

Travelport Worldspan DIR - Car Message Enhancement Support Rates with Multiple Decimal Points

Developer Advisory number:	592				
Version:	01				
Load to production:	08-Dec-15	23:00	EST	04:00	GMT
High level description:	Some countries/locations utilize a multiple decimal point currency. D.I.R. car messages will change from a fixed length to a variable length to allow future changes without impact as this enhancement requires development changes.				
Impact summary:	D.I.R. Car data with amount values will be impacted with a size change.				
Reason for issue:	First Notification				
Customer impact:	<input type="checkbox"/>	Internal only	<input type="checkbox"/>	Developers	
	<input checked="" type="checkbox"/>	Agency customers	<input type="checkbox"/>	Airline customers	
	<input checked="" type="checkbox"/>	eCommerce customers	<input type="checkbox"/>	Car, hotel, rail or cruise customers	
System:	<input type="checkbox"/>	Travelport Galileo	<input type="checkbox"/>	ACH	
	<input type="checkbox"/>	Travelport Apollo	<input type="checkbox"/>	RCH	
	<input checked="" type="checkbox"/>	Travelport Worldspan	<input type="checkbox"/>	Travelport Rooms and More	
	<input type="checkbox"/>	AXESS	<input type="checkbox"/>	Merchandising	
Load to copy:	14-Jul-15	19:00	EDT	Midnight (15-Jul)	BST
Web services: (API and messaging)	D.I.R. Car data with amount values will be impacted with a size change.				
Issue history:	Version 01				

Overview

D.I.R. Car response message values will increase in size due to currencies with multiple decimal points included in the amount, the current 2 decimal place for the amount field will be enhanced to have 3 decimals whenever Car supplier returns. D.I.R. car messages will change from a fixed length to a variable length to allow future changes without impact.

Customer benefit

- Accurate currency decimal point placement.

Detail and customer examples

The following D.I.R. Car Message Items Changed in Size:

Rate Breakdown

Example of Current Base Rate:

VRD.C.PD.RBA.RB.RF Rate Breakdown Fixed Information

Description	Data type	Size
Rate Type Indicator H – Hourly W – Weekend D – Daily Y – Extra Day X – Weekly R – Extra Hour M – Monthly K – Extra Week	Switch	1
Amount of Time Ex- Two days at 64.99 per day 129.98 (This example the time value will be a 02)	Numeric	2
Base Rate for this Line Ex- Two days at 64.99 per day 129.98 (This example the Base Rate value will be a 64.99)	Alpha-numeric	9

Enhancement changing “Base Rate” to **Variable** length to allow future expansion of this data.

VRD.C.PD.RBA.RB.RF Rate Breakdown Fixed Information

Description	Data type	Size
Rate Type Indicator H – Hourly W – Weekend D – Daily Y – Extra Day X – Weekly R – Extra Hour M – Monthly K – Extra Week	Switch	1
Amount of Time Ex- Two days at 6.499 per day 12.998 (This example the time value will be a 02)	Numeric	2
Base Rate for this Line Ex- Two days at 6.499 per day 12.998 (This example the Base Rate value will be a 6.499)	Alpha-numeric	—

Drop Charge

Example of Current Drop Charge:

VRD.C.DC Drop Charge

Description	Data type	Size
Drop Charge	FL alphanumeric	9

Enhancement changing “Drop Charge” to **Variable** length to allow future expansion or changes of this data.

VRD.C.DC Drop Charge

Description	Data type	Size
Drop Charge	FL alphanumeric	—

The following table is included to demonstrate the current data is variable length and will accommodate this decimal placement enhancement.

Car Availability		
Nodes	Description	Defined as VL/FIXED
VA.CC.CA.C.PD.NCP	Non-Converted Price	VL – Variable Length
VA.CC.CA.C.PD.P	Price Data	VL – Variable Length
VA.CC.CA.C.PD.TNCP	Total Non-Converted Price	VL – Variable Length
VA.CC.CA.C.PD.TR	Total Rate	VL – Variable Length
VA.CC.CA.C.PD.TBR	Total Base Rate	VL – Variable Length
VA.CC.CA.C.PD.CTBR	Converted Total Base Rate	VL – Variable Length
VA.CC.CA.C.PD.DCCC	Drop Charge Country Currency	VL – Variable Length
VA.CC.CA.C.PD.DC	Drop Charge	VL – Variable Length
Car Rule		
VRD.C.PD.TR	Total Rate	VL – Variable Length
VRD.C.PD.BR	Base Rate	VL – Variable Length
VRD.C.PD.DIS	Discount	VL – Variable Length
VRD.C.PD.TDIS	Total Discount	VL – Variable Length
VRD.C.PD.MRT	Mandatory Charge Total	VL – Variable Length
VRD.C.PD.MCA.MC.MCR	Mandatory Charge Rate	VL – Variable Length
VRD.C.PD.OCA.OC.OCR	Optional Charge Rate	VL – Variable Length
VRD.C.SEA.SC.SCR	Special Equipment Charge Rate	VL – Variable Length
VRD.C.PD.CCA.CC.CCR	Conditional Charge Rate	VL – Variable Length
VRD.C.DP.F	Deposit Amount	VL – Variable Length
VRD.C.PCA.PC	Price Category	VL – Variable Length
Car Sell (Within PNR)		
PNR.IA.B12.DC	PNR Car Segment – Drop Charge	VL – Variable Length
PNR.IA.B12.RG	PNR Car Segment – Rate Guarantee	VL – Variable Length

Glossary

Term	Definition
D.I.R.	Data Interface Record – Worldspan Messaging Product

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