Holding Confirmed)



Economy Car

Pick Up on 24 March 2010





Drop Off on 25 March 2010



Collect at Manchester Airport

1 car for 3 days at GBP45.00 per day

Confirmation Number is 45FG5544

Passenger Details						
MR PAUL TOOMEY						
Your Flights						
Saturday 23 January 2016						
	08:20 23 Jan	11:00 23 Jan	Heathrow (London)	John F Kennedy Intl (New York)	BA117 British Airways	WORLD TRAVELLER
Saturday 30 January 2016						
	18:30 30 Jan	06:20 31 Jan	John F Kennedy Intl (New York)	Heathrow (London)	BA112 British Airways	WORLD TRAVELLER
Your Hotels						
Saturday 23 January 2016						
	Check In	Check Out	Location	Hotel Name	Confirmation No	Est. Total Cost
	23 Jan	29 Jan	New York	Hilton NEW YORK HILTON MIDTOWN	3190638879	USD1253.42
Your Cars						
Thursday 23 June 2016						
	Pick Up	Drop Off	Location	Company / Car Type	Confirmation No	Est. Total Cost
	23 Jun	30 Jun	New York	National Compact	488455319COUNT	USD405.10