Travelport

Ticketing Changes for 99 Taxes

Product Advisory Number: 588	Version: **2.0**		Effective Date: 09DEC2008		
High Level Description	Receive and process of a maximum of 99 paid and 99 unpaid taxes in an Edifact E-ticket message as mandated by IATA/ATA.				
Impact Summary	• E-ticket Edifact Messaging to/from Hosted Carriers • Worldspan built ETR Displays				
Reason For Issue	First Notification				
Customer Impact	N	Internal Only			
	Y	Subscribers			
	N	Developers *			
	Y	Air Suppliers - E-ticket database subscribers			
	N	Surface Suppliers			
System	N	Galileo	N	Apollo	Y	Worldspan
Product Area	Y	Host Function			
	N	Desktop			
	N	Fares			
	N	Web Services (API and Messaging) *			
	N	Galileo Fares Interface (ATO/CTO)			
	Y	Hosting			
Load to Production	09DEC2008				
Load to Copy	18AUG2008				
* Additional Information					
Web Services (API and Messaging)	Not Applicable				

OVERVIEW

Worldspan will receive and process of a maximum of 99 paid and 99 unpaid taxes in an Edifact E-ticket database as mandated by IATA/ATA.

CUSTOMER BENEFIT

• Clearly identify paid taxes in IATA Exchange transactions
• Prepare for Industry Mandates

DETAIL AND CUSTOMER EXAMPLES

Terminal Display Changes

1. Identify Paid Taxes

Applicable to: 1P IATA Agencies, Meridian carriers, Hosted ETDB carriers using GoRes

Worldspan will modify the display of fare breakdown data within the ETR View Ticket Data section of an IATA Electronic Exchange Ticket Record display to identify paid taxes by placing the single character 'P' at the end of the tax amount. No character will follow the unpaid taxes.

Example - paid tax on line 07

```
                    1         2         3         4         5         6
          1234567890123456789012345678901234567890123456789012345678901234
01 |                    **FARE BREAKDOWN/FOP/TOUR CODE**
02 |
03 | *TKT FARE DATA*         *AUDITOR*
04 |  BASE:GBP  1950.00    BASE:GBP  1950.00
05 |   TAX: GB    20.00     TAX: GB    20.00
06 |   TAX: XT    95.45     TAX: XT    95.45
07 |   TAX: GB    20.00P    TAX: GB    20.00P
08 |   TTL:GBP  432.12A     TTL:GBP  432.12A
09 |
10 |
11 |
12 |
13 |
14 |
15 |
```

Note - Taxes will be displayed in the order they are received from the carrier.

2. Display More than 3 taxes

Applicable to: 1P Agencies, Meridian carriers, Hosted ETDB carriers using GoRes

Worldspan will modify the display of fare breakdown data within the ETR View Ticket Data section of an Electronic Ticket Record display to list all applicable taxes and not just the first three. The number of taxes is variable and can be from a minimum of one to a maximum of 198. Multiple screens may be required to view all of the taxes and fare breakdown.

Example -

```
                1         2         3         4         5         6
       1234567890123456789012345678901234567890123456789012345678901234
01
02   | FARE CALCULATION:                      FARE CALC INDICATOR: 1 ¬
03   | LON UA X/CHI UA MIA 900.47UA FRA UA LON M3036.58NUC3937.05 END ¬
04   | ROE.495294
05   |
06   |                   **FARE BREAKDOWN/FOP/TOUR CODE**¬
07   | ¬
08   | *TKT FARE DATA*          *AUDITOR*                      ¬
09   |  BASE:GBP  1950.00    BASE:GBP  1950.00                     ¬
10   |   TAX: GB    20.00     TAX: GB    20.00
11   |   TAX: UB     7.15     TAX: UB     7.15
12   |   TAX: YQ    81.00     TAX: YQ    81.00
13   |   TAX: YC     2.70     TAX: YC     2.70
14   |   TAX: DE     4.60     TAX: DE     4.60
15   | )>
```

New Functionality –Hosted Carrier E-ticket EDIFACT Messaging

Applicable to: Meridian carriers with ETDBs, Hosted ETDB carriers

Worldspan will modify e-ticket Edifact message handling to/from hosted E-ticket Database carriers to support the following industry mandates:

1. **New Tax Category/Qualifier Codes**

   The e-ticket database will accept, store and process the following new tax category/qualifier codes in the TXD segment, data element 5305. Up to 99 taxes may be transmitted per TXD segment. However, XT taxes should <u>not</u> be transmitted within these type of TXD segments.

