

MACHINEABLE INTERFACE RECORD

User Guide

September 30, 2025



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WHAT'S NEW

Travelport+ New option to include a Service Fee when issuing a Ticket

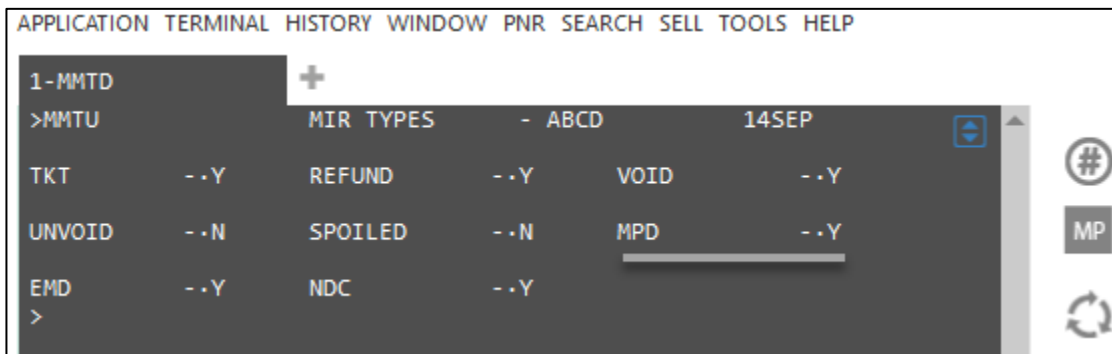
September 30, 2025

Travelport+ system will now be able to generate single invoice for Ticketing and Travel Agency Service fee (TASF). Users will be allowed to issue TASF along with Ticketing in a single input transaction and automatically interface with agency's back-office systems.

New MIR section [A32](#) has been introduced to transmit the TASF information in conjunction with the other sections of the Ticketing MIR.

This new section will be controlled through the existing switch in the MIR Type Table (MMTD). This table controls the MIR transmission for different document types.

The existing identifier **MPD** setting will control the A32 section transmission.



“MPD” is set to ‘Y’ or ‘S’ indicates a MIR A32 section will be delivered for combined Ticket-TASF transaction

“MPD” is set to ‘N’ or ‘M’ indicates a MIR A32 section will NOT be delivered for combined Ticket-TASF transaction

Refer to PA-4566 for examples. Log into the [support portal](#), then select the **Service Alerts** menu then **Advisories**.

Option to transmit secure notepad data to MIR

April 18, 2025

Travelport+ users currently have the option to securely store credit card information to a specific notepad remark and it is masked when the booking file is displayed.

If an agency sets the new [MIR options table](#) (MMOD) field *NP.F**REMARKS* to **Y**, the [A14](#) remarks section of MIR will be transmitted with the credit card information as it was entered in the secured section of the notepad. By default, this field is set to *N*. The MIR option table resides at the Pseudo City Code (PCC) level.

This information can be used by back office systems to reconcile non-air travel experiences.



Credit card information can be added to a secure section of notepad using the **NP.F**** entry. When the MIR option table has the *CC Masked* field set to **N**, the credit card data will be unmasked in the A14 section of the MIR.

Refer to PA-4513 for examples. Log into the [support portal](#), then select the **Service Alerts** menu then **Advisories**.

Option to transmit MIR in agency local date and time

November 16, 2024

New options in the Travelport+ [MIR option table](#) (MMOD) control the MIR transmission in the agency local date and time, instead of the default GMT (Greenwich Mean time). By default, the *Local Timestamp* setting is **N**, which will send the MIR transmission in GMT. When set to **Y**, the MIR is transmitted with the agency's local date and time.

Refer to PA-4476 for examples. Log into the [support portal](#), then select the **Service Alerts** menu then **Advisories**.

MIR Control Options for TASF, MCO and NDC

October 19, 2024

Travelport+ users can control the Machineable Interface Record (MIR) for Travel Agency Service Fee (TASF), Miscellaneous Charge Order (MCO), and New Distribution Capability (NDC) document types. Prior to this release, when the MIR type table MMTD had the MPD option set to **Y**, MIRs were issued for both MCOs and Service Fee documents. For a normalized NDC workflow, a MIR was automatically issued.

With this release, the [MIR Type Table](#) has been updated so that the existing identifier **MPD** includes additional values:

- **Y** indicates a MIR will be delivered for both MCO and TASF transactions.
- **N** indicates a MIR will not be delivered for both MCO and TASF transactions.
- **M** indicates a MIR will be delivered for only MCO transactions.
- **S** indicates a MIR will be delivered for only TASF transactions.

Additionally, the [MIR Type Table](#) has been updated with a new identifier **NDC**. The identifier **NDC** controls the MIR transmission for NDC transactions. The default settings will be **Y** (Yes) for the NDC identifier. If the identifier **NDC** is set to **Y** in the MMTD table, a MIR will be delivered for a NDC normalized workflow during issuance.

Refer to PA-4472 for examples. Log into the support portal, then select the **Service Alerts** menu then **Advisories**.

Manual Ticket Refund with Large Fare Amounts (Travelport+)

February 17, 2024



With this enhancement, users will be allowed to process refund for tickets issued with 10-digit fare amounts and 9-digit taxes.

The A23 Refund section of the Travelport+ MIR will be enhanced to include a new optional data identifier for Expanded Refund Taxes (ERT:) and corresponding fields for tax amount and tax code to transmit complete tax amounts.

Refer to [PA-4371](#) for examples.

Original Fare and Commission Information in Exchange MIR (Travelport+)

November 30, 2023

Travelport+ users will have an option to receive original ticket fare and commission amount associated with the ticket being exchanged in the Machineable Interface Record (MIR) A10 ticket exchange section.

The A10 (Ticket Exchange) section of the Travelport+ MIR will be enhanced to include a new optional data identifier for Original Amount (OA:) and corresponding fields for original total fare and commission amount of the ticket being exchanged.

Refer to PA-4358 for examples. Log into the support portal (https://travelportprod.service-now.com/mytravelport_support), then select the **Service Alerts** menu then **Advisories**.

Normalization of the NDC Order (Travelport+)

November 3, 2023

With this enhancement, NDC order will be updated to include a filed fare with ticket number, generate daily activity report and MIR for original book and modify workflow. This is the first step toward normalizing the NDC order to look and feel like traditional.

Header section of the Travelport+ MIR will be enhanced to include a new optional data identifier “**NDC:**” and associated data field will be added to the end of the Header section to indicate the NDC MIR.

Refer to PA-4325 for examples. Log into the support portal (https://travelportprod.service-now.com/mytravelport_support), then select the **Service Alerts** menu then **Advisories**.

Ticket Exchange with Large Fare Amounts

June 10, 2023

With this enhancement, users will be allowed to process exchange for tickets issued with 10-digit fare amounts and 9-digit taxes.

A10 (New Ticket Exchange) section of the Travelport+ MIR has been enhanced to include a new optional data identifier for *Expanded Paid Taxes (EP:)* and corresponding fields for tax amount and tax code to transmit complete tax amounts.

Travelport+ users can process an exchange for ticket issued with 10-digit fare amount and 9-digit taxes including a decimal point. A new optional MIR identifier for expanded individual tax identifier "EP:" has been



added to the A10 New Ticket Exchange section. Prior to this release, when users tried to process exchange for tickets originally issued with 10-digit fare amounts (including decimal), an error was returned: *EXCHANGE NOT ALLOWED – LARGE AMOUNT*.

The fare and taxes on the exchange screens (*EX & *TP) will be displayed with the least significant digit dropped if the fare is greater than 9 digits and taxes than 8. The least significant digit will be dropped for display purposes only, but the exchange will be calculated based on complete large fare and tax amounts.

The MIR Options table will allow the user with option to receive or not receive expanded tax breakdown under 'Expanded Tax' in the A10 section of the MIR. The new optional identifier in the section will be controlled by Yes/No (Y/N) indicators settings within the MIR Options table. This table is resident at the Pseudo City Code (PCC) level.

The default settings will be 'N' (No) for MIR Option 'EXPANDED TAX EXCH'. The agency has the option to receive either the new Expanded taxes of 9 digits, or existing individual tax breakdown (IT:) but not both.

If an agency has set up 'EXPANDED TAX EXCH' to 'Y' in the MIR Options Table (MMOD), the complete tax breakdown information of original paid taxes will be transmitted in the new optional identifier under A10 (New Ticket Exchange) section of the Travelport+ MIR.

If the option is set to 'N' in the MIR Options Table (MMOD), the new optional label for expanded taxes will not be transmitted in the Travelport + MIR and existing individual taxes breakdown (IT:) will be sent with the most significant digit dropped for 9-digit taxes.

Passenger-specific commission

October 29, 2022

Two new optional data identifiers *Passenger Commission Rate (PCR:)* and *Passenger Commission Amount (PCA:)* and corresponding data field commission rate and commission amount have been added to the [A02 \(Passenger Data\)](#) section. These fields allow Travelport+ users to include passenger-specific commission amount or rate in the same filed fare or during ticket issuance.

For more information about this change, refer to the advisory. Log into the support portal (https://travelportprod.service-now.com/mytravelport_support), then select the **Service Alerts** menu then **Advisories**. Search for *Passenger Specific Commission on a single filed fare*.

Allow Automated Fare Quote and Ticket Itineraries with 9-digit Tax Amount (Travelport+)

July 24, 2021

With this enhancement, the Travelport+ system allows users to fare quote (FQ) and issue an electronic ticket for auto-priced itineraries with 9-digit tax amount including decimal point.

A07 ([Fare value](#)) and A28 ([Other Fare Level](#)) section of the Travelport+ MIR will be enhanced to include a new optional data identifier for Expanded Taxes (ET:) and corresponding fields for tax amount and tax code.

Refer to PA-3958 for examples and error scenarios. Log into the support portal (https://travelportprod.service-now.com/mytravelport_support), then select the **Service Alerts** menu then **Advisories**.



Non-Faring MIR (Travelport+)

July 10, 2021

Non-Faring Machineable Interface Record (MIR) can be issued with no associated value. Agencies using DJD (Non Faring Command) will be able to transmit MIR to the back office system of the issuing or the remote location. This feature applies to Travelport+ MIR subscribers in BSP and ARC markets.

The following modifiers can be combined with the DJD entry:

Modifier	Description
F	Form of Payment
Cxx	Carrier Override
DID	Itinerary modifier
Snn	Segment select
Zxx	Commission Modifier
ZAxx	Commission Amount

The Ticketing command label [T50IN12](#) was updated to support Non-Faring MIR identifier **J** on Travelport+ (Galileo system).

Refer to PA-3953 for examples and error scenarios. Log into the support portal (https://travelportprod.service-now.com/mytravelport_support), then select the **Service Alerts** menu then **Advisories**.

EMD to E-Ticket Exchanges

December 12, 2020

High Level Description: Travelport+ (Galileo system) will be enhanced to allow exchanges of airline issued Electronic Miscellaneous Document (EMD) towards an Electronic Ticket. Credits in the form of an airline-issued EMD/voucher can be used as payment toward a ticket. It is up to the carrier to support this functionality, but will be available to any airline that requests this functionality for BSP market. For initial release, this functionality is available for British Airways (BA) and KLM (KL).

Overview

When travelers have their itineraries canceled and the airline allows travelers to receive an airline-issued voucher/EMD (Electronic Miscellaneous Document), they are able to exchange it later for an e-ticket.

With this enhancement, Travelport+ users in the BSP market can exchange a Standalone EMD credit voucher, issued by the airline, to get a new e-ticket. The EMD value does not have a breakdown between fare and tax, therefore the whole amount is applied to the ticket. Any unapplied amount is lost, with a warning message.

- Two new optional data identifiers Paid Taxes (TP:) and New Taxes (TN:) and corresponding data field tax amount and tax code will be added to the A07 (Fare Value) section of the Galileo MIR
- These new optional identifiers will be controlled through a switch in the MIR Options Table
- Taxes from filed fare will all be reported as of today in the A07 section of the MIR
 - For EMD to ET exchanges, EMD value will be first applied to taxes to treat them as Paid and the



new Paid Taxes (TP:) section will have information of such taxes.

- A maximum of 20 taxes will be allowed in this section.
- For EMD to ET exchanges, if the EMD Value can be applied only to certain taxes to treat them as paid (i.e. the EMD value does not cover the sum of all taxes) – the TP: section will have the paid taxes details. The unpaid taxes will be collected as an ADC amount and the details will be presented in Tax New (TN:) section of A07 MIR.

New Transborder Indicator

December 21, 2019

High Level Description: A new indicator will be added to an existing label in the Header (T50) Section of Travelport+ MIR, to identify an air itinerary as being Transborder.

A new indicator added to label T50IN17 of the Travelport+ MIR for tickets issued in US, Canada or Mexico.

Overview

A new itinerary type indicator will be placed in the Header Section (T50) of the Travelport+ MIR to indicate an air itinerary as being Transborder. Air itineraries are currently identified in Travelport+ as either Domestic or International. This will be replaced with a new Transborder indicator, which will apply to Travelport+ MIR users, for itineraries that meet the following criteria:

Canada: Travel from Canada to USA and from USA to Canada

USA: Travel from USA to Canada and from Canada to USA

Mexico: Travel from USA to Mexico and from Mexico to USA



MACHINEABLE INTERFACE RECORD SPECIFICATION NOTICE

Travelport+ Central System only

In accordance with Article 10 of Council Regulation (EEC) No 3089/93 merged with Council Regulation (EEC) No 2299/89 this specification is freely provided to interested parties for evaluation purposes only.

In the event that, having performed your evaluation, you wish to implement software that will create an interface to the Travelport+ system for the reception of MIRs, Travelport requires that you enter into a Travelport+ Interface Agreement with itself. Two copies of the agreement are enclosed. If you wish to enter into an agreement with Travelport+, please complete and sign both copies of the agreement, extract them from this online help and send them to your local Travelport office. We suggest that you make a copy of the agreement for your own reference pending return of one original signed on behalf of Travelport.

In the event that you implement an interface without such agreement, there is a danger that, in the event that Travelport+ changes the specification in the future, your interface will not function correctly.

Travelport accepts no liability in the event that your interface ceases to work correctly following implementation of a changed MIR specification. Travelport does, however, undertake to give to all holders of Travelport+ Interface Agreements, reasonable notice of such changes.

Travelport Apollo System (APO) only

In the event that, you wish to implement software which will create an interface to the Travelport Apollo System for the reception of MIRs, Travelport requires that you enter into a Travelport+ Interface Agreement with itself. If you wish to enter into an agreement with Travelport+, please contact Travelport or your local Travelport office.

In the event that you implement an interface without such agreement, there is a danger that, in the event that Travelport+ changes the specification in the future, your interface will not function correctly.

Travelport accepts no liability in the event that your interface ceases to work correctly following implementation of a changed MIR specification. Travelport does, however, undertake to give to all holders of Travelport+ Interface Agreements, reasonable notice of such changes.



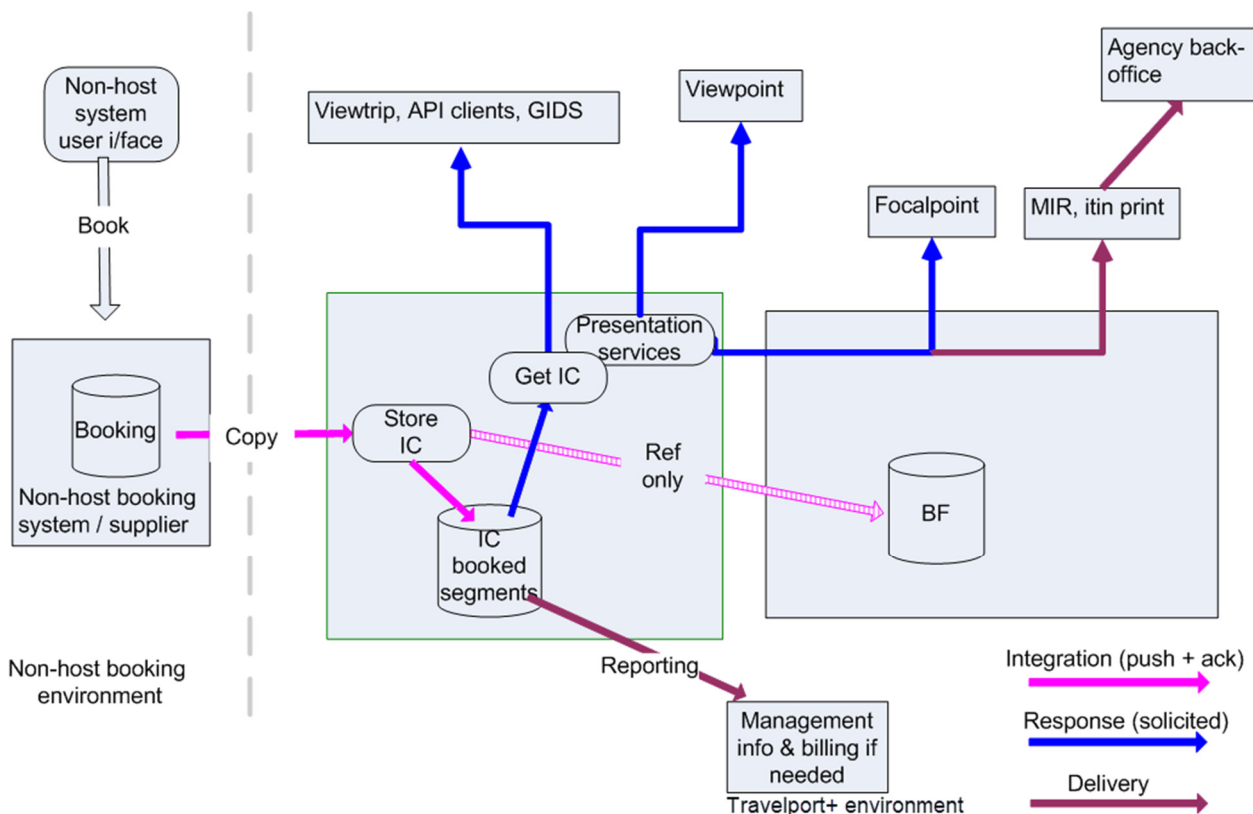
CONTENT INTEGRATOR

Content Integrator will deliver an industry leading, scalable solution that provides a strategic platform for the integration of Third Party bookings into the Travelport+ environment. This new environment will gradually replace the 'tactical' integration methodologies currently deployed.