Category/Qualifier Code	Description
706	New taxes
707	Paid taxes associated to an IATA Exchange transaction
708	New taxes associated to an IATA Exchange transaction

   Examples- New Issue:
   ```
   TXD+706+2.50:::XA+14.50:::UB+5.00:::YC+6.00:::XY
   ```

   Example – Exchange/Reissue Transaction
   ```
   TXD+707+2.50:::XA+14.50:::UB+5.00:::YC+6.00:::XY
   TXD+708+2.50:::AY+4.50:::XF+17.37:::US+3.00:::ZP
   ```

2. **Tax Currency Code**

   The e-ticket database will accept, store and process the currency code associated to a tax when transmitted in the TXD segment, data element 6345.

   Example:
   ```
   TXD+706+5.00::USD:YC+6.00::USD:XY+25.60::USD:US+3.00::USD:XA+16.84::USD:SW
   +3.00::USD:XF
   ```

3. **Create Alternate TXD and IFT Segments**

When Worldspan receives an e-ticket transaction to store in a hosted carrier ETDB, Worldspan will interrogate the message to see if more than three taxes are present in any of the TXD segment(s).

- If no, Worldspan will store the Tax (TXDs) and Fare Calculation (IFT 4:15) data as received and continue with existing processing.

- If yes, Worldspan will store the Tax (TXD) and Fare Calculation (IFT 4:15) data as received. In addition, Worldspan will internally build a second set of Taxes (TXDs) and a second Fare Calculation (IFT 4:15) segment in an XT format and store them internally within the ETR for use when handling subsequent queries on the ETR.

  Processing will involve the following actions:

  ➢ Bundling Third and beyond taxes in to an XT tax

  ➢ Converting tax qualifier 706 to blank/no qualifier

  ➢ Converting tax qualifier 707 to 701

  ➢ Converting tax qualifier 708 to 700

  ➢ Adding XT breakdown(s) to the end of the fare calculation segment (IFT 4:15). Unpaid XT tax breakdown listed first followed by characters 'PD' and then paid XT tax breakdown.

Note- This functionality will be controlled by a Partition level check and will be loaded into all partitions that house E-ticket databases. Each partition owner will notify Worldspan when they want the indicator turned off and no longer require internally created XT formatted segments to be created.

4. **Create New Miscellaneous CRT Indicator**

Worldspan will create a new CRT Miscellaneous Indicator to control the format and number of taxes to be transmitted by Worldspan in outbound Interline e-ticket Edifact messages. This indicator will be set to the default value of 'NO' for all carriers (host and interline) within all partitions to preserve current XT tax functionality.

When a host or interline carrier is prepared to receive >3 taxes, they may request this indicator to be changed to YES.

Example: >4G/ETK-CRT (option D)

```
     ELECTRONIC TICKET CONTROL RELEASE TABLE
CARRIER ID xx                                    >4BMASK
ACTION(R)   R/RETURN   T/AUDIT TRAIL
ELIGIBILITY C     ALL DOMESTIC   N     ALL INTERNATIONAL  Y
BULK OPTION Y     OPEN SEGMENTS  Y     PASSIVE SEGMENTS   Y
TOUR OPTION Y     RECORD LOCATOR N     SEGMENT MAXIMUM   16
GROUP PNR   Y     TKT US LAP INF N     NAME MAXIMUM      98
INTERLINE   Y     99 TAXES       N
FOID        N     SEND CONTROL DAYS 000 HOURS 072
PTC
 ¬
```

5. **Edit '99 Tax' Miscellaneous CRT Indicator**

Worldspan will edit the '99 Tax' indicator before generating any of the following Interline messages:

- **Unsolicited Airport Control (UAC) Request**

  If Yes – Worldspan will build the request message with the prime/original TXD and IFT 4:15 segments and not the alternate XT formatted segments.

  If No – Worldspan will build the request message using the alternate XT formatted TXDs and IFT 4:15 segments if they are present in the ETR. Otherwise, will return the prime/original TXD and IFT 4:15 segments.

- **Request Airport Control (RAC) Response**

If Yes – Worldspan will build the request message with the prime/original TXD and IFT 4:15 segments and not the alternate XT formatted segments.

If No – Worldspan will build the request message using the alternate XT formatted TXDs and IFT 4:15 segments if they are present in the ETR. Otherwise, will return the prime/original TXD and IFT 4:15 segments.

- **Display Response**
  - ➢ If Yes – Worldspan will build the reply message with the prime/original TXD and IFT 4:15 segments and not the alternate XT formatted segments.

  - ➢ If No – Worldspan will build the reply message using the alternate XT formatted TXDs and IFT 4:15 segments if they are present in the ETR. Otherwise, will return the prime/original TXD and IFT 4:15 segments.

  - ➢ If No CRT (in the case of GDSs) - Worldspan will build the reply message with the prime/original TXD and IFT 4:15 segments and not the alternate XT formatted segments.

Example 1 – Issue Request

> CRT 99 Tax Setting:
> Validating Carrier - NO
> All Interline Carriers' - NO

Inbound GDS Issue Request - contained the following TXD data and was stored in the prime TXD field in the validating carrier ETDB as:

```
TXD+706+5.00::USD:YC+6.00::USD:XY+25.60::USD:US+3.00::USD:XA+16.84::USD:SW
```

Outbound UAC request, RAC response, Display response message generated by Worldspan ETDB to the Interline carriers will be transmitted with the Alternate TXD/IFT data:

```
TXD++5.00::USD:YC+6.00::USD:XY+45.44::USD:XT
IFT 4:15 everything from sent IFT 4:15 plus  XT 25.60US 3.00XA 16.84SW
```

Outbound Display response message generated by Worldspan ETDB to the Host carrier will be transmitted with the Alternate TXD/IFT data:

```
TXD++5.00::USD:YC+6.00::USD:XY+45.44::USD:XT
IFT 4:15 everything from sent IFT 4:15 plus  XT 25.60US 3.00XA 16.84SW
```

Outbound Display response message generated by Worldspan ETDB to Issuing GDS will be transmitted with the prime TXD/IFT data:

```
TXD+706+5.00::USD:YC+6.00::USD:XY+25.60::USD:US+3.00::USD:XA+16.84::USD:SW
```

Example 2 – UAC Request, RAC Response

> CRT 99 Tax Setting:
> Host Carrier - NO

Inbound UAC Request or RAC response - contained the following TXD data and was stored in the prime TXD field in the host carrier ETDB as:

```
TXD+706+5.00::USD:YC+6.00::USD:XY+25.60::USD:US+3.00::USD:XA+16.84::USD:SW
```

Outbound Display response message generated by Worldspan ETDB to the Host carrier will be transmitted with the Alternate TXD/IFT data:

```
TXD++5.00::USD:YC+6.00::USD:XY+45.44::USD:XT
IFT 4:15 everything from sent IFT 4:15 plus  XT 25.60US 3.00XA 16.84SW
```

Outbound Display response message generated by Worldspan ETDB to Issuing/Validating Carrier will be transmitted with the prime TXD/IFT data:

```
TXD+706+5.00::USD:YC+6.00::USD:XY+25.60::USD:US+3.00::USD:XA+16.84::USD:SW
```

Example 3 - IATA Exchange/Reissue Request

CRT 99 Tax Setting:
Validating Carrier - YES
All Interline Carriers' - NO

Inbound Host Exchange Request - contained the following TXD data and was stored in the prime TXD field in the host validating carrier ETDB as:

```
TXD+707+2.50:::XA+14.50:::UB+5.00:::YC+6.00:::XY
TXD+708+2.50:::AY+4.50:::YR+17.37:::US+3.00:::ZP
```

Outbound UAC request, RAC response, Display response message generated by Worldspan ETDB to the Interline carriers will be transmitted with the Alternate TXD/IFT data:

```
TXD+701+2.50:::XA+14.50:::UB+11.00:::XT
TXD+700+2.50:::AY+4.50:::YR+20.37:::XT
```

IFT 4:15 *everything from sent IFT 4:15 plus* `.XT 17.37US 3.00ZP PD 5.00YC 6.00XY`

Outbound Display response message generated by Worldspan ETDB to the Host validating carrier will be transmitted with the prime TXD/IFT data:

```
TXD+707+2.50:::XA+14.50:::UB+5.00:::YC+6.00:::XY
TXD+708+2.50:::AY+4.50:::YR+17.37:::US+3.00:::ZP
```

GLOSSARY

Term	Definition
CRT	Control Release Table
ETDB	E-ticket Database
ETR	Electronic Ticket Record