The first implementation of the new Content Integrator functionality will be with GTA. Content Integrator does not change any of the 'front end' booking methods (Travelport+ Leisure); it only changes the 'back end' integration.

Bookings will continue to be made using the existing functionality of the Third Party (e.g., the existing GTA web site through Travelport+ Leisure). On completion of the booking process the agent will be offered the opportunity to integrate the Third Party booking into a Travelport+ Booking File. The Third Party will then send a message to Travelport+, which will store the data in such a way that when the agent retrieves the Travelport+ Booking File it will contain a copy of the Third Party booking. Any changes to the Third Party booking will be made using the existing functionality of the Third Party, which will then send a further update to Travelport+ allowing complete synchronisation between the Third party and Travelport+. The data held in the Travelport+ environment will be included/displayed through specific Access products, MIR, TRAVELPORT BOOKING FEED (TBF), Itinerary/Invoice and Viewtrip.

The following diagram provides a high level overview of the architecture.



Travelport has renamed Galileo IDS (GIDS) to Travelport Booking Feed - TBF



The Content Integrator project includes the following high level changes (detailed descriptions of changes will follow as part of specific product sections):

- Integration of Third party (GTA) bookings at time of create, modification and cancellation in the GTA system
- Changes to Travelport+ Booking Files to handle 'integrated content'.
 - New 'integrated content' field.
 - Changes to 'End Transact' and Name Field processing
 - Concept of 'empty' Booking Files.
- Changes to the following access products:
 - Focalpoint – standalone and within 'Galileo Desktop.' Booking File display as above.
 - Viewpoint – v2.5 and above
 - Viewtrip
- Changes to the following document production and hand-off products:
 - Itinerary print
 - MIR handoff
 - Travelport Booking Feed (TBF)
- New services for API clients – XML Select, Desktop API and Galileo Web Services



GENERAL CONTENT AND USAGE

Since 1996, the opportunity exists for IT suppliers to the travel agency market to take data from the new Travelport+ hosted product. The MIR92 product available since 1993 in North America introduced a new design concept for travel agents: the ability through the MIR Options Table to select data by section by pseudo city; comprehensive tax breakdown; full information on air, car, hotel, tour and cruise.

Drawing on the principles and success of MIR92, the MIR is designed for universal use. We have met our objective of a universally available data set. Where differences exist, these reflect regional business variations hence host variations. We have included additional data fields and sections, to provide data critical for the wider market in Europe and elsewhere.

A selection of these data fields and sections may be added to the Travelport Apollo System product, where useful, under a separate effort. Through this document, we identify functionality that is specific to one host or the other (Travelport Apollo System or Travelport+). Where unique functionality is not specified, it should be assumed that the systems operate the same way.

Role in System

This record is transmitted from the Travelport hosts, Travelport Apollo System (APO), or Travelport+ (Galileo), to third party (also known as Back Office System or BOS) subscribers with interfaced computers or other data collection devices. It contains all the data necessary for subscribers to print tickets, and/or itinerary/invoice documents, as well as update accounting records, statement files, and produce internal, corporate, and travel & expense reports.

Philosophy

MIR is designed to enable interfaced computer systems to eliminate dependence on "fixed" data fields, and to allow for adding additional fields to the end of sections as necessary. Therefore, the Third Party Back Office System should not assume that fields, sections or carriage returns will always exist in a fixed location. Generally, MIR is updated with the addition of new Optional Data Fields placed at the end of the most logical section (or with the creation of entirely new sections). Most often these items are enabled, at the subscribers' discretion, through a switch in the MIR Options and Type Tables. (See MIR Options and MIR Type Table for details).

Types of Data

Header

The header is currently a 343-character fixed-length section, which consists of the following items and sections:

1. Record ID = T5
2. Transmitting Carrier = 1V or 1G
3. IATA Assigned Code = 5880 or 7733



4. MIR Type = 92
5. Record Size
6. Message Sequence Number
7. MIR Creation Date and Time
8. Issuing Airline Code, Number and Name
9. Date of First Travel
10. Input and Output GTIDs
11. Booking and Ticketing Pseudo City Codes
12. IATA (ARC/BSP) Number
13. PNR/Booking File Record Locator, including a Record Locator from another CRS or Airline Reservation System
14. Booking and Ticketing Agent Sign and Duty Code
15. PNR/Booking File Creation Date and Elapsed PNR/Booking File Handling Time
16. Date of Last Change to PNR/Booking File and Number of Changes
17. Fares and Taxes, including Currency and Tax Codes
18. Commission Amount or Rate
19. Tour Code
20. 16 Indicators, most of which are Y/N (Yes/No)
21. Expanded Airline Code
22. ISO Country Code
23. Pseudo City, MIR Sequence Number and Output GTID for the associated
24. MIR produced by the Dual MIR Command.
25. Host and Home Pseudo City codes for two and three way split ticketing.
26. A counter indicating the number of items in each basic section of the MIR.

Data Areas

The data area consists of up to 30 sections, some of which are host specific:

1. Customer Remark
2. Corporate/Group Name
3. Passenger Data
4. Frequent Flyer Data
5. Airline/Amtrak Data
6. Wait list/Other Air Data
7. Travelport Apollo Seat Data (APO)
8. Fare Value Data
9. Fare Basis Data
10. Fare Construction Data



11. Exchange Ticket Information
12. Form of Payment Data
13. Phone Data
14. Address Data
15. Back Office System/Ticket Remarks
16. Associated/Un-associated Remarks (RMA/RMU or RI).
17. Auxiliary Data (Cars, Hotels, Tours, SVC Optional Services)
18. LeisureShopper Data
19. Miscellaneous Document Data
20. SSR/OSI Data
21. Net Remit Data (Travelport+)
22. Galileo Seat Data (Travelport+)
23. Refund Data
24. Other Fare Construction Data (Travelport+)
25. Integrated Content Data (Travelport+)
26. Carrier Fees Data
27. Other Fare Level Data (Travelport+)
28. EMD Data
29. EMD Coupon Data

Individual sections, if present, occur in the sequence indicated. Space is not reserved for sections which are not present. Each section may consist of one or more items. Individual fields or sections, (depending upon type), can be variable in length or fixed length. Sections are repeated when multiple items exist for that section.

Programming Aspects

Programming Areas

This record is created for and transmitted from Travelport Apollo System or Travelport+ to third-party back-office System Subscribers with interfaced computers for use in the following areas:

- Printing Itinerary or Invoice documents
- Updating accounting records and statement files
- Producing Internal, Corporate and Travel & Expense Reports

Programming Techniques and Uses

Everything in the record is in character format. The presence of a specific section in the Data Area is identified by the three character section code (Axx) preceding the data present in the section. The number of items in a section is determined from the item count field in the Header. Most data is located by using the counter method based on these fields. Optional fields are preceded with a data field ID.



The MIR is designed to enable interfaced computer systems to eliminate their dependence on "fixed" data fields, and to allow for appending additional fields to the end of sections as they become necessary. Therefore, the Third Party Back Office System should not assume that optional data fields, sections or carriage returns will always exist in a fixed location.

Generally, the MIR is updated with the addition of new Optional Data Fields placed at the end of the most logical section (or with the creation of entirely new sections). Most often these items are enabled, at the subscriber's discretion, through a switch in the MIR Options Table.

The terms "section", "item" and "line" are used in the document. A section is a set of data elements beginning with a Section ID, ending in two carriage returns. A section may repeat with different values. An item is a set of data elements beginning with a Section ID, ending in a single carriage return. An item may repeat with difference values. A line is a set of data elements between carriage returns. A line can be indeterminate length.

Unless otherwise specified, if data for a field is not transmitted in the MIR, the following values will apply: (indicates right or left justification of a data populated field):

- Alpha fields are blank filled (left justified)
- Numeric fields are zero filled (right justified)
- Alpha/Numeric fields are blank filled (left justified)
- Currency amounts in the header are zero filled
- Currency amounts in the body of the MIR are generally right justified with decimal places for the currency the MIR was issued in. If not transmitted, they are blank filled, or may be omitted.
- Date fields are alpha numeric DDMMYY format

The MIR shown as an example in the exchanges section also shows a Hex representation which may assist in understanding the use of carriage return, line feed and other control characters.

Storage Factors and MIR Types

Record Size

Based on the following assumptions, the average size for a MIR Record is 2600 characters:

- Two passengers
- Three flight segments
- One hotel segment
- One car segment
- Two additional auxiliary segments
- One form of payment item
- One address item
- Two frequent flyer data items
- Three BOS (Ticket) Remarks
- Associated Fare Construction

The maximum MIR size on Travelport Apollo System is 50,000 characters. The maximum MIR size on Travelport+ is 32,767 characters. Any attempt to transmit a record larger than specified will error with screen



message in Travelport Apollo System and system error in Travelport+.

- The record is not accessed by the host except for creation and transmission.
- The record is not permanently stored on the host.

MIR Types Currently Supported MIR or MIR92

Travelport Apollo System (APO): Only MIR 92 is available.

Galileo (Travelport+): Only MIR 92 is available.

Programmatic Remarks - General Content & Usage

Programmatic Remarks Auto-Generated to A14 Section Back Office/Ticket Remarks Section

Code APO	Description
EB	Endorsement Box Identifier (Can have up to three EB entries). These remarks are created based on the fare for the ticket, and can also be manually entered by the agent.
FB	Free Ticket - Fare Basis - Related to ticketing entry made by the agent.
GF	Free Ticket (generic modifier) - Related to the ticketing entry made by the agent.
IN	Itinerary Only (no invoice number from TINS table, itinerary sequence number is transmitted as invoice number) - no dollar amount prints on the invoice. Transmitted when the agent uses the HB:GIN format.
PT	PTA Ticket Number - Exists for United Airlines, British Airways (and other carriers as designated in the agencies AAT profile) Prepaid Tickets, and can also be entered by the agent.
P2	Non-Refundable - Exists for United Airlines, British Airways (and other carriers as designated in the agencies AAT profile) Prepaid Tickets, and can also be entered by the agent.
OI	Amtrak Remark - Exists when an Amtrak ticket is issued.
CI	Credit card reference number currently appears in section A14 for Back Office Remarks.
CIDT	Corporate ID Tracking
Code Travelport+	Description
AC	Agency Account Code and Branch Details up to 42 characters, output as SA- (prints on itinerary)
AR	Replace original sign-on code with another, output as SA- (up to 10 characters, prints on itinerary)
CA	Branch office and account number, output as CA- (not printed on itinerary)
CR	Canned remarks, output as CR- (prints on itinerary)
DYO	DYO remarks, output as DYO- (prints on itinerary)
FT	Free-text to 45 characters, output as FP- (repeatable, prints on itinerary)
NP	Waived PTA fee amount, output as NP (not printed on itinerary)
PF	PTA fee amount, output as PF- (not printed on itinerary)



Code APO	Description
RF	Refund screen free-text, output as RF- (not printed on itinerary)
TK	Add manual ticket number for printing on itinerary/invoice, output as TK- (prints on itinerary)
U1	Free-text to 20 characters (not repeatable), output as U1- (prints on itinerary)
U2	Free-text to 20 characters (not repeatable), output as U2- (prints on itinerary)
VL	System generated only - Vendor locators, output as VL- with string as follows: (not printed) 3 characters VL- 4 characters HHMM (time) 5 characters DDMMM (date) 3 characters city code 2 characters office designator 2 characters message originators vendor ID then, variable to maximum of 35 characters for vendor locator. If Vendor Locators are needed for manual tickets, use DI.FT. For non-system generated vendor locators, the input of DI.FTVL- could be used.
X*	Freeform text to 68 characters (not printed on itinerary).
CIDT	Corporate ID Tracking

This field represents the Carrier Fees and Taxes on Fees Data Section. If this indicator is set to "Y", the Galileo Carrier Fees and Taxes on Fees Data Section is transmitted in the MIR.

This field represents the Category 35 Sell Fare Data Section. If this indicator is set to "Y", the Category 35 Sell Fare Data Section is transmitted in the MIR.

Travelport+ permits the entry of Freeform remarks, with DI. Entries. For Refunds, freetext is programmatically generated in A14, with leading characters of RF-.



MIR Options and Type Tables

MIR Options Table

The MIR provides a MIR Options Table at the individual agency level. Each agency location can choose to receive or not receive specific sections of the MIR. This reduces MIR transmission time and the number of characters present in the MIR, saving the Back Office System processing time for data elements they may not need. The MIR Options Table is controlled by setting indicators in the table, at the agency level. The entry to display the MIR Options table is MMOD. To change a field tab to the field, change the letter from Y to N (or vice versa) and enter. See below for more data on who can make the entry.

The display **Travelport Apollo Subscribers** see:

```
>MMOU          MIR OPTIONS TABLE - XXXX      18SEP
CUSTOMER REMARKS --Y FREQUENT FLYER      --Y WAITLIST INFO      --Y
SEAT DATA       --Y FARE CONST.         --Y REMARKS UN/ASSOC --Y
LEISURE SHOPPER --Y MIR 12 HOUR CLOCK--Y ETDN INFO          --Y
REFUND DATA     --Y MISCELLANEOUS DOC--Y E MISC DOC (EMD) --Y
CC MASKED        --Y 2011 - RELEASE A --Y E MISC DOC (CPN) --Y
E MISC DOC (SVC) --Y E MISC DOC (SSR) --Y A10 IT: PD TAXES --Y
```

(XXXX = The Agency Pseudo City Code)

All Pseudo Cities are initialized with all fields (except ETDN INFO) set to "Y". This provides MIRs with all data sections included. (As new sections are added to the MIR Options Table, they will be set to "N", so that Back Office Systems do not receive new data before they are ready to store it).

The display **Travelport+ Subscribers** see:

```
>MMOU          MIR OPTIONS TABLE - XXXX      20NOV
EXPANDED TAX RFND --N LOCAL TIMESTAMP    --N NP.F** REMARKS    - N
CUSTOMER REMARKS --N FREQUENT FLYER      --Y WAITLIST/OTH AIR --Y
EXPANDED TAX      --N FARE CONST         --Y PHONE DATA      --Y
ADDRESS DATA     --Y REMARKS UN/ASSOC --Y AUXILIARY DATA  --Y
LEISURE SHOPPER  --Y MIR 12HOUR CLOCK --N EMD TO ET TAXES  --N
MISCELLANEOUS DOC --N SSR/OSI DATA      --N NET REMIT         --Y
SEAT DATA (GALILEO)--Y REFUND DATA      --N OTHER FARE CONSTR--N
CONTENT INTEGRATOR--N CARRIER FEES     --N E MISC DOC (EMD) --N
CC MASKED        --N OTHER FARE LEVEL --N 2011 - RELEASE A --N
E MISC DOC (CPN) --N E MISC DOC (SVC) --N E MISC DOC (SSR) --N
RFND DATA CUR AMT --N RAIL DATA        --N NP.H** REMARKS    --N
PAX SPECIFIC COMM --N EXPANDED TAX EXCH--N ORG COM/FARE EXCH--N
>
```

(XXXX = The Agency Pseudo City Code)

On Travelport+, the MIR 12 Hour Clock field is defaulted to "N" to provide Time data in a 24-hour-clock format, Customer Remarks are N, Seat Data (Apollo) is N, EDTN is N, International and VAT are N. (As new sections are added to the MIR Options Table, they will be set to "N", so that Back Office Systems do not receive new data before they are ready to store it).



Commands

Travelport Apollo System only:

Any Subscriber can display the MIR Options Table for their pseudo city code by typing: **MMOD**

Subscribers not signed into a specific pseudo city code must emulate a specific pseudo city first (SEM/XXX/AG or SEM/XXXX/AG) then display the MIR Options Table for a specific pseudo city code by typing: **MMOD**

(XXX or XXXX = the pseudo city code.)

To update the MIR Options Table, the user sign on must be at least a "Secondary Authorizer". (Usually the agency manager or supervisor has this authority). The subscriber accesses the MIR Options Table display using the MMOD command and tabs to the field(s) they would like to change. The only valid selections for changing a field are "Y" or "N". The agent can then enter after the last field has been changed. If changing more than one field, it is recommended that the agent tabs to the space after the last field on the screen, and enters, to ensure that all selections made are stored.

Any MIR Type can display and/or update the MIR Options Table; however, the selections made will only be active for MIR users. (Updates made for any other MIR Type will be ignored at the time of MIR Transmission).

Travelport+ only:

The MIR Options Table has equivalent functionality to Travelport Apollo System however it is updatable by the Galileo National Distribution Company and is not generally available to Subscribers.

MIR Type Table

The MIR Type table allows the agency to choose the type of MIR wanted. This table has the same characteristics as the MIR Options table.

Using the MIR Type Table

Commands:

To display the table the agent enters **MMTD**. This table will default to "N" except for TKT. The table is expected to be configured once for an agency.

For Travelport Apollo System markets, the table will be updatable by the travel agent. For Travelport+ markets, the table is updatable by the NDC with the same security restrictions as for MIR. TKT is identical to HMLMxxxxxxDA, default for all ticketing and non-ticketing MIRs.

Setting the VOID option to **Y** in the MIR Type Table will allow a Void MIR to be generated when a Void transaction occurs.



The display Subscribers see:

>MMTU		MIR TYPES	- XXXX		06OCT
TKT	-·Y	REFUND	-·Y	VOID	-·Y
UNVOID	-·Y	SPOILED	-·N	MPD	-·Y
EMD	-·Y	NDC	-·Y		

Enabling a field in the MIR Type table allows MIRs to be generated when a certain transaction occurs. For instance if “TKT” is set to Y a MIR will be delivered in response to an entry beginning TKP. To obtain a MIR when an EMD is issued using EMDI the “EMD” field has to be enabled. Once the type of MIRs required have been selected the next step is to choose the sections using the MIR Options table.

MPD

The following values are allowed for the **MPD** identifier:

- **Y** indicates a MIR will be delivered for both MCO and TASF transactions.
- **N** indicates a MIR will not be delivered for both MCO and TASF transactions.
- **M** indicates a MIR will be delivered for only MCO transactions.
- **S** indicates a MIR will be delivered for only TASF transactions.

NDC

The **NDC** identifier controls the MIR transmission for NDC transactions. The default value is **Y** (yes), which indicates that a MIR will be delivered for a NDC normalized workflow during issuance. If you do not want a MIR delivered for a NDC normalized workflow, set this value to **N** (no).

Fields in the MIR Options Table

Option	Description	MIR Section
Expanded Tax Refund	Travelport+ only This field provides agency with option to receive or not receive expanded tax breakdown under ‘Expanded Refund Taxes’ in the A23 Refund section of the MIR. The default settings will be N (No).	A23
Local Timestamp	Travelport+ only By default, this field is set to N , which transmits MIRs in GMT. When set to Y , MIRs are transmitted in the agency's local date and time.	N/A



Option	Description	MIR Section
NP.F**REMARKS	<p>Travelport+ only</p> <p>When set to Y, credit card information is transmitted to the MIR as it was entered in the secured section of the notepad. By default, this field is set to N.</p> <p>Credit card information can be added to a secure section of notepad using the NP.F** entry. When the MIR option table has the <i>CC Masked</i> field set to N, the credit card data will be unmasked in the A14 section of the MIR.</p> <p>This information can be used by back office systems to reconcile non-air travel experiences.</p>	<u>A14</u>
Customer Remarks	<p>Travelport Apollo</p> <p>For Travelport Apollo System, this field represents the C- Customer Remark entered in the PNR, which is generally used for Selective Access. It also represents MT: Mail TO email address(s) and Client File Name(s) included in the Apollo PNR. If this indicator is set as Y, the Customer Remark, Mail TO email address(s), and qualified Business/Personal Client File Name(s) are transmitted in the MIR when present in the PNR.</p> <p>Travelport+</p> <p>For Travelport+, this field represents the CI. Customer Identification Code entered in the Booking File. It also represents the MT. Mail TO email address(s) and Client File Name(s) included in the Booking File. If this indicator is set as Y, the Customer Identification Code, Mail TO email address(s), and qualified Business/Personal Client File Name(s) are transmitted in the MIR when present in the Booking File.</p>	<u>A00</u>
Frequent Flyer	<p>This field represents the Frequent Flyer section. If this indicator is set to Y, the Frequent Flyer section is transmitted in the MIR, when present in the PNR/Booking File.</p>	<u>A03</u>
Waitlist/Other Air	<p>This field represents the Waitlist/Non-ticketed section. If this indicator is set to Y, the Waitlist section is included in the MIR, when waitlisted/non-ticketed segments are present in the PNR/Booking File. The precise operation of waitlist/other air varies between Apollo and Travelport+. See A04 section notes for details.</p>	<u>A04</u>
Expanded Tax	<p>Travelport+ only</p> <p>This field provides agencies with the option to receive or not receive expanded tax breakdown from the filed fare under Expanded Tax section (ET:) in the A07 or A28 Other Fare Level section of the MIR.</p> <p>The default settings will be N (No).</p>	<u>A07, A28</u>
Fare Const.	<p>If this indicator is set to Y, the Fare Construction section (as printed on the coupons of the ticket visible to the passenger) is transmitted in the MIR. (Unless a Non-Faring MIR is requested - DJD on Travelport Apollo System/Travelport+ or DAD prior to ticketing.)</p>	<u>A09</u>
Phone Data	<p>If this indicator is set to Y, the Phone data section is transmitted in the MIR.</p>	<u>A12</u>
Address Data	<p>If this indicator is set to Y, the Address data section is transmitted in the MIR, when present in the PNR/Booking File.</p>	<u>A13</u>



Option	Description	MIR Section
Remarks Un/Assoc	This field represents the Associated and Unassociated Remarks section. If this indicator is set to Y , the Associated and Unassociated Remarks section of the MIR are transmitted, when present in the PNR/Booking File.	A15
Auxiliary Data	This field represents the Auxiliary data section (cars, hotels, and tours). If this indicator is set to Y , the Auxiliary data section of the MIR is transmitted, when present in the PNR/Booking File.	A16
Leisureshopper	If this indicator is set to Y , the LeisureShopper section is transmitted in the MIR, when LeisureShopper segments are present in the PNR/Booking File.	A17
MIR 12-hour clock	This field provides the agency the ability to transmit MIRs in either 12- or 24-hour clock. If this field is set to Y , all of the times in the MIR are transmitted using a 12-hour clock.	N/A
EMD to ET Taxes	This field provides the agency with the option to receive or not receive tax distribution from the filed fare which have been considered as Paid (TP:) and New (TN:) in the A07 section of the MIR. The default setting is N (No).	A07
EDTN Info	Travelport Apollo only This field represents the use of Electronic Ticket Delivery Networks (ETDN) and enables the agency to receive the ETDN's vendor code and IATA number when the indicator is set to Y and an ETDN transaction is transmitted. ETDNs have all been shut down and, in due course, this field will be removed or replaced.	N/A
Miscellaneous Doc	This field represents the MCO data. If set to Y , then MCO data is transmitted to the MIR when present in the PNR/Booking File.	A19
SSR/OSI Data	When set to Y , some SSR and OSI are transmitted to the MIR when present in the PNR/Booking File. The SSR and OSI data sent varies by market.	A20
Net Remit	Travelport+ only This field represents the Net Remit section for Travelport+. If set to Y , the Net Remit data is transmitted in the MIR, when present in the Booking File.	A21
Seat Data (Galileo)	Travelport+ only This field represents the Seat data section for Travelport+. If set to Y , the Seat data section is transmitted in the MIR, when seats are present in the Booking File.	A22
Refund Data	Travelport+ only If set to Y , the Travelport+ Refund data section is transmitted in the MIR, when a refund occurs.	A23
Other Fare Construction	Travelport+ only This field controls the sending of fare construction data. The fare construction data sent in this section only exists when an IT or BT ticket modifier exists. When these modifiers are used, the "FARE CONST" section contains the construction as printed on the coupons the passenger sees (where the fare is hidden using M/IT). The fare construction sent in the section controlled by the field contains the fare construction, which will have printed on the agent/audit coupons and will contain the fare values.	A24



Option	Description	MIR Section
Content Integrator	This field carries data from the Content Integrator function. Content Integrator allows a 3rd party to push booking data to a Travelport+ store. The data is then visible via the Travelport+ Booking File and is included in the MIR. The data held in the Travelport+ store and displayed in the booking file and MIR is “passive” meaning all changes are undertaken in the 3rd party system which then pushes data to Travelport+. The data within the A26 section is in XML format and may include characters not normally encountered in a MIR.	A26
Carrier Fees	Travelport+ only This field represents the Carrier Fees and Taxes on Fees data section. If set to Y , the Carrier Fees and Taxes on Fees data section is transmitted in the MIR.	A27
E Misc Doc (EMD)	This field represents the Electronic Miscellaneous Document data section. If set to Y , the Electronic Miscellaneous Data Section is transmitted in the MIR.	A29 , A30
CC Masked	If set to Y , credit card data is transmitted in the MIR as masked. The masked setting also applies to secure notepad information (sent in A14). Sample MIR with CC MASKED ->N A11CC 443.50NAX371019534732004 0613 7898 P:01 Sample MIR with CC MASKED ->Y A11CC 443.50NAX371019000002004 0000 7898 P:01	N/A
Other Fare Level	Travelport+ only This field represents the Category 35 Sell Fare data section. If set to Y , the Category 35 Sell Fare data section is transmitted in the MIR.	A28
2011 – Release A	The option 2011 – RELEASE A was introduced to the Apollo and Galileo MIR Options Table to smooth the implementation for the following new enhancements to Back Office Systems. MIR users may activate this set of enhancements at any point after the load to production. This option offers MIR users the opportunity to manage the activation of these enhancements and to ensure readiness of Back Office Systems. <ul style="list-style-type: none">• Expanded Passenger Name• Fare Quote Status Code (Travelport+ only)• Full Endorsement Data (Travelport+ only)• Number of Rooms for HTL Non-RoomMaster Hotel Segments• Number of Cars for CAR Non-CarMaster Car Segments• Number of Units for TUR Tour Segments The option “2011 – Release A” when added to the MIR Options Table, is set to N, so that Back Office Systems do not receive new data before they are ready to store it.	N/A
Expanded Tax Exch	Travelport+ only This field provides agency with option to receive or not receive the complete tax breakdown information of original paid taxes in the A10 (New Ticket Exchange) section of the MIR. The default settings will be N (No).	A10



Option	Description	MIR Section
Org Com/Fare Exch	<p>Travelport+ only</p> <p>This field provides agency with option to receive or not receive the original total fare and commission amount from the ticket being exchanged in the A10 (New Ticket Exchange) section of the MIR</p> <p>The default settings will be N (No).</p>	A10



DESCRIPTION OF CONTENTS

Note: The "Hex" (Hexadecimal, Base 16) and "Dec" (Decimal, Base 10) information is provided where logical. The MIR is created so that certain "Optional" data fields are only transmitted when there is data present to fill them. This approach decreases the size of the MIR, and therefore, reduces processing and transmission time.

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	T50BID	2	B	BASIC ID (All MIRs begin with T5)

Level indicates whether this data element is the main level, or a sublevel to a main data set.

Hex Hexadecimal, Base 16 data element displacement.

Dec Decimal, Base 10 data element displacement.

Label is the name which is used to identify the data element for programming and support purposes.

Bytes identify the number of characters in this data element. Unless specified, the field length is the same for both Travelport Apollo System and Travelport+ hosts. Where the data element length is different the leading digits are Travelport Apollo System and the digits following the "/" character are Travelport+. eg: 11/30 where 11 = Travelport Apollo System and 30 = Travelport+.

Type identifies the type of characters that may be expected in this data element.

Description includes a description of the data element. Notes are included which clarify functionality.

The following sections of this document describe the individual data elements of the Machineable Interface Record (MIR).



HEADER SECTION

Description of Section

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	T50BID	2	B	BASIC ID All MIRs begin with T5. This cannot be assumed to be the only occurrence of T5 in a MIR.
1	02	02	T50TRC	2	B	TRANSMITTING SYSTEM Identifies the CRS transmitting the MIR. 1V = Travelport Apollo System, 1G = Travelport+
1	04	04	T50SPC	4	N	IATA ASSIGNED NUMERIC ACCOUNTING CODE AND CHECK DIGIT APOLLO(APO) = 5880 GALILEO(Travelport+) = 7733 If a Back Office System is producing tickets from this MIR, the System Provider Code printed on the tickets should be the code assigned to that ticketing system by the Airline Transport Association ATA or International Air Transport Association IATA. With the move to 100% E Ticketing it is anticipated that any back office systems still producing paper tickets will stop.
1	08	08	T50MIR	2	N	MIR TYPE Indicator This is controlled by a setting within the "type line" of the Agency's AAT Table. The field is currently populated with "92".
1	0A	10	T50SZE	5	N	TOTAL RECORD SIZE Total number of bytes transmitted in this MIR. The largest record that may be transmitted in Travelport Apollo and Travelport+ System is 50,000 characters, then systems error.
1	0F	15	T50SEQ	5	N	RECORD/MESSAGE SEQUENCE NUMBER



Level	Hex	Dec	Label	Bytes	Type	Description
						<p>A file/retransmission number assigned by Travelport Apollo System or Travelport+ at the time of issuance. Also known as the MIR Sequence number.</p> <p>The Travelport+ range is 1 to 33,000. On retransmission the number is not incremented. It is important to understand the difference between "retransmission" and the TKPDAD functions. "Retransmission" relates to finding a previously sent MIR and sending it again. In this case the whole MIR (including the sequence number and date/time) are identical to the original. TKPDAD creates a new MIR with a new sequence number and a new date/time stamp. Sequence numbers are unique for each MIR per Pseudo City Code. To display the sequence number, type: HQB/ACC/DS and HQB/MD to locate the record you are looking for, then HQT in Travelport Apollo System or HQNN in Travelport+ to retransmit. (Details on this functionality are at the end of this Document).</p>
1	14	20	T50CRE	12	I	MIR CREATION DATE AND TIME
2	14	20	T50DTE	7	B	DATE OF MIR CREATION(Format: DDMMYY). This is CRT date.
2	1B	27	T50TME	5	B	TIME OF MIR CREATION For Travelport Apollo System, time is Agency local time, and is based on the MIR Options Table setting 12 or 24 Hour Clock. For Travelport+, date and time is GMT/UTC. If 24 hour clock, time is left justified.
1	20	32	T50ISS	29	I	ISSUING / VALIDATING AIRLINE DATA
2	20	32	T50ISC	2	B	AIRLINE CODE Code of the issuing / validating carrier. If the Airline Code is 3 characters the Airline Code appears in label T50PCC. If both a 2 character and 3 character code is held in the database both labels will



Level	Hex	Dec	Label	Bytes	Type	Description
						be filled. If Non-Air MIR, this field will be blank filled. Travelport Apollo System: blank filled for non-air and MIRs created bypassing 360 FARES. Travelport+: blank filled for non-air and when 360 FARES is bypassed or /C is not used with a TKP or TMU entry.
2	22	34	T50ISA	3	N	AIRLINE NUMBER Numeric code of issuing/validating carrier. (If Non-Air or bypass of 360 FARES or no /C used with TMU/TKP entry, this field will be zero filled).
2	25	37	T50ISN	24	A	OFFICIAL AIRLINE NAME This is the Plating Carrier name as Stored in Travelport Apollo System or Travelport+. This is the airline name in the form in which it is printed on the ticket. If a Non-Air MIR is sent or bypass of 360 FARES or no /C used with TMU/TKP entry or there is no filed fare in the booking file/PNR, this field will be blank filled.
1	3D	61	T50DFT	7	B	DATE OF FIRST TRAVEL (Format: DDMMYY). Date of the first segment in the ticketed itinerary. For Refunds and Open Tickets (tickets issued without creating a PNR/Booking File) and Non-Air PNRs/Booking Files this data element will be populated with blanks.
1	44	68	T50LNI	12	I	GTIDS FOLLOW
2	44	68	T50INP	6	B	INPUT CRT LNIATA/GTID LNIATA/GTID of the CRT which initiated the ticketing command: "HB" or "TKP". If Refund/Void will show CRT which input Refund/Void entry.
2	4A	74	T50OUT	6	B	OUTPUT DEVICE GTID GTID of the MIR device receiving the MIR. DJD, DND and DXD commands reflect this GTID in the input entry.
1	50	80	T50CO1	1	S	Carriage return



Level	Hex	Dec	Label	Bytes	Type	Description

1	51	81	T50BPC	4	B	<p>BOOKING AGENCY ACCOUNT CODE</p> <p>Pseudo city code of agency booking the PNR/Booking File.</p> <p>If the PNR/Booking File is booked and ticketed in the same pseudo city, both the Ticketing Agency Account Code and the Booking Agency Account Code are the same.</p> <p>Supports US, NL, CH, AT.</p> <p>If Refund/Void/Spoiled: blank filled.</p>
1	55	85	T50TPC	4	B	<p>ISSUING/TICKETING AGENCY ACCOUNT CODE</p> <p>Pseudo city code of the agency issuing the tickets and/or MIRs using the command: "HB" or "TKP".</p> <p>For NL to support current Ticket Delivery Office (TDO) requirement, this field contains the Pseudo city Code of the Ticket Delivery Office.</p> <p>If Refund/Void MIR, this is the PCC of agency initiating Refund/Void.</p>
1	59	89	T50AAN	9	A	<p>AGENCY ACCOUNT NUMBER</p> <p>ARC/IATA-BSP number for Ticketing Pseudo city. This is the IATA number that prints on the ticket.</p> <p>Travelport+: when TKPDAD is input, the IATA number of the agency requesting the MIR occurs, not the IATA number on the ticket.</p> <p>For Switzerland and Austria this is the printing location IATA number.</p> <p>For NL TDO this is the IATA number of the originating agent (HAGT).</p>
1	62	98	T50RCL	6	B	<p>RECORD LOCATOR</p> <p>This record ID is assigned by Travelport Apollo System or Travelport+ and stays with the PNR/Booking File until the PNR/Booking File expires after usage. Where there is no Booking File or PNR this field contains ZZZZZZ. For example: where an</p>



Level	Hex	Dec	Label	Bytes	Type	Description
						open ticket has been issued or a refund/void/spoiled MIR.
1	68	104	T50ORL	6	B	RECORD LOCATOR FROM ORIGINATING (Owning) CRS/Airline Travelport Apollo System only, blank on Travelport+.
1	6E	110	T50OCC	2	B	OTHER CRS/AIRLINE CODE Travelport Apollo System only, blank on Travelport+.
1	70	112	T50OAM	1	A	AUTOMATIC / MANUAL Indicator (Indicator setting identifying whether the other CRS/Airline Record Locator was manually entered or received. Travelport Apollo System: Blank = Travelport Apollo System booked or captured, M = Manually entered using the GRL command: HBGRLXXXXXX*AA). Travelport+: this manual entry functionality does not exist and is blank filled.
1	71	113	T50AGS	6	B	BOOKING AGENT SIGN This is the sign of the agent who created the Booking File or Refund Travelport+: When the booking file has been created by the Integrated Content function this field will read ZVNHC. Note this only occurs when the Booking File was created by the Integrated Content function. If an existing Booking File has integrated content added the sign of the person who originally created the booking file will be shown here.
Note: The Booking Agent Sign now consists of either the 4 character Booking Pseudo city Code and the 2 character "RSPR" code, which is generally the first two characters of an agent's sign (EX: 0W0PSM). In Travelport Apollo System in a Service Bureau sign on situation, the exact sign on the agent typed initially starting with the character "D" (EX: DRMSM). This field has a maximum of 6 characters, but may contain blanks. It is left justified. In Travelport+ "D" does not appear.						
1	77	119	T50SBI	1	A	SERVICE BUREAU Indicator Y = Service Bureau Sign Used N = Regular Agency Sign Used Travelport Apollo System: This indicator identifies whether the agent signed on to a Service Bureau



Level	Hex	Dec	Label	Bytes	Type	Description
						set using a Service Bureau Sign On Code. A Service Bureau sign on enables the agent to emulate designated pseudo cities to update PNR/Booking Files, and/or issue tickets for another location. Travelport+: always a N.
1	78	120	T50AGT	4	I	ISSUING AGENT DATA
2	78	120	T50SIN	2	B	TICKETING AGENT SIGN This field is picked up from the STD profile and is the RSPR code that is set up when the agent's STD profile is created. This is the Agent Sign of the agent who issued the ticket and/or the MIR.
2	7A	122	T50DTY	2	A	AGENT DUTY CODE Duty Codes are: AG = Agent TA = Training (Travelport+) OU = Outside User MA = Meshing Agent (Used during conversion to Travelport Apollo System & Travelport+) SU = GI/NDC user (Travelport+)
1	7C	124	T50PNR	7	B	PNR/BOOKING FILE CREATION DATE Date of initial creation of the PNR/Booking File. (Example: 10DEC96). If Refund/Void blank filled.
1	83	131	T50EHT	3	N	ELAPSED PNR/BOOKING FILE HANDLING TIME This field identifies the number of days between the PNR/Booking File Creation Date and the MIR Creation Date. Contains "000" if MIR and PNR/Booking File creation dates are the same. Based on CRT date. For a Refund this defaults to 000. Travelport Apollo System: The "time" used to calculate this date is based on the RESO CITY indicated in the agency's AAT Table. RESO CITY is the Travelport Apollo System servicing city for the agency.



Level	Hex	Dec	Label	Bytes	Type	Description
1	86	134	T50DTL	7	B	DATE OF LAST CHANGE TO PNR/BOOKING FILE (Example: 20MAR96) The date in which the last "R:" or "R." was entered for this PNR/Booking File. If there are no changes, the default is the MIR creation date. This is local CRT date. If Refund/Void blank filled.
1	8D	141	T50NMC	3	N	NUMBER OF CHANGES TO PNR/BOOKING FILE Number of times the PNR/Booking File is manually Received with the "R:" or "R." entry. Open Tickets default to 001 when TKPN or HB-entries used. Defaults to 000 for Refund. If Refund/Void blank filled.
1	90	144	T50C02	1	S	Carriage return

1	91	145	T50CUR	3	A	CURRENCY CODE Applies to Party Fare. Non-Air MIRs contain blanks. In Travelport Apollo System the currency is by value of CRT location. In Travelport+ this is the currency held in the filed fare. If there is no filed fare, it is blank filled. If an e-ticket refund this is the currency code of the ticket being refunded.
1	94	148	T50FAR	12	N	PARTY FARE Travelport Apollo System: Base Fare for all ticketed passengers. Travelport+: Base Fare for all ticketed passengers or for all passengers in the filed fare.
1	A0	160	T50DML	1	N	NUMBER OF DECIMAL PLACES IN CURRENCY Reflects the number of decimals designated by the base currency code of the MIR. This is blank filled when no currency code. This is zero filled when no decimal in the currency.
1	A1	161	T50CUR2	3	A	CURRENCY CODE



Level	Hex	Dec	Label	Bytes	Type	Description
						The Currency Code here applies to all Taxes and Commission. This is the currency code of the CRT location.
1	A3	164	T501TX	8	B	FIRST TAX AMOUNT Travelport+: zero fills. Travelport+ tax data is in the A07 section.
1	AC	172	T501TC	2	B	FIRST TAX CODE Identifies the Country or type of tax. If no tax amount precedes, then this field is blank filled. Travelport+: blank fills.
1	AE	174	T502TX	8	B	SECOND TAX AMOUNT Travelport+: zero fills.
1	B6	182	T502TC	2	B	SECOND TAX CODE Identifies the Country or type of tax. If no tax amount precedes, then this field is blank filled. Travelport+: blank fills.
1	B8	184	T503TX	8	B	THIRD TAX AMOUNT Travelport+: zero fills.
1	C0	192	T503TC	2	B	THIRD TAX CODE Identifies the Country or type of tax. If no tax amount precedes, then this field is blank filled. Travelport+: blank fills.
1	C2	194	T504TX	8	B	FOURTH TAX AMOUNT Travelport+: zero fills
1	CA	202	T504TC	2	B	FOURTH TAX CODE Identifies the Country or type or tax. If no tax amount precedes, then this field is blank filled.
Level	Hex	Dec	Label	Bytes	Type	Description
1	CC	204	T505TX	8	B	FIFTH TAX AMOUNT Travelport+: zero fills.
1	D4	212	T505TC	2	B	FIFTH TAX CODE Identifies the Country or type of tax. If no tax amount precedes, then this field is blank filled.
<p>Note: Currently, in the United States, only the first two tax amounts are used. In Canada, the first three tax amounts are used. The U.S. will expand to three tax amounts after the Ticket Exchange Enhancement is completed. Taxes four and five are provided for future expansion.</p>						
1	D6	214	T50CMM	12	I	PASSENGER COMMISSION DATA



Level	Hex	Dec	Label	Bytes	Type	Description
						Only one of T50COM or T50RTE will contain data. If commission is applied as a percentage T50RTE will contain that percentage and T50COM will be zeros.
2	D6	214	T50COM	8	N	COMMISSION AMOUNT** Commission amount designated or assumed in the ticket issuance or refund. If not applicable, field contains zeros.
2	DE	222	T50RTE	4	N	COMMISSION RATE** (COST FACTOR) The commission percentage designated or assumed in the ticket issuance or refund. If not applicable, field contains zeros.

Note: Will receive either amount or rate, not both. A decimal place is not transmitted. Systems are advised to allow for the possibility that both commission fields will be used, not just the percentage.

1	E2	226	T50ITC	15	B	TOUR CODE Travelport Apollo System: IT number is entered at fare quote or time of ticketing: ITUA123456789. The MIR only shows the data following the "IT" characters. If not applicable, field is blank. Travelport+: the first 14 characters are the Tour Code with the first character as the Tour Code Type. The Tour Code Type 'I' (IT) or 'B' (BT) as entered by the agent. I = Inclusive Tour B = Bulk Tour In some cases data printed in the tour code box is actually a Carrier Agreement Reference number (entered using the AI- modifier) or Value Code (VC- modifier). See A21 section for detail.
1	F1	241	T50C03	1	S	Carriage return

Level	Hex	Dec	Label	Bytes	Type	Description
1	F2	242	T50IND	23	I	Indicator BYTES



Level	Hex	Dec	Label	Bytes	Type	Description
Note: The following indicators are Yes/No (Y/N) unless otherwise noted.						
2	F2	242	T50IN1	1	A	Y = RETRANSMISSION Applies to the retransmission of a MIR only. Travelport Apollo System only: HQB/ACC/11111, HQT does not apply to the retransmission of a ticket or invoice - using HQNN. N = An actual document issuance command created this MIR. (Either an HB or TKP ticketing command or a MIR issuance command such as DAD, DXD, etc.). Refund/void MIR shows "Y" for retransmission.
2	F3	243	T50IN2	1	A	MANUAL PRICING Y = CONSTRUCTED WITH FILL-IN-FORMAT USING FBC or HHPR. N = No pricing record exist. When a Refund/Void shows "N".
2	F4	244	T50IN3	1	A	360 FARES PRICING Y = Priced by 360 Fares N = Manual priced by agent. In Refund/Void MIR, when TRA entry "Y" default, otherwise "N". Travelport+: shows "N", except when a refund for an electronic ticket.
2	F5	245	T50IN4	1	A	Y = 1 FARE BASIS SECTION FOR ALL PASSENGERS All passengers in the MIR are booked and ticketed at the same Fare. N = A different fare exists for at least one of the passengers in the MIR. If Refund/Void default to "Y".
2	F6	246	T50IN5	1	A	Y = STP TICKET ISSUED Ticket generated to a printer at an alternate location. Where TDO this shows Y on TKP. N = Ticket issued locally. If Refund/Void, default to "N".
2	F7	247	T50IN6	1	N	ATB Indicator (Type of ATB Coupons issued). 0 = NON ATB (TAT, OPTAT)



Level	Hex	Dec	Label	Bytes	Type	Description
						1 = ATB (ATB1,OPTAT2) 2 = REPRINTED ATB HQNN(Travelport Apollo System) 3 = MINI-ITIN (Travelport Apollo System) 4 = BOARDING PASS ONLY (ATB OR OPTAT) 5 = ELECTRONIC TICKETING (Electronic Ticketing, not ETDN) 6 = COUPON PRINT FOR A ELECTRONIC TICKET (Travelport Apollo System) 7 = ATB2 8 = OTHER Indicator 5 for electronic ticketing will be the only means by which BOS can identify transactions for printing appropriate wording on accountable documents so that the passenger understands it is an electronic ticket.
2	F8	248	T50IN7	1	A	EXCHANGE TICKET INFORMATION Y = A ticket exchange was issued through Travelport Apollo System or Travelport+ (HBFEX or TKPFEX command), and a Ticket Exchange Section (A10) is present in the MIR. N = No Ticket Exchange information exists. If Refund/Void default to "N".
2	F9	249	T50IN8	1	A	CONJUNCTION NUMBER REQUIRED Y = More than four air segments (Including Surface Segments) are present in the MIR and a conjuncted ticket number is required. N = Four or less air segments exist in the MIR and a conjuncted ticket number is not required. For Refund/Void MIR if more than one ticket shows "Y", otherwise "N".
2	FA	250	T50IN9	1	A	FARE CONSTRUCTION DATA PRESENT Y = Fare Construction Section (A09) is contained in this MIR. N = Fare Construction Section (A09) is not contained in this MIR.



Level	Hex	Dec	Label	Bytes	Type	Description
						For refund/void MIR = "N" except for an electronic ticket.
2	FB	251	T50IN10	1	A	SEAT DATA INFORMATION

Note: In Refund/Void MIR, defaults to "A".

Travelport Apollo System:

The Seat Data Information applies to OPTAT Ticket Types 16 and 18, as well as ATB Ticket Type 69,79,80,90. The stock for these ticket types include boarding passes. OPTAT Ticket Types 15 & 17 do not include boarding passes.

Travelport+:

The Seat Data information applies to OPTAT Ticket Types 16, 18, 20, 22, and 23. TAT and OPTAT types 7, 9, 11, 13, 15, 17, 19, 21 do not include boarding passes. No boarding pass seat data with ATB2 currently.

If producing tickets from the Back Office System using this MIR, the seat data information included in this field may be helpful.

- A = No Seat Data Exists in the PNR/Booking File - "VOID" prints on the boarding pass. Travelport+ will not issue a Boarding Pass if there is no seat data.
- B = Seat Data Exists in the PNR/Booking File, but no boarding pass is issued. This indicator is received for Ticket Types 15 and 17, where boarding pass stock is not included. Where Boarding Pass stock is not included or for segments where Seat Data is present, but the date is outside the date allowance for issuing boarding passes. Travelport+ will not issue a Boarding Pass if it is outside the date of allowance and/or not in the carrier list. Travelport+ Ticket Types 7, 9, 11, 13, 15, 17, 19, 21. (Travelport Apollo System only).
- C = Seat Data Exists - Seat Numbers print on boarding pass only. "VOID" prints on ticket. This occurs when only a boarding pass is requested using the HB9P command. Applies only to Ticket Types 16, 18 and 69,79,80,90 (Travelport Apollo System only).
- D = Seat Data Exists - Seat Numbers print on ticket and boarding pass as appropriate for each segment. HB9B command used or 9B assumed by Travelport Apollo System when the ticket is issued. (Travelport Apollo System only).

A description of Ticket Types can be found in [2K Fare Construction](#).

2	FC	252	T50IN11	1	A	<p>TINS DATA PRESENT</p> <p>Ticket Invoice Numbering System Based on the AAT Table setting for TKTN and INVN (equal to "Y").</p> <p>Y = TINS agency transmission (Option 6). The CRT is linked to ticket and/or itinerary and MIR devices. Travelport Apollo System and Travelport+ issues the ticket and/or invoice and sends the MIR to the Back Office System. If a ticket and an invoice are issued, the ticket and invoice numbers are present in the Passenger Data Section (A02) of the MIR.</p> <p>N = Non-TINS agency transmission (Option 5). The CRT is linked to a MIR device only and the Back Office System issues the ticket.</p> <p>For refund/void MIR = "Y".</p>
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Level	Hex	Dec	Label	Bytes	Type	Description
2	FD	253	T50IN12	1	A	TICKETING COMMAND USED
<ul style="list-style-type: none"> • X = DUAL MIR TRANSMITTED (DXD Command Used) The DXD command has the ability to generate a ticket, itinerary and two MIRs to two different MIR devices. • N = NON-TICKETING MIR (DND Command Used) The DND command transmits a MIR only to the MIR device targeted in the command. This MIR does not enter the fraud package and may or may not contain ticketing information (Ticket and Invoice Numbers). • J = NON-FARING MIR (DJD Command Used) The DJD command transmits a MIR only to the MIR device targeted in the command. This MIR does not enter the fraud package and does NOT contain ANY Fare information (Travelport Apollo System and Travelport+). The DJD command will also transmit a non-faring MIR for non-participant carriers with or without a MIR device targeted in the command (Travelport Apollo System and Travelport+). • A = NON-ACCOUNTING MIR (DAD Command Used) The DAD command transmits a MIR only, to the MIR device the CRT is linked to. Travelport Apollo System: This MIR does not enter the fraud package and does not contain Ticket and Invoices numbers unless entered in the BOS Ticket Remark section (A14). • B = ACCOUNTING MIR (DBD Command Used) The DBD command transmits a MIR only, to the device the CRT is linked to. This MIR does enter the fraud package and should be used when ticketing from the Back Office accounting System. (Travelport Apollo System only) • D = EMD Refund (EMDR). • H = REGULAR MIR (HB or TKP Ticketing Command Used) This MIR is transmitted to the MIR device the CRT is linked to when the HB Ticketing command is used. This ticketing command does enter the fraud package and the MIR contains ticket and invoice numbers as they apply to the format entered and the devices the CRT is linked to. • I = EMD Exchange (EMDI/EXE). • F = EMD Issue (EMDI). • L = Electronic Ticket (DLD Command Used in Travelport Apollo System) Identifies that an Electronic Ticket (no flight coupons printed from the Ticket printer) was issued with this PNR. (Travelport Apollo System only) • G = Global MIR. This issues a Ticket and Itinerary on the CRS the agent is using, a MIR to the MIR device the agent is linked to, and a MIR to the MIR device that the Booking File/PNR has been borrowed from. (DGD Command Used). • C = Cancelled Refund MIR. This shows the issue of a MIR when TRNC is used. (Travelport+ only). • R = Refund MIR. This shows the issue of a MIR with A23 section when on Travelport+ the TRNE entry is used and when on APO the HBRF/RF or HBRF/RP entry is used. • S = Spoiled MIR. This shows the issue of a MIR for a spoiled transaction, when RRSP is used on Travelport Apollo System and TRV is used on Travelport+. It shows when a MIR is generated automatically when an electronic ticket fails. In this situation, a spoiled MIR may be generated if an agent chooses to proceed with a paper ticket. If this occurs, then a spoiled MIR will be generated, followed by a ticketing MIR with H indicator. • U = Unvoid MIR. This shows the issue of a MIR for an unvoided transaction, when RRVU is used on APO and TRU is used on Travelport+. • V= Void MIR. This shows the issue of a MIR for a void transaction, when RRVO is used on APO and TRV is used on Travelport+. It shows when a MIR is generated automatically by HQNN entry. In this case, a void MIR and a ticketing MIR will be generated. • Z = EMD Void (EMDV). 						
2	FE	254	T50IN13	1	N	SITI/SOTO Indicator



Level	Hex	Dec	Label	Bytes	Type	Description
						SITI/SOTO is no longer an IATA requirement. This field is always blank. This field is always blank.
2	FF	255	T50IN14	1	A	TRAVEL ADVISORY Indicator APO: When a Travel Advisory exists, the advisory detail remark will be present in an Associated Remark (Section A15). Y = A Travel Advisory is displayed in the PNR/Booking File. For information regarding travel advisories see the APO Profile TD*DS/ADVIS). N = A Travel Advisory does not apply to this itinerary. Travelport+: "N" filled. If a Refund/Void default to "N".
2	100	256	T50IN15	1	A	GROUP MANAGER DATA PRESENT APO: Y = At least one segment on this itinerary is booked through a GroupManager PNR/BOOKING FILE. The related air segments have additional fields present in the Airline Data Section (A04). N = None of the issued segments are booked through a GroupManager PNR/BOOKING FILE. Travelport+: "N" filled. If a Refund/Void default to "N".
2	101	257	T50IN16	1	A	DIRECT BOOKED Indicator Y = The PNR/Booking File was created through a direct booking application. N = The PNR/Booking File was not created using a direct booking application. If a Refund/Void default to "N".
2	102	258	T50IN17	1	A	DOMESTIC / INTERNATIONAL Indicator (This indicator applies to the entire itinerary and matches the Domestic/International indicator printed on the ticket, as determined by the IATA handbook rules, which uses the



Level	Hex	Dec	Label	Bytes	Type	Description
						Arrival City to decide the setting for this indicator). X = INTERNATIONAL ITINERARY blank = DOMESTIC ITINERARY T = TRANSBORDER ITINERARY (United States, Canada, and Mexico ONLY) For refund MIR shows X, blank or T. For void MIR blank filled.
2	103	259	T50PCC	3	B	PLATING CARRIER CODE When the Issuing/Plating Carrier has a three character code, the Carrier code will exist in this field. APO: "N" filled.
2	106	262	T50ISO	3	A	ISO COUNTRY CODE OF AGENCY Identifies the Country Code of the agency location. APO: "N" filled.

NOTE: IF A DUAL MIR COMMAND IS USED AND AN "X" APPEARS IN LABEL T50IN12, THE FOLLOWING FIELDS (labels T50DMI, T50DST, T50DPC, T50DSQ, T50DLN) ARE INCLUDED IN THE HEADER, OTHERWISE BLANKS ARE SENT.

If this is the "Sender's" MIR, then the information contained in this section relates to the Target MIR. If this is the "Target" MIR, then the information contained in this section relates to the Sender's MIR.

Both MIR devices must be UP in order for all information to appear in the MIR. If the Target Pseudo MIR device is down, then the following information will be missing: Sender's MIR will not have the Dual MIR sequence number and Target MIR will not have the Sender's MIR information.

A Dual MIR command sends two identical MIRs to two different MIR GTIDs. The following example should help to clarify the differences:

SENDER

TARGET PSEUDO CITY CODE	W0P	GK4
MIR GTID	2D8303	2D8109
MIR SEQUENCE NBR	00045	00376

DUAL MIR COMMAND BY SENDER: In APO: HBDXD or in Travelport+: TKPDXD +2D8109+GK4

	MIR 1 /SENDER'S MIR	MIR 2 /TARGET MIR
T50SEQ	00045	00376
T50OUT	2D8303	2D8109
T50TPC	W0P	GK4
T50DST	T	S
T50DPC	GK4	W0P
T50DSQ	00376	00045
T50DLN	2D8109	2D8303

When a Dual MIR issuance is sent within the same pseudo city the only difference between the Sender's MIR and the Target's MIR is the GTID. For example in APO: HB:DXD+2D8109+W0P or in Travelport+: TKPDXD + 2D8109 + W0P.



Level	Hex	Dec	Label	Bytes	Type	Description
Level	Hex	Dec	Label	Bytes	Type	Description
1	109	265	T50DMI	2	A/S	DUAL MIR IDENTIFIER "D:" (Indicates that Dual MIR data exists for this record and the Dual MIR fields follow).
1	10B	267	T50DST	1	A	SENDER / TARGET Indicator S = Sender's MIR information follows. The Sender's MIR contains information relating to the Target MIR. T = Target MIR information follows. The Target MIR contains information relating to the Sender's MIR.
1	10C	268	T50DPC	4	B	PSEUDO CITY CODE (Pseudo city Code related to the DXD command).
1	110	272	T50DSQ	5	N	DUAL MIR SEQUENCE NUMBER (Sequence number assigned by APO/Travelport+ related to the pseudo city code designated in the DXD command).
1	115	277	T50DLN	6	B	DUAL MIR GTID The GTID that the second MIR is directed to. If this is the Target MIR, this field will identify the GTID where the original MIR was sent. If this is the Sending MIR, this field will contain the Target GTID entered in the DXD command.
Note: If an STP ticket is issued, and a MIR label T50IN5 is set to "Y", then the following information is included in the header. Otherwise, blanks are sent.						
1	11B	283	T50SMI	2	A/S	STP IDENTIFIER "S:"
1	11D	285	T50SPC	4	B	HOST PSEUDO CITY CODE (Used for Two Way Split Ticketing). In two way split ticketing, the STP printer prints the passenger coupons, boarding passes and pocket itinerary. The Host printer prints the agents, auditors and charge form coupons.
1	121	289	T50SHP	4	B	HOME PSEUDO CITY CODE



Level	Hex	Dec	Label	Bytes	Type	Description
						APO: used for Three Way Split Ticketing. Travelport+: blank filled. In three way split ticketing, the STP printer prints the passenger coupons, boarding passes and pocket itinerary. The Host printer prints the agents coupon, and the Home printer prints the auditors coupon and the charge form.
1	125	293	T50C04	1	S	Carriage return

1	126	294	T50CNT	48	I	ITEM COUNT (NNN = NUMBER OF ITEMS IN SECTION).
2	126	294	T50CRN	3	N	NUMBER OF CUSTOMER REMARKS APO: One 43 character, "C-" Customer Remark, is allowed per PNR/BOOKING FILE). Travelport+: zero filled.
2	129	297	T50CPN	3	N	NUMBER OF CORPORATE NAMES This section is populated when a "C/ or G/" PNR/BOOKING FILE is created.
2	12C	300	T50PGN	3	N	NUMBER OF PASSENGER ITEMS Relates to the number of passengers transmitted in this MIR.
2	12F	303	T50FFN	3	N	NUMBER OF FREQUENT FLYER ITEMS This pertains to the number of Frequent Flyer numbers entered in this PNR/BOOKING FILE.
2	132	306	T50ARN	3	N	NUMBER OF TICKETED/PRICED AIRLINE SEGMENTS
2	135	309	T50WLN	3	N	NUMBER OF WAITLISTED / NON-PRICED/TICKETED SEGMENTS This is the number of segments Waitlisted, Not Ticketed, or not included in the Filed Fare.
2	138	312	T50SDN	3	N	NUMBER OF SEAT DATA ITEMS
2	13B	315	T50FBN	3	N	NUMBER OF FARE SECTIONS



Level	Hex	Dec	Label	Bytes	Type	Description
						This field reflects the number of fare types in this MIR.
<p>Note: The fare information is broken into three different sections: Fare Value, Fare Basis and Fare Construction. The Fare Value section (A07) contains all fare and tax information associated to this specific fare item and this section appears only once per fare type. The Fare Basis section (A08) contains fare/segment related information (i.e. segment value, fare basis code, etc.)..etc.). and appears once per segment per fare type. The Fare Calculation section (A09) contains the Linear Fare Calculation printed on the ticket, and is sent only once per fare type, unless a manual linear fare is completed and the calculation is different for each passenger.</p> <p>Example: A 3 segment itinerary for two passengers travelling on the same fare contains 1 Fare Value Section, 3 Fare Basis Items and 1 Fare Calculation Section.</p> <p>The MIR Options Table selection "FARE CALC." provides the ability to receive or not receive the (A09) Fare Calculation section.</p>						
2	13E	318	T50EXC	3	N	NUMBER OF TICKET EXCHANGE ITEMS
2	141	321	T50PYN	3	N	NUMBER OF FORM-OF-PAYMENT ITEMS
2	144	324	T50PHN	3	N	NUMBER OF PHONE ITEMS
2	147	327	T50ADN	3	N	NUMBER OF PASSENGER ADDRESS ITEMS Includes W- and/or D- Addresses.
2	14A	330	T50MSN	3	N	NUMBER OF BACKOFFICE/TICKET REMARKS
2	14D	333	T50RRN	3	N	NUMBER OF ASSOCIATED/UNASSOCIATED REMARKS These remarks are associated or unassociated to Airline or Auxiliary segments. The Number of RMA/RMU or RI. Remarks.
2	150	336	T50AXN	3	N	NUMBER OF AUXILIARY SEGMENTS Auxiliary segments include Car, Hotel and Tour Segments).
2	153	339	T50LSN	3	N	NUMBER OF LEISURESHOPPER ITEMS
1	156	342	T50NDC	4	A/S	Conditional label – NDC identifier NDC: (Travelport+ only)
1	15A	346	T50IDC	1	A	NDC indicator
1	157	343	T50C06	1	S	Carriage return - END OF HEADER





DATA SECTIONS

Note: The data area is divided into sections consisting of one or more items with a trailing carriage return. Each section is preceded with a section identifier "Axx". Each section also has an additional carriage return to identify the end of the section. If data is not transmitted, the section is not included in the MIR.

There is no fixed length assigned to any section other than the header.

Identifier	Section Name	Identifier	Section Name
A00	Customer Remark	A16	Auxiliary Data (Cars, Hotel, Tours, SVC Optional Services, etc.)
A01	Corporate/Group Name	A17	Leisureshopper Data
A02	Passenger Data	A18	ETDN Information (Discontinued)
A03	Frequent Flyer Data	A19	Miscellaneous Documents (MCO/TASF)
A04	Airline / Amtrack Data	A20	SSR/OSI Data
A05	Waitlist / Other Air Data	A21	Net Remit (Travelport+)
A06	Travelport Apollo Seat Data (APO)	A22	Galileo Seat Data (Travelport+)
A07	Fare Value Data	A23	Refund Data
A08	Fare Basis Data	A24	Other Fare construction (Travelport+)
A09	Fare Construction Data		
A10	Exchange Ticket Information	A26	Non-host Content Data (Travelport+)
A11	Form of Payment Data	A27	Carrier Fees Data
A12	Phone Data	A28	Other Fare-level Data (Travelport+)
A13	Address Data	A29	EMD Data
A14	BOS/Ticket Remarks	A30	EMD Coupon Data
A15	Associated/Unassociated Remarks	A32	Single Ticket- Service Fee Section (Travelport+)

A00 Customer Remark Section

Note: This section is not available in Travelport+ (Galileo)

In Travelport Apollo System, the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A00SEC	3	B	Section label "A00" Conditional Text Fixed Length



Level	Hex	Dec	Label	Bytes	Type	Description
1	03	03	A00CUS	43	B	CUSTOMER IDENTIFICATION REMARK The Customer Identification remark is entered using the Travelport Apollo system with C- entry or in the Travelport+ system using the Cl. entry. This remark is designed for Selective Access users. This is an open field as long as the Agency does not utilize Selective Access. Only one C- or Cl. Customer Identification remark may be entered per PNR/BF. Optional label Variable length Left justified, blank filled
1	2E	46	A00C01	1	S	Carriage return

<p>Note: Carriage Return “A00C01” is a floating carriage return that applies to the Optional Data Field for the Customer Identification Remark item. It directly follows the Customer Identification Remark field transmitted and will only be omitted if there are no other Optional Data fields that exist in the PNR/BF for the A00 MIR section.</p>						
1			A00ETO		A/S	Email To Address ID TO: Conditional text Fixed length
1			A00EAD		B/S	Email address Optional label, variable length, left justified, blank filled
1			A00C02	1	S	Carriage return

<p>Note: Carriage Return “A00C02” is a floating carriage return related to the Optional Data Field for the Email TO Address. It directly follows the Email TO Address field transmitted and may be omitted if no Email To Address exists in the PNR/BF.</p>						
1			A00CFR	3	A/S	Client File ID CL: Conditional text, fixed length
1			A00PCC	4	B	Pseudo City Owning PCC of Client File Optional label, fixed length, right justified, blank filled
1			A00BAR	21	B	Business File name (BAR) Optional label, fixed length, left justified, blank filled
1			A00PAR	21	B	Personal File name (PAR) Optional label, fixed length, left justified, blank filled
1			A00C03	1	S	Carriage return



Level	Hex	Dec	Label	Bytes	Type	Description

Note: Carriage Return "A00C03" is a floating carriage return related to the Optional Data Field for Client File (BAR-PAR). It directly follows the Client File (BAR-PAR) field transmitted and may be omitted if no Client File (BAR-PAR) exists in the PNR/BF.						
1			A00C04	1	S	Carriage return Indicates the end of the Customer Identification Remark section.

A01 Corporate/Group Name Section

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A01SEC	3	B	Section label "A01"
1	03	03	A01CPI	33	B	Corporate name Created when using a C/ In Travelport Apollo System or G/ in Travelport+ for the PNR/Booking File.
1	24	36	A01C01	1	S	Carriage return
1	25	37	A01C02	1	S	Carriage return - END OF SECTION

A02 Passenger Data Section

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A02SEC	3	B	Section label "A02"
1	03	03	A02NME	33	A	Passenger name For airline document issuance, each passenger is issued an individual ticket. If this is a multiple passenger PNR/Booking File and all tickets are issued in one entry, there is a separate line of data for each passenger. Electronic ticketing only: if ET fails and a spoiled MIR is generated, then this field is blank filled.



Level	Hex	Dec	Label	Bytes	Type	Description
						Travelport Apollo System: In an Amtrak ticket, more than one name may appear in the Passenger Name Section, because only one Amtrak ticket is issued for the entire party.
1	24	36	A02TRN	11	N	Transaction number (TCN Number) This is an assigned number which is unique to this transaction. If the agency uses OPTAT Ticket Stock, the TCN number also appears on the extreme lower left hand corner of the ticket. Zero or blank filled when data not available for Refund/Void MIR. TCN does not appear in MIR generated using TKPDAD.

Note: TCN CALCULATION:

Example: 249 034685 0 2

- 249 = (First Three Characters) Julian Date
- 034685 = (Next Six Characters) Travelport Apollo System or Travelport+ Ticket Sequence Number
- 0 = Pricing Code
- 2 = Check Digit (Calculated by dividing the CRS code and its check digit code plus TCN Number - Total 14 numbers - by 7).

Pricing Codes:

- 0 = Auto Priced by Travelport Apollo System or Travelport+
- 1 = Manual pricing Travelport+
- 3 = Auto Priced by Travelport Apollo System - Z override (non FIC)
- 5 = Manually Priced by Fill-In-Format (Pricing Record) Travelport Apollo System
- 6 = Agent Designated Pricing (FIC Pricing) Travelport Apollo System
- 7 = Rules Override (FIC that failed rules) Travelport Apollo System
- 8 = Manually Priced by Fill-In-Format Travelport Apollo System
- 9 = Agent Designated Pricing (FIC) - Commission (Z) Override Travelport Apollo System

It should be noted that Option 5 ticket printing in the USA uses this data. In Europe it is not used for non-core ticketing.

1	2F	47	A02TIN	22	I	Ticket/Invoice numbers
2	2F	47	A02YIN	1	N	Year indicator Last digit of the year that the ticket was issued (e.g., "6")
2	30	48	A02TKT	10	N	Ticket number Where there is more than one ticket number, this field shows the first ticket number.



Level	Hex	Dec	Label	Bytes	Type	Description
						Travelport+: if filed fare is already ticketed, using TKPDAD will include ticket number. Electronic ticketing only: if an ET fails in a multi-ticket situation, then only one spoiled MIR is sent with the first ticket number. Zero filled for spoiled MIR.
2	3A	58	A02NBK	2	N	Number of ticket books Zero filled unless it's a Non-Air PNR/Booking File, then it is blank filled. Electronic ticketing only: if an ET fails in a multi-ticket situation, then this field shows the number of books spoiled.
2	3C	60	A02INV	9	B	Invoice number The invoice number is assigned by the Travelport Apollo System/Travelport+ TINS package or system generated. If missing (not linked to Itinerary Device or issued using one of the "D" modifiers, i.e. DAD, DBD, DND, or DJD), field is blank. Travelport+: As above, but the SG ticket modifier will assign a system generated number to an itinerary/invoice, (not from TINs).
1	45	69	A02PIC	6	B	Passenger identification code/description *PIC or *PD These codes are used to store special fare information applicable to each individual passenger. The *PIC/*PD codes may vary from time to time. A current list can be displayed in the HELP MOD* Profile found in Travelport Apollo System, or H/P in Travelport+ help. A copy of a previous list is also included as Appendix B in this document.
1	4B	75	A02FIN	2	N	Associated fare item number for passenger This number identifies which fare is associated with which passenger. The same number will also appear



Level	Hex	Dec	Label	Bytes	Type	Description
						<p>in the following sections as the Fare Section Indicator:</p> <ul style="list-style-type: none"> • A07 = Fare Value Section as the Fare Section Indicator • A08 = Fare Basis Section as the Fare Section ID • A09 = Fare Construction Section as the Fare Section ID <p>When one fare basis and one fare exists for all passengers, this number may be "01" for all passengers.</p> <p>Blanks are sent in this field if fare data does not exist.</p>
1	4D	77	A02EIN	2	N	<p>Associated exchange item number for passenger</p> <p>If a Ticket Exchange is performed in this transaction "HBFEX/TKPFEX", the Ticket Exchange Section (A10) item for this passenger is contained in this field and is associated to the related Exchange item in section A10. If Exchange data does not exist, this field is left blank.</p>
1			A02FFN	1	A	<p>Multiple filed fares indicator</p> <p>Travelport+ only: Y/N indicator</p> <ul style="list-style-type: none"> • N – indicates either that this is the last MIR in the sequence or this is the only MIR. • Y – indicates that further MIRs with the same booking file reference sent in the same input. <p>This refers to making the entry TKP when more than one unticketed filed fare exists. A separate MIR is generated for each filed fare.</p>
1	4F	79	A02C01	1	S	Carriage return

Note: The following fields are only sent if data exists for them. If no data exists, then an End of Item indicator (carriage return) is sent and the next passenger item follows.

****OPTIONAL DATA**** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers to locate desired information.

Name Related Information is generally entered in the LeisureShopper booking process, however, it may also be entered in PNR/Booking Files that do not contain LeisureShopper segments. To enter this information



Level	Hex	Dec	Label	Bytes	Type	Description
<p>into any PNR use the format: "NI1-1" (Name Related Information for name one, passenger one). Then "T:" for Title, "A:" for Age, "G:" for Gender, "S:" for Smoking preference, "C:" for Country Code, and "P:" for Passport Number and Validity Date (a space before the age is mandatory). In Travelport+, the use of PI.D and N.P1 entries apply. In Travelport+, freetext of 25 characters using PI.D is excluded.</p> <p>Example in Travelport Apollo System: NI1-1T:TECHNICIAN/A:29/G:M/S:N/C:US/P:M071864SLM A-18JUL03</p> <p>Example in Travelport+: N.P1@*FREETEXT</p>						
1			A02PN1	3	A/S	Name field remarks identifier NR:
1			A02PNR	33	B	<p>Name field remarks</p> <p>Name Field Remarks are added to the PNR/Booking File by following the Passenger Name with an "*" character and a maximum of 33 characters of information. The information following the "*" is contained in this field.</p> <p>Example:</p> <p>Travelport Apollo System: N:MORGAN/SHARI*COVNV-C098475</p> <p>Travelport+: N.MORGAN/SHARI@*COVNV-C098475</p> <p>It is now possible (November 2006) to include a Passenger Type Code (PTC) in the name field remark. When the user makes the entry FQ the system will read the PTC in the name field remark saving the user from adding the PTC to the FQ entry (although adding it to the FQ entry will override the data in the name remark). The data entered in the name remark will appear in this field in addition to any other data the user may include.</p>
1			A02PT1	2	A/S	Passenger title identifier T:
1			A02PTL	13	A	Passenger title
1			A02PA1	2	A/S	Passenger age identifier A:
1			A02PA2	3	N	Passenger age
1			A02PG1	2	A/S	Passenger gender identifier G:



Level	Hex	Dec	Label	Bytes	Type	Description
1			A02PG2	1	A	Passenger gender <ul style="list-style-type: none"> F = Female M = Male
1			A02PS1	2	A/S	Passenger smoking preference identifier S:
1			A02PSP	1	A	Passenger smoking preference <ul style="list-style-type: none"> Y = Prefers smoking N = Prefers non-smoking
1			A02PC1	2	A/S	Passenger country of citizenship identifier C:
1			A02PCC	2	A	Passenger country code of citizenship
1			A02PP1	2	A/S	Passenger passport number identifier P:
1			A02PPN	33	B	Passenger passport number
1			A02PD1	2	A/S	Passenger passport expiration date identifier D:
1			A02PDE	7	B	Passenger passport expiration date (Format: DDMMYY)
<p>Note: This Optional Data Item will only appear for ATB and certain other markets ticketing, when issued. The item repeats. (This Data is only in Void/Unoid/Spoiled MIRs on Travelport Apollo System).</p>						
1			A02SCI	3	A/S	Stock control number identifier SC:
1			A02SCD	2	N	Number of documents issued, associated to this ticket Blank filled on Travelport Apollo System.
1			A02SCN	11	N	Stock control number For ATB and some OPTAT market Tickets, the Stock Control Number is the number entered in the TINS Table.
1			A02SCA	4	N	Number of documents issued, associated to this ticket This is the number of accountable cards printed, including Agents and Auditors coupons, etc.. Travelport+: Where documents are issued at an STP



Level	Hex	Dec	Label	Bytes	Type	Description
						only the coupons issued at the host site are reported in these fields.
1			A02FQI	3	A/S	Fare quote status identifier SI:
			A02FQS	1	A	Fare quote status code Explanation: <ul style="list-style-type: none">• A = Autopriced Airline Private Fare• B = Manually built fare• C = Computer generated• G = Autopriced by Travelport+• H = Host airline guarantee• M = A manual fare. Pricing modifier was used to obtain the fare• N = Fare no longer 'guaranteed' as fare not ticketed within the required time period• P = Agency Private Fare was used• R = The fare has been restored by the agent for re-ticketing.• X = Expired filed fare• Z = Agency Private Fare was used with no rules override
1			A02ENI	3	A/S	Expanded name identifier EN:
1			A02EXN	55	A	Expanded name of passenger
1			A02PMI	3	A/S	Pricing modifier identifier PM:
1			A02PRM	10	B	Pricing modifier
1			A02TLI	3	A/S	Last date to purchase ticket identifier TL: Travelport+ only
1			A02TLD	8	N	Last date to purchase ticket (Format: DDMMYY") Travelport+ only



Level	Hex	Dec	Label	Bytes	Type	Description
1			A02C35	4	A/S	Category 35 identifier C35:
1			A02I35	1	A	Category 35 indicator
1			A02DTI	3	A/S	Date of ticket issue identifier TD
1			A02DTE	7	B	Date of ticket issue (Format: DDMMYY)
1			A02PRI	4	A/S	Passenger specific commission rate identifier PCR:
1			A02PCR	4	N	Passenger specific commission rate If commission is not applicable, field contains zeros.
1			A02PAI	4	A/S	Passenger specific commission amount identifier PCA:
1			A02PCA	11	N	Passenger specific commission amount If commission is not applicable, field contains zeros.
1			A02C02	1	S	Carriage return
<p>Note: Carriage Return "A02C02" is a floating carriage return related to the Optional Data fields. This carriage return is located after the last Optional Data field present in this Passenger Item, or is omitted, if no Optional Data fields exist for this passenger.</p>						
1			A02C03		S	Carriage return - This carriage return indicates the end of the Passenger Data Section and follows the last Passenger Item.

Notes:

- The new optional data identifier and associated data field will only be sent in the MIR if data exists for them; otherwise, they will be omitted.
- All examples and other inserts associated with system output are provided for illustration purposes only. They are provided as illustrative examples of system functionality.

Currently the Travelport Apollo System HB:DAD non-accountable MIR does not include the air ticket number in MIR field A02TKT and the number of ticket books in MIR field A02NBK as included at time of ticketing. With this enhancement, the air ticket number will be included in MIR field A02TKT and the number of ticket books will be included in MIR field A02NBK for a non-accountable MIR along with the date of ticket issue.



A03 Frequent Flyer Section

In Travelport Apollo System and Travelport+ the MIR Options table can be used to determine whether this section is sent, or not.

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A03SEC	3	B	Section label "A03"
1	03	03	A03FFP	21	A	Frequent flyer passenger name The passenger name appears only once for each passenger.
1	18	24	A03FCC	2	B	Frequent flyer carrier code
1	1A	26	A03FSP	1	I	Blank (space) / separator
1	1B	27	A03FFN	20	B	Frequent flyer number; right justified
1	2F	47	A03CAI	1	I	Cross accrual indicator <ul style="list-style-type: none"> Y = Cross Accrual Data is present N = No Cross Accrual Data is present. <p>Note that Cross Accrual has to be "switched on" by Travelport+ on a pseudo city by pseudo city basis by amending field CATV in the agency AAT. This may not occur in all agencies in all markets.</p> <p>This field is used in Travelport+ only. In APL always set to N</p>
1	30	48	A03CAA	30	B	Cross accrual carrier list Up to 10 carrier codes may be listed. A slash will occur between each code. Blank filled if all 10 not present. If one of these carriers exists in the PNR/Booking File accrue miles to the carrier/card account in A03FFC and A03FFN Travelport+ only
1	4E	78	A03C01	1	S	Carriage return
Note: All Frequent Flyer information entered in the PNR/Booking File is transmitted in the MIR. All Frequent Flyer Data for the first passenger is grouped together before data appears for the next passenger.						
1			A03C02	1	S	Carriage return This carriage return indicates the end of the Frequent Flyer Data Section and follows the last Frequent Flyer Item.



A04 Airline Data Section

Level	Hex	Dec	Label	Bytes	Type	Description
<p>Note: In Travelport Apollo System the Air Data Section contains information on PNR segments where the status is Confirmed, Sold, Open, and Waitlisted. The section contains ticketed segments.</p> <p>In Travelport+ the Air Data Section contains information on segments contained in the Filed Fare, irrespective of segment status. The section may contain ticketed and non-ticketed segments. Where a Booking File has a Passenger with no filed fares, all segments will appear.</p> <p>For ARNK segments: Travelport Apollo System ignores ARNK segments Travelport+:</p> <p>a) No filed fare, ARNK appears in A04 section. For example: A0401KL074KLM ROYAL DU etc. A0402 ARNK</p> <p>b) With filed fare, all segments included in the filed fare, including ARNK, appear in A04 section. For example: A0401KL074KLM ROYAL DU etc. A0402 ARNK A0403KL074KLM ROYAL DU etc.</p> <p>c) With filed fare, segment selected (e.g. FQS3), and ARNK not part of the segment select, appears in A05 section. For example: A0403LK074KLM ROYAL DU etc. A0501KL074KLM ROYAL DU etc. A0502 ARNK</p> <p>d) With filed fare, segment selected (e.g. FQS1.2), and ARNK part of the segment select, appears in A04 section. For example: A0401KL074KLM ROYAL DU etc. A0402 ARNK A0403LM074KLM ROYAL DU etc.</p> <p>A0504BD235BRITISH MIDL etc.</p> <p>For Air Taxi segments the only fields transmitted are the Section Label (A04SEC), the Itinerary Index (A04ITN). An "*" appears in the Airline Code field (A04CDE) on Travelport Apollo System, Travelport+ populates with the airline code when available.</p>						
1	00	00	A04SEC	3	B	Section label "A04"
1	03	03	A04ITN	2	N	Itinerary index number (segment number) This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. The sequence will not be consecutive in the airline data section if auxiliary segments exist in the PNR/Booking file.
1	05	05	A04CDE	2	B	Airline code
1	07	07	A04NUM	3	N	Airline number



Level	Hex	Dec	Label	Bytes	Type	Description
1	0A	10	A04NME	12	B	Airline name
1	16	22	A04FLT	4	N	Flight number
1	1A	26	A04CLS	2	B	Class of service This is the booked class of service.
1	1C	28	A04STS	2	A	Status Status codes transmitted in the MIR: <ul style="list-style-type: none">• HK = Holding Confirmed• HL = Holding Waitlist• BK = Passive Sold Segment, or Booked outside• BL = Booked outside and Waitlisted• BN = Booked outside and Requested• AK = Confirmed outside• AL = Waitlist outside• AN = Requested outside• GK = Passive Sold Segment• NO = Open Segment• PB = Holding Waitlist ** This is not a complete list but an example of possible codes.
1	1E	30	A04DTE	5	B	Departure date (Format: DDMMM)
1	23	35	A04TME	5	B	Departure time When 24 hour clock is used, time is left justified.
1	28	40	A04ARV	5	B	Arrival time When 24 hour clock is used, time is left justified. Blank filled when electronic ticket.
1	2D	45	A04IND	1	N	Next day arrival indicator Indicates when the flight will arrive at the destination city. <ul style="list-style-type: none">• 1 = Previous day arrival• 2 = Same day arrival• 3 = Next day arrival• 4 = 2 days later arrival Blank filled when electronic ticket.
1	2E	46	A04OCI	16	I	Origin city information
2	2E	46	A04OCC	3	A	Origin city code



Level	Hex	Dec	Label	Bytes	Type	Description
2	31	49	A04OCN	13	A	Origin city name
1	3E	62	A04DCI	16	I	Destination city information
2	3E	62	A04DCC	3	A	Destination city code
2	41	65	A04DCN	13	A	Destination city name
1	4E	78	A04DOM	1	A	Domestic/International indicator <ul style="list-style-type: none"> • D = Domestic CRT, Origin City and Destination City are all in the same country. • I = International Either the CRT, Origin City or Destination City is in a different country.
<p>Note: In Travelport Apollo System, this indicator compares the Country Code for Board and Off Cities to the CRT Location. (This indicator does not necessarily match the indicator on the ticket.) In Travelport+, the boarding point determines if Domestic or International.</p>						
1	4F	79	A04SET	1	A	Seat indicator <ul style="list-style-type: none"> • N = Do Not Print Seat Data on the Boarding Pass if Header label T50IN10 is "A" or "B". • Y = Print Seat Data on the Boarding Pass if Header label T50IN10 is "C" or "D". Travelport+: will always show "N". Travelport Apollo System: will show "N" only with Void MIR.
1	50	80	A04SVC	4	A	Meal codes <ul style="list-style-type: none"> • A = Audio (Travelport Apollo System) • B = Breakfast • C = Alcohol no cost • D = Dinner • F = Food Available for Purchase • H = Hot meal • K = Continental breakfast • L = Lunch • M = Meal • O = Cold meal • P = Alcohol to purchase



Level	Hex	Dec	Label	Bytes	Type	Description
						<ul style="list-style-type: none"> R = Refreshment S = Snack or Brunch ** This is not a complete list but an example of possible codes.
1	54	84	A04STP	1	A	Stopover indicators X = (Connection) No Stopover O = Stopover
<p>Note: In Travelport Apollo System, regardless of how the fare is calculated and shown in the Linear Fare Construction area of the ticket (MIR Section A09), the X/O indicators shown preceding the To/From cities on the ticket are calculated based solely on the four hour connection rule (i.e. less than or equal to four hours = connection, more than four hours = stopover). In Travelport+, the indicator matches the ticket to indicate whether a stopover at the arrival point is permitted.</p>						
1	55	85	A04STO	1	N	Number of stops
1	56	86	A04BAG	3	B	Baggage allowance (Example: 2PC or 70K) This data is programmatically entered by Travelport Apollo System/Travelport+ based on fare quote information stored per flight segment. Baggage Allowance information may also be entered by the agent, using the format: Travelport Apollo System: T:\$BGBG3PC or 70K. Travelport+: FBUBG/30K. This data is only present when a fare is also present in the PNR/Booking File.
1	59	89	A04AIR	4	B	Type of aircraft This is the airimp code.
1	5D	93	A04DTR	3	B	Departure terminal Travelport+: blank filled however see preamble to A15 section for equivalent functionality.
1	60	96	A04MIL	5	N	Nautical miles Travelport Apollo System/Travelport+: These miles are based on Longitude and Latitude lines and calculations. They do not represent Frequent Flyer miles, although they may be close to the number of miles awarded in Frequent Flyer programs.
1	65	101	A04FCI	1	A	Flight coupon indicator This indicator identifies how this segment applies to the ticket coupon that is printed or used.



Level	Hex	Dec	Label	Bytes	Type	Description
						<ul style="list-style-type: none"> F = Air transportation BLANK = Coupon not used (SURFACE/ARNK) Currently Travelport Apollo System/Travelport+ only sends actual flight segments in the MIR, so only "F" should appear in this field.
1	66	102	A04SIC	1	N	Segment identifier Travelport Apollo System: This identifier indicates the coupon number used in the ticket book. Each Ticket Book has a maximum of four coupons. The only numbers you will see in this field are 1,2,3,4. Travelport+: Blank filled.
<p>Note: The following fields are only sent if data exists for them. If no data exists, then an End of Item indicator (carriage return) is sent and the next airline data item will follow.</p> <p>**Optional data** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers to locate desired information.</p>						
1			A04COG	4	A/S	Change of gauge ID "COG:" A Change of Gauge flight exists when a flight makes a stop at a city prior to the final destination and changes the aircraft equipment, but not the flight number, before continuing on to the final destination. Example: UA flight 918 from Denver to London. The flight makes a stop in Washington D.C. at the Dulles airport. The equipment used from Denver to Dulles is a DC10, the equipment used for the Dulles to London portion of the flight is a 747.
1			A04CGC	3	A	Intermediate city code This is the city code of the downline cities in the schedule for this flight. In the above example, IAD would appear here for Dulles and LHR would appear for London.
1			A04CGN	13	A	Intermediate city name
1			A04CGD	1	N	Next day arrival indicator Indicates when the flight will arrive at the downline city. <ul style="list-style-type: none"> 1 = Previous day arrival 2 = Same day arrival 3 = Next day arrival 4 = 2 days later arrival
1			A04CGT	5	B	Departure time from intermediate city



Level	Hex	Dec	Label	Bytes	Type	Description
						When 24-hour clock is used, time is left justified. Otherwise shows AM and PM.
<p>Note: The change of gauge fields are repeatable for all downline flights and will always appear at least twice. In the Denver to London example, the information for the Dulles departure will appear first, followed by the information for the arrival in London.</p> <p>Example: COG:IADWASH/DULLES 21228PLHRLONDON/HEATHR3</p>						
1			A04GCR	4	A/S	Group control record ID GCR: Travelport Apollo System only: This identifier indicates flight was booked using the GroupManager product.
1			A04GRR	6	B	Group control record locator This is the record locator for the GCR that exists in GroupManager for this flight.
1			A04AFC	3	A/S	Affiliated carrier ID AC: This identifier indicates that an associated airline actually operates this flight. For example, a flight scheduled as United Airlines that is actually flown by Air Wisconsin or British Midland.
1			A04ACC	12	A	Affiliated carrier name
1			A04FFI	3	A/S	Frequent flyer miles ID FF:
1			A04FFM	5	N	Frequent flyer miles
<p>Note: Frequent Flyer Miles information is not available from the airlines today. We are anticipating that it will be available sometime in the near future and will fill these fields at that time.</p>						
1			A04TKI	3	A/S	Ticketed indicator ID TK: Travelport+ only.
1			A04TKT	1	B	Ticketed indicator Indicates if the segment has been ticketed. <ul style="list-style-type: none"> • Y = Ticketed • N = Not ticketed
1			A04JTI	3	A/S	Journey time indicator ID JT: Travelport+ only.
1			A04JTM	5	N	Total duration of journey time by segment This is a 5 character numeric field, zero filled, indicating the total duration of the flight segment. The data sent in the MIR is



Level	Hex	Dec	Label	Bytes	Type	Description
						in the same format as held in the Time Table display with the addition of a dot between the hours and minutes characters i.e. nn.nn e.g. the Time Table display will show 1030; the MIR will send 10.30.
1			A04ANL	4	A/S	Airline name long ANL:
1			A04NML	24	B	Airline name
1			A04ACL	4	A/S	Affiliated carrier ID long ACL: "This identifier indicates that an associated airline actually operates this flight. For example, a flight scheduled as United Airlines that is actually flown by Air Wisconsin or British Midland.
1			A04ACN	40	B	Affiliated carrier name
1			A04DDL	4	A/S	Departure date long DDL:
1			A04DTL	7	B	Departure date long (Format: DDMMYY)
1			A04C01	1	S	Carriage return
Note: Carriage Return "A04C01" is a floating carriage return related to the Airline Data Item. This carriage return is located after the last Optional Data field present in this Airline Item.						
1			A04C02	1	S	Carriage return This carriage return indicates the end of the Airline Data Section and follows the last Airline Item.

A04 Amtrak /Rail Section

NOTE This section is not used in GCS

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A04SEC	3	A/S	Section label "A04"
1	03	03	A04ITN	2	N	Itinerary index number (segment number) This is the numeric sequence (from first to last) of the passenger's air, rail and auxiliary segment itinerary. The sequence will not be consecutive in the Rail data section if auxiliary segments exist in the PNR/Booking File.
1	05	05	A04CDE	2	B	AMTRAK / Rail code



Level	Hex	Dec	Label	Bytes	Type	Description
1	07	07	A04NUM	3	N	AMTRAK / Rail number (Zero filled)
1	0A	10	A04NME	12	B	AMTRAK / Rail name (As stored in Travelport Apollo System)
1	16	22	A04FLT	4	N	Train number
1	1A	26	A04CLS	2	B	Class of service Affiliated Carrier Information, if it exists, is found in this field. i.e. TW = Trailways Bus.
1	1C	28	A04STS	2	A	Status Status Codes transmitted in the MIR: HK = Holding Confirmed
1	1E	30	A04DTE	5	B	Departure date (Format: DDMMM)
1	23	35	A04TME	5	B	Departure time When 24 hour clock is used, time is left justified.
1	28	40	A04ARV	5	B	Arrival time When 24 hour clock is used, time is left justified.
1	2D	45	A04IND	1	N	Next day arrival indicator Indicates when the train will arrive at the destination city. 1 = Previous day arrival 2 = Same day arrival 3 = Next day arrival 4 = 2 days later arrival
1	2E	46	A04OCI	16	I	Origin city information
2	2E	46	A04OCC	3	A	City code
2	31	49	A04OCN	13	A	City name
1	3E	62	A04DCI	16	I	Destination city information
2	3E	62	A04DCC	3	A	City code
2	41	65	A04DCN	13	A	City name
1	4E	78	A04DOM	1	A	Domestic/International Indicator <ul style="list-style-type: none"> D = Domestic CRT, Origin City and Destination City are all in the same country. I = International Either the CRT, Origin City or Destination City is in a different country.
Note: This indicator compares the Country Code for Board and Off Cities to the CRT Location.						
1	4F	79	A04NNN	1	I	Indicator



Level	Hex	Dec	Label	Bytes	Type	Description
						Reserved for future use
1	50	80	A04BLK	4	I	Blanks
1	54	84	A04STP	1	A	Stopover indicators X,O These indicators identify special rail pricing, not stopovers.
1	55	85	A04STO	1	N	Number of stops
1	56	86	A04BNK	10	I	Blanks
1	60	96	A04MIL	5	N	Nautical miles These miles are based on Longitude and Latitude lines and calculations. They do not represent Frequent Flyer miles, although they may be close to the number of miles awarded in Frequent Flyer programs.
1	65	101	A04FCI	1	A	Flight coupon indicator This indicator identifies how this segment applies to the ticket coupon that is printed or used. <ul style="list-style-type: none"> F = Air transportation V = Void R = Refud BLANK = Coupon not used (SURFACE/ARNK) Currently Travelport Apollo System only sends actual flight segments in the MIR, so only "F" should appear in this field.
1	66	102	A04SIC	1	N	Segment identifier This identifier indicates the coupon number used in the ticket book. Each Ticket Book has a maximum of four coupons. The only numbers you will see in this field are 1,2,3,4.
1			A04C01	1	S	Carriage return
Note: Carriage Return "A04C01" is a floating carriage return related to the Amtrak/Rail Data Item. This carriage return is located after the last Data field present in this Amtrak/Rail Item.						
1			A04C02	1	S	Carriage return This carriage return indicates the end of the Amtrak/Rail Data Section and follows the last Amtrak/Rail Item.



A04 Waitlisted Segment/ Other Air Segment Section

In Travelport Apollo System and Travelport+ the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Level	Hex	Dec	Label	Bytes	Type	Description
<p>Note: In Travelport Apollo System, this section contains information on PNR segments where the status is waitlisted, but not included in the fared/ticketed itinerary.</p> <p>For ARNK segments: Travelport Apollo System: ignores ARNK segments Travelport+: a) No filed fare, ARNK appears in A04 section. For example: A0401KL074KLM ROYAL DU etc. A0402 ARNK</p> <p>b) With filed fare, all segments including ARNK appears in A04 section. For example: A0401KL074KLM ROYAL DU etc. A0502 ARNK A0403KL074KLM ROYAL DU etc.</p> <p>c) With filed fare, segment selected, and ARNK not part of the segment select, appears in A05 section. For example: A0403LK074KLM ROYAL DU etc. A0501KL074KLM ROYAL DU etc. A0502 ARNK</p> <p>d) With filed fare, segment selected, and ARNK part of the segment select, appears in A04 section. For example: A0401KL074KLM ROYAL DU etc. A0402 ARNK A0403LM074KLM ROYAL DU etc. A0504BD235BRITISH MIDL etc.</p>						
1	00	00	A05SEC	3	B	Section label "A05"
1	03	03	A05ITN	2	N	Itinerary index number (Segment Number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. The sequence will not be consecutive in the Waitlisted Segment data section if auxiliary segments exist in the PNR/Booking File.
1	05	05	A05CDE	2	B	Airline code
1	07	07	A05NUM	3	N	Airline number
1	0A	10	A05NME	12	B	Airline name (As stored in Travelport Apollo System/Travelport+).
1	16	22	A05FLT	4	N	Flight number
1	1A	26	A05CLS	2	B	Class of service
1	1C	28	A05STS	2	A	Status Travelport Apollo System: Status Codes transmitted in the MIR RQ = Waitlisted Segment Travelport+: Status of each air segment in the Booking File but not in the Filed Fare:



Level	Hex	Dec	Label	Bytes	Type	Description
						<ul style="list-style-type: none">• HK = Holding Confirmed• HL = Holding Waitlist• BK = Passive Sold Segment• BL = Booked outside and Waitlisted• BN = Booked outside and Requested• AK = Confirmed outside• AL = Waitlist outside• AN = Requested outside• NO = Open Segment ** This is not a complete list but an example of possible codes.
1	1E	30	A05DTE	5	B	Departure date (Format: DDMMM)
1	23	35	A05TME	5	B	Departure time When 24 hour clock is used, time is left justified.
1	28	40	A05ARV	5	B	Arrival time When 24 hour clock is used, time is left justified.
1	2D	45	A05IND	1	N	Next day arrival indicator Indicates when the flight will arrive at the destination city. <ul style="list-style-type: none">• 1 = Previous Day Arrival• 2 = Same Day Arrival• 3 = Next Day Arrival• 4 = 2 Days Later Arrival
1	2E	46	A05OCI	16	I	Origin city information
2	2E	46	A05OCC	3	A	Origin city code
2	31	49	A05OCN	13	A	Origin city name
1	3E	62	A05DCI	16	I	Destination city information
2	3E	62	A05DCC	3	A	Destination city code
2	41	65	A05DCN	13	A	Destination city name
1	50	78	A05SVC	4	A	Meal codes <ul style="list-style-type: none">• A = Audio (Travelport Apollo System)• B = Breakfast• C = Alcohol no cost• D = Dinner• F = Food Available for Purchase• H = Hot meal• K = Continental breakfast• L = Lunch• M = Meal



Level	Hex	Dec	Label	Bytes	Type	Description
						<ul style="list-style-type: none"> • O = Cold meal • P = Alcohol to purchase • R = Refreshment • S = Snack or Brunch
1	54	82	A05STP	1	A	Stopover indicators <ul style="list-style-type: none"> • X = (Connection) No Stopover • O = Stopover
1			A05C01	1	S	Carriage return
Note: Carriage Return "A05C01" is a floating carriage return related to the Waitlisted/Other Air Segment Data Item. This carriage return is located after the last data field present in this waitlisted segment.						
1			A05C02	1	S	Carriage return This carriage return indicates the end of the Waitlisted/Other Air Segment Data Section and follows the last Waitlisted/Other Air Segment Item.

A06 Travelport Apollo System Seat Data Section

In Travelport Apollo System the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Note: This section is not used in Travelport+ (Galileo).

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A06SEC	3	B	Section label "A06"
1	03	03	A06SEG	2	N	Itinerary index number (segment number) This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. The sequence relates the seat assignment to the Air Segment and is not consecutive in the Seat Data Section if auxiliary segments exist in the PNR/Booking File.
1	05	05	A06SEN	3	B	Seat number
1	08	08	A06SMK	1	A	Smoking indicator <ul style="list-style-type: none"> • N = Non-smoking - "NO" prints on the boarding pass. • Y = Smoking - "YES" prints on the boarding pass. • U = Unknown - Boarding indicator is blank.



Level	Hex	Dec	Label	Bytes	Type	Description
Note: The Seat Number and Smoking Indicator is repeated for each passenger until there are no more passengers.						
1			A06C01	1	S	Carriage return
Note: Carriage Return "A06C01" is a floating carriage return related to the Seat Data Item. It will follow the last seat assignment for the each individual airline segment						
Note: The following fields are only sent if data exists for them. If no data exists, then an End of Item indicator (carriage return) is sent and the next seat data item follows. **OPTIONAL DATA** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers to locate desired information.						
1			A06COG	4	A/S	Change of gauge ID COG:
1			A06SEN	3	B	Seat number
1			A06BLK	1	I	Blank
Note: A Change of Gauge Flight exists when a flight makes a stop at a city prior to the final destination and changes the aircraft equipment, but not the flight number, before continuing on to the final destination. (Example: UA flight 918 from Denver to London. The flight makes a stop in Washington D.C. at the Dulles airport. The equipment used from Denver to Dulles is a DC10, the equipment used for the Dulles to London portion of the flight is a 747). This Optional Data Item will only appear if the Airline Data Section contains the labels A04COG, A04CGC, A04CGN, A04CGD, and A04CGT as optional data fields. The Seat Number is repeated for each passenger until there are no more passengers. A maximum of 1 Change of Gauge seat assignment is transmitted for each airline segment. Change of Gauge Seat Information will not be sent for the downline segment, if seat data is not available for the original segment. (i.e. Denver to Dulles)						
1			A06C02	1	S	Carriage return
Note: Carriage Return "A06C02" is a floating carriage return related to the Change of Gauge Seat Information in the Seat Data Item. This carriage return is located after the last Change of Gauge Seat Number for each airline segment. If no Change of Gauge Seat information exists, this carriage return is omitted.						
1			A06C03	1	S	Carriage return This carriage return indicates the end of the last Seat Data Section and follows the last seat item in this record.

A07 Fare Value Section

Level	Hex	Dec	Label	Bytes	Type	Description
Note: All Fare Values are blank filled, right justified, with the appropriate decimal place. Also, only one Fare Value Section is transmitted for each fare type.						



Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A07SEC	3	B	Section label "A07"
1	03	03	A07FSI	2	N	Fare section indicator This indicator identifies which fare is associated with which passenger. This number should match the related passenger number found in the "Associated Fare Item Number for Passenger," (label A02FIN) in the Passenger Data Section (A02).
1	05	05	A07CRB	3	A	Currency code for fare basis
1	08	08	A07TBF	12	N/S	Base fare amount
1	14	20	A07CRT	3	A	Currency code for total amount
1	17	23	A07TTA	12	N/S	Total amount
1	23	35	A07CRE	3	A	Currency code for equivalent amount
1	26	38	A07EQV	12	N/S	Equivalent amount This is the Base Fare equivalent amount as calculated from the Currency and Amount in the Base Fare Field.

Note: OPTIONAL DATA** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers to locate desired information.

1			A07NRI	3	A/S	Net remit ID code NR: Travelport Apollo System only.
1			A07NRT	8	N/S	Net remit amount Travelport Apollo System only.

Note: In Travelport Apollo System, this field is created through a special ticketing command (NR\$XXXXXXXXX), and should be considered as optional data.
In Travelport+, NET REMIT data can be found in section A21.

Note: The number of taxes allowed in the fare value section have increased to a maximum of 5 in Travelport Apollo System. However, only the taxes used are sent in the MIR. Each tax is preceded by a tax identifier: T1:, T2:, T3:, T4:, and T5:

If no taxes apply to the PNR/Booking file, the entire tax portion of this section is omitted. In Travelport+, three tax boxes are supported.

If an "XT" tax code appears in any of the above tax boxes, an additional individual tax section with a maximum of 20 taxes is provided. An XT tax is an accumulation of all tax over and above that which appears in the previous tax boxes depending on the ticket type. An exception is the Italian BSP, which uses tax box 3 for VAT.

The presence of an Exempt tax will transmit the word "EXEMPT" in the tax value field, with the appropriate tax code in the tax code field.

1			A07CUR	3	A	Currency for taxes
1			A07TI1	3	B/S	Tax 1 identifier – T1:
1			A07TT1	8	B/S	Tax 1



Level	Hex	Dec	Label	Bytes	Type	Description
1					A07TC1	2 B Tax 1 tax code
1					A07TI2	3 B/S Tax 2 identifier – T2:
1					A07TT2	8 B/S Tax 2
1					A07TC2	2 B Tax 2 tax code
1					A07TI3	3 B/S Tax 3 identifier – T3:
1					A07TT3	8 B/S Tax 3
1					A07TC3	2 B Tax 3 tax code
1					A07TI4	3 B/S Tax 4 identifier – T4: This is never generated by Travelport+.
1					A07TT4	8 B/S Tax 4 This is never generated by Travelport+.
1					A07TC4	2 B Tax 4 tax code This is never generated by Travelport+.
1					A07TI5	3 B/S Tax 5 identifier – T5: This is never generated by Travelport+.
1					A07TT5	8 B/S Tax 5 This is never generated by Travelport+.
1					A07TC5	2 B Tax 5 tax code This is never transmitted by Travelport+.
1					A07C01	1 S Carriage return

<p>Note: Carriage Return "A07C01" is a floating carriage return related to the Fare Value Information in the Fare Value Item. This carriage return are located after the Net Remit Item or the last Tax Item (either General Taxes or PFCs, if they exist). If no Net Remit or Tax Information exists, this carriage return follows the Equivalent Amount field (A07EQV).</p>						
1					A07ITT	3 A/S Individual Tax identifier – IT:



Level	Hex	Dec	Label	Bytes	Type	Description
1					A07IT1	8 B/S Individual Tax 1
1					A07IT1C	2 B Individual Tax 1 Tax code
1					A07IT2	8 B/S Individual Tax 2
1					A07IT2C	2 B Individual Tax 2 Tax code
1					A07IT3	8 B/S Individual Tax 3
1					A07IT3C	2 B Individual Tax 3 Tax code
1					A07IT4	8 B/S Individual Tax 4
1					A07IT4C	2 B Individual Tax 4 Tax code
1					A07IT5	8 B/S Individual Tax 5
1					A07IT5C	2 B Individual Tax 5 Tax code
1					A07IT6	8 B/S Individual Tax 6
1					A07IT6C	2 B Individual Tax 6 Tax code
1					A07IT7	8 B/S Individual Tax 7
1					A07IT7C	2 B Individual Tax 7 Tax code
1					A07IT8	8 B/S Individual Tax 8
1					A07IT8C	2 B Individual Tax 8 Tax code
1					A07IT9	8 B/S Individual Tax 9
1					A07IT9C	2 B Individual Tax 9 Tax code
1					A07IT10	8 B/S Individual Tax 10
1					A07IT10C	2 B Individual Tax 10 Tax code
1					A07IT11	8 B/S Individual Tax 11
1					A07IT11C	2 B Individual Tax 11 Tax code
1					A07IT12	8 B/S Individual Tax 12
1					A07IT12C	2 B Individual Tax 12 Tax code
1					A07IT13	8 B/S Individual Tax 13
1					A07IT13C	2 B Individual Tax 13 Tax code



Level	Hex	Dec	Label	Bytes	Type	Description
1					A07IT14	8 B/S Individual Tax 14
1					A07IT14C	2 B Individual Tax 14 Tax code
1					A07IT15	8 B/S Individual Tax 15
1					A07IT15C	2 B Individual Tax 15 Tax code
1					A07IT16	8 B/S Individual Tax 16
1					A07IT16C	2 B Individual Tax 16 Tax code
1					A07IT17	8 B/S Individual Tax 17
1					A07IT17C	2 B Individual Tax 17 Tax code
1					A07IT18	8 B/S Individual Tax 18
1					A07IT18C	2 B Individual Tax 18 Tax code
1					A07IT19	8 B/S Individual Tax 19
1					A07IT19C	2 B Individual Tax 19 Tax code
1					A07IT20	8 B/S Individual Tax 20
1					A07IT20C	2 B Individual Tax 20 Tax code
1					A07C02	1 S Carriage return

Note: Carriage Return "A07C02" is a floating carriage return related to the Individual Tax Information in the Fare Value Section. This carriage return is located after the last Individual Tax field for the section. If no Individual Tax information exists, this carriage return is omitted.

1					A07TPT	3 A/S Paid tax identifier TP:
1					A07TP1	8 B/S Paid tax 1
1					A07TP1C	2 B Paid tax 1 tax code
1					A07TP2	8 B/S Paid tax 2
1					A07TP2C	2 B Paid tax 2 tax code
1					A07TP3	8 B/S Paid tax 3
1					A07TP3C	2 B Paid tax 3 tax code
1					A07TP4	8 B/S Paid tax 4
1					A07TP4C	2 B Paid tax 4 tax code
1					A07TP5	8 B/S Paid tax 5
1					A07TP5C	2 B Paid tax 5 tax code
1					A07TP6	8 B/S Paid tax 6



Level	Hex	Dec	Label	Bytes	Type	Description	
1				A07TP6C	2	B	Paid tax 6 tax code
1				A07TP7	8	B/S	Paid tax 7
1				A07TP7C	2	B	Paid tax 7 tax code
1				A07TP8	8	B/S	Paid tax 8
1				A07TP8C	2	B	Paid tax 8 tax code
1				A07TP9	8	B/S	Paid tax 9
1				A07TP9C	2	B	Paid tax 9 tax code
1				A07TP10	8	B/S	Paid tax 10
1				A07TP10C	2	B	Paid tax 10 tax code
1				A07TP11	8	B/S	Paid tax 11
1				A07TP11C	2	B	Paid tax 11 tax code
1				A07TP12	8	B/S	Paid tax 12
1				A07TP12C	2	B	Paid tax 12 tax code
1				A07TP13	8	B/S	Paid tax 13
1				A07TP13C	2	B	Paid tax 13 tax code
1				A07TP14	8	B/S	Paid tax 14
1				A07TP14C	2	B	Paid tax 14 tax code
1				A07TP15	8	B/S	Paid tax 15
1				A07TP15C	2	B	Paid tax 15 tax code
1				A07TP16	8	B/S	Paid tax 16
1				A07TP16C	2	B	Paid tax 16 tax code
1				A07TP17	8	B/S	Paid tax 17
1				A07TP17C	2	B	Paid tax 17 tax code
1				A07TP18	8	B/S	Paid tax 18
1				A07TP18C	2	B	Paid tax 18 tax code
1				A07TP19	8	B/S	Paid tax 19
1				A07TP19C	2	B	Paid tax 19 tax code
1				A07TP20	8	B/S	Paid tax 20
1				A07TP20C	2	B	Paid tax 20 tax code
1				A07C03	1	S	Carriage return
NOTE: Carriage Return "A07C03" is a floating carriage return related to the Paid Tax Information in the Fare Value Section. This carriage return is located after the last Paid Tax field for the section. If no Paid Tax information exists, this carriage return is omitted.							
1				A07TNT	3	A/S	New tax identifier TN:



Level	Hex	Dec	Label	Bytes	Type	Description	
1				A07TN1	8	B/S	New tax 1
1				A07TN1C	2	B	New tax 1 tax code
1				A07TN2	8	B/S	New tax 2
1				A07TN2C	2	B	New tax 2 tax code
1				A07TN3	8	B/S	New tax 3
1				A07TN3C	2	B	New tax 3 tax code
1				A07TN4	8	B/S	New tax 4
1				A07TN4C	2	B	New tax 4 tax code
1				A07TN5	8	B/S	New tax 5
1				A07TN5C	2	B	New tax 5 tax code
1				A07TN6	8	B/S	New tax 6
1				A07TN6C	2	B	New tax 6 tax code
1				A07TN7	8	B/S	New tax 7
1				A07TN7C	2	B	New tax 7 tax code
1				A07TN8	8	B/S	New tax 8
1				A07TN8C	2	B	New tax 8 tax code
1				A07TN9	8	B/S	New tax 9
1				A07TN9C	2	B	New tax 9 tax code
1				A07TN10	8	B/S	New tax 10
1				A07TN10C	2	B	New tax 10 tax code
1				A07TN11	8	B/S	New tax 11
1				A07TN11C	2	B	New tax 11 tax code
1				A07TN12	8	B/S	New tax 12
1				A07TN12C	2	B	New tax 12 tax code
1				A07TN13	8	B/S	New tax 13
1				A07TN13C	2	B	New tax 13 tax code
1				A07TN14	8	B/S	New tax 14
1				A07TN14C	2	B	New tax 14 tax code
1				A07TN15	8	B/S	New tax 15
1				A07TN15C	2	B	New tax 15 tax code
1				A07TN16	8	B/S	New tax 16
1				A07TN16C	2	B	New tax 16 tax code
1				A07TN17	8	B/S	New tax 17
1				A07TN17C	2	B	New tax 17 tax code



Level	Hex	Dec	Label	Bytes	Type	Description	
1				A07TN18	8	B/S	New tax 18
1				A07TN18C	2	B	New tax 18 tax code
1				A07TN19	8	B/S	New tax 19
1				A07TN19C	2	B	New tax 19 tax code
1				A07TN20	8	B/S	New tax 20
1				A07TN20C	2	B	New tax 20 tax code
1				A07C04	1	S	Carriage return

Note: Carriage Return "A07C04" is a floating carriage return related to the New Tax Information in the Fare Value Section. This carriage return is located after the last New Tax field for the section. If no New Tax information exists, this carriage return is omitted.

1				A07ETT	3	A/S	Expanded individual tax identifier "ET:"
1				A07ET1	11	B/S	Expanded individual tax 1
1				A07ET1C	2	B	Individual tax 1 tax code
1				A07ET2	11	B/S	Expanded individual tax 2
1				A07ET2C	2	B	Individual tax 2 tax code
1				A07ET3	11	B/S	Expanded individual tax 3
1				A07ET3C	2	B	Individual tax 3 tax code
1				A07ET4	11	B/S	Expanded individual tax 4
1				A07ET4C	2	B	Individual tax 4 tax code
1				A07ET5	11	B/S	Expanded individual tax 5
1				A07ET5C	2	B	Individual tax 5 tax code
1				A07ET6	11	B/S	Expanded individual tax 6
1				A07ET6C	2	B	Individual tax 6 tax code
1				A07ET7	11	B/S	Expanded individual tax 7
1				A07ET7C	2	B	Individual tax 7 tax code
1				A07ET8	11	B/S	Expanded individual tax 8
1				A07ET8C	2	B	Individual tax 8 tax code
1				A07ET9	11	B/S	Expanded individual tax 9
1				A07ET9C	2	B	Individual tax 9 tax code
1				A07ET10	11	B/S	Expanded individual tax 10
1				A07ET10C	2	B	Individual tax 10 tax code
1				A07ET11	11	B/S	Expanded individual tax 11
1				A07ET11C	2	B	Individual tax 11 tax code
1				A07ET12	11	B/S	Expanded individual tax 12



Level	Hex	Dec	Label	Bytes	Type	Description	
1				A07ET12C	2	B	Individual tax 12 tax code
1				A07ET13	11	B/S	Expanded individual tax 13
1				A07ET13C	2	B	Individual tax 13 tax code
1				A07ET14	11	B/S	Expanded individual tax 14
1				A07ET14C	2	B	Individual tax 14 tax code
1				A07ET15	11	B/S	Expanded individual tax 15
1				A07ET15C	2	B	Individual tax 15 tax code
1				A07ET16	11	B/S	Expanded individual tax 16
1				A07ET16C	2	B	Individual tax 16 tax code
1				A07ET17	11	B/S	Expanded individual tax 17
1				A07ET17C	2	B	Individual tax 17 tax code
1				A07ET18	11	B/S	Expanded individual tax 18
1				A07ET18C	2	B	Individual tax 18 tax code
1				A07ET19	11	B/S	Expanded individual tax 19
1				A07ET19C	2	B	Individual tax 19 tax code
1				A07ET20	11	B/S	Expanded individual tax 20
1				A07ET20C	2	B	Individual tax 20 tax code
1				A07C05	1	S	Carriage return

Note: Carriage Return "A07C05" is a floating carriage return related to the Expanded Individual Tax Information in the Fare Value Section. This carriage return is located after the last Expanded Individual Tax field for the section. If no Expanded Individual Tax information exists, this carriage return is omitted.

1				A07C06	1	S	Carriage return This carriage return indicates the end of the Fare Value Section and follows the last field in this section, whether it is the Equivalent Fare field, or a Tax field.
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A08 Fare Basis Section

Note: This section will always be generated in Refund/Void MIR. For electronic tickets, the data available will populate the fields. For paper tickets all fields will be blank filled.

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A08SEC	3	B	Section label "A08"
1	03	03	A08FSI	2	N	Fare section ID



Level	Hex	Dec	Label	Bytes	Type	Description
						This indicator identifies which fare is associated with which passenger. This number should match the related passenger number found in the "Associated Fare Item Number for Passenger" (label A02FIN) found in the Passenger Data Section A02.
1	05	05	A08ITN	2	N	Itinerary index number (segment number) This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. The sequence will not be consecutive in the airline data section if auxiliary segments exist in the PNR/Booking File.
1	07	07	A08FBC	8	B	Fare basis code For Amtrak MIRs - this data are the (8) characters placed in the applicable Fare Basis/TKT Designator Box of an OPTAT Ticket issued by Travelport Apollo System.
1	0F	15	A08VAL	8	N/S	Segment value Travelport+: zero filled Travelport Apollo System: zero filled for some international fares Travelport+/Travelport Apollo System: While US domestic fares are calculated on a segment basis, which makes it possible to fill this field, international fares can be computed on a mileage basis. This results in one fare applying to more than one segment making it impossible to provide a segment by segment value.
1	17	23	A08NVBC	7	B	Not Valid Before date
1	1E	30	A08NVAC	7	B	Not Valid After date
1	25	37	A08TDGC	6	B	Segment ticket designator For Amtrak MIRs - this data are the next (6) characters placed in the applicable Fare Basis/TKT Designator Box of an OPTAT Ticket issued by Travelport Apollo System. Travelport+: blank filled.

Note: **OPTIONAL DATA** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers to locate desired information. If more than 1 endorsement, the 30th and 31st character will be "E:" followed by up to 29 characters for the second endorsement.

1			A08CFI	2	B	Complete Fare Basis code ID F:
1			A08CFB	15	B	Complete Fare Basis code The first 8 character of the fare basis have already been sent in A08FBC. This field will contain those characters again plus any other characters contained in the fare basis up to the maximum of 15 that can be



Level	Hex	Dec	Label	Bytes	Type	Description
						accommodated on a ticket. A fare basis may contain letters numbers and other characters such as slash (/).
1			A08ENDI	2	B	Endorsement ID E: Travelport+ only.
1			A08END	60	B	Endorsement This is the endorsement text per ticket. Some ATB tickets may show endorsements of up to 147 characters. In these circumstances occurs truncation will occur. Travelport+ only.
1			A08BAGI	2	B	Baggage allowance ID B:
1			A08BAG	3	B	Baggage allowance (Example: 2PC, 50L or 70K) This data is programmatically entered by Travelport Apollo System/Travelport+ based on fare quote information stored per flight segment. Baggage Allowance information may also be entered by the agent, using the format: Travelport Apollo System: T:\$BGBG2PC T:\$BGBG30K T:\$BGBG50L Travelport+: FBUBG/30K FBUBG/2PC This data is only present when a fare is also present in the PNR/Booking File.
1			A08C01	1	S	Carriage return This carriage return follows the last field for each segment in this section.
Note: Carriage Return "A08C01" is a floating carriage return related to Fare Basis Section. This carriage return is located after the last Fare Basis item in the section.						
1			A08EID	3	A/S	Full endorsement identifier EF: (Travelport+ only)
1			A08ENF	147	B/S	Full endorsement This will print 147 bytes of endorsements in the same format as is send to the e-ticket vendor. (Travelport+ only)
1			A08C02	1	S	Carriage return This carriage return follows the last field for each segment in this section.



Level	Hex	Dec	Label	Bytes	Type	Description
Note: Carriage Return "A16C02" is a floating carriage return that applies to the Full Endorsement Item in the Fare Basis Section. It directly follows the last Full Endorsement field transmitted and may be omitted if no Full Endorsement Data exists.						
1			A08C03	1	S	Carriage return This carriage return indicates the end of the Fare Basis Section and follows the last Fare Basis Item.

A09 Fare Construction Section

In Travelport Apollo System and Travelport+ the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Note: This section will always be generated in Refund/Void MIR. For electronic tickets, the data available will populate the fields. For paper tickets all fields will be blank filled.

Ticket types

Ticket type	Description	Format
13	Corporate/Commercial (Travelport Apollo System)	4 lines at 31 characters each
14	SATO Transitional (Travelport Apollo System)	4 lines at 30 characters each
15 to 18	OPTAT (Travelport Apollo System)	4 lines at 61 characters each
69/80	ATB1 (Travelport Apollo System)	5 lines at 51 characters each
79/90	ATB2/3 tax boxes(Travelport Apollo System)	5 lines at 51 characters each
7	TAT/System Generated/2 tax boxes (Travelport+)	244 characters, 4 lines at 61 characters each.
9	TAT/System Generated/3 tax boxes (Travelport+)	244 characters, 4 lines at 61 characters each.
11	TAT/Pre-printed/2 tax boxes (Travelport+)	244 characters, 4 lines at 61 characters each.
13	TAT/Pre-printed/3 tax boxes (Travelport+)	244 characters, 4 lines at 61 characters each.
15	OPTAT/Pre-printed/2 tax boxes (Travelport+)	244 characters, 4 lines at 61 characters each.
17	OPTAT/Pre-printed/3 tax boxes (Travelport+)	244 characters, 4 lines at 61 characters each.



Ticket type	Description	Format
19	OPTAT/System generated/2 tax boxes (Travelport+)	244 characters, 4 lines at 61 characters each.
21	OPTAT/System generated/3 tax boxes (Travelport+)	244 characters, 4 lines at 61 characters each.
31	ATB1 with Credit Card Charge Forms (Travelport+)	4 lines at 61 character
33	ATB2 with Credit Card Charge Forms (Travelport+)	4 lines at 61 characters
41	Electronic Ticket (Agency/BSP and Airline/TAT) (Travelport+) (2 tax boxes)	Variable by airline. Minimum 244 characters, 4 lines at 61 characters each.
51	Italian 2 tax boxes (Travelport+)	244 characters, 4 lines at 61 characters each.
53	Italian 3 tax boxes (Travelport+)	244 characters, 4 lines at 61 characters each.
71	Spanish Domestic Ticketing (Travelport+)	244 characters, 4 lines at 61 characters each.

Note: Refer to the Header Section for Seat Data information for Boarding Pass label [T50IN10](#).

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A09SEC	3	B	Section label "A09"
1	03	03	A09FSI	2	N	Fare section ID This indicator identifies which fare is associated with which passenger. This number should match the related passenger number found in the "Associated Fare Item Number for Passenger" (label A02FIN) found in the Passenger Data Section A02.
1	05	05	A09TY5	1	N	Type = 5 (Travelport Apollo System) = 1 (ATB) (Travelport+) = 0 (OPTAT) (Travelport+)
1	06	06	A09L51	61*	B	First line of fare construction
* Above denotes the maximum number of characters in this line. It can be less, based on the ticket type.						
1			A09C01	1	S	Carriage return



Level	Hex	Dec	Label	Bytes	Type	Description

Note: Carriage Return "A09C01" is a floating carriage return related to the first line for the Linear Calculation. This carriage return is located after the last character in this line.						
1			A09L52	61*	B	Second line of fare construction
* Above denotes the maximum number of characters in this line. It can be less, based on the ticket type.						
1			A09C02	1	S	Carriage return

Note: Carriage Return "A09C02" is a floating carriage return related to the second line for the Linear Calculation. This carriage return is located after the last character in this line. If less than two lines of Linear Fare Calculation data exist, this carriage return is omitted.						
1			A09L53	61*	B	Third line of fare construction
* Above denotes the maximum number of characters in this line. It can be less, based on the ticket type.						
1			A09C03	1	S	Carriage return

Note: Carriage Return "A09C03" is a floating carriage return related to the third line for the Linear Calculation. This carriage return is located after the last character in this line. If less than three lines of Linear Fare Calculation data exist, this carriage return is omitted.						
1			A09L54	61*	B	Fourth line of fare construction
* Above denotes the maximum number of characters in this line. It can be less, based on the ticket type.						
1			A09C04	1	S	Carriage return

Note: Carriage Return "A09C04" is a floating carriage return related to the fourth line for the Linear Calculation. This carriage return is located after the last character in this line. If less than four lines of Linear Calculation data exist, this carriage return is omitted.						
1			A09L55	51*	B	Fifth line of fare construction
* Above denotes the maximum number of characters in this line. It can be less, based on the ticket type.						
1			A09C05	1	S	Carriage return

Note: Carriage Return "A09C05" is a floating carriage return related to the fifth line for the Linear Calculation. This carriage return is located after the last character in this line. If less than five lines of Linear Fare Calculation data exist, this carriage return is omitted.						



Level	Hex	Dec	Label	Bytes	Type	Description
Note: Travelport+: The following data is only sent where present, and is an optional line without an indicator						
1			A09VAT	61*	B	VAT amount message for ticketing Travelport+ only: This contains the VAT amount as printed on the ticket for ATB2, restricted use.
Note: Carriage Return "A09C06" is a floating carriage return related to the last line for the Linear Calculation. This carriage return is located after the last character in this line. If less than six lines of Linear Fare Calculation data exist, this carriage return is omitted.						
1			A09C06	1	S	Carriage return Travelport+ only
1			A09C07	1	S	Carriage return This carriage return indicates the end of the Fare Calculation Section and follows the last line of the Linear Fare Calculation.

A10 Ticket Exchange Section

Note: This section is for use in Travelport Apollo System only. It is not used in Travelport+.

Note: The Ticket Exchange Section will be sent until the Ticket Exchange Project is complete (TBA). Following that enhancement, data will be available in the new format and may be accessed by a new field in the MIR Options table. Data will be available in the current format until all subscribers have made the change. All amount fields in the Ticket Exchange section are zero-filled with decimal places.

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A10SEC	3	B	Section label "A10"
1	03	03	A10EXI	2	N	Ticket exchange passenger number This field is related to the Passenger Section field (Associated Exchange Item Number For Passenger, label A02EIN).
1	05	05	A10OTN	13	N	Original ticket number The first three characters in this field identify the original validating carrier. The last ten characters contain the original ticket number.
1	12	18	A10BLK	1	I	Blank



Level	Hex	Dec	Label	Bytes	Type	Description
1	13	19	A10ONB	2	N	Original number of ticket books Currently this field defaults to 01.
1	15	21	A10OCI	4	B	Original coupon information This field is currently blank filled.
1	19	25	A10OIN	9	B	Original invoice number
1	22	34	A10TYP	1	A	Type of exchange ticket <ul style="list-style-type: none"> • A = Add collect • R = Refund • E = Even exchange
1	23	35	A10CUR	3	A	Currency for original base fare
1	26	38	A10OTF	12	N/S	Original ticket base fare
1	32	50	A10PEN	9	N/S	Penalty/Change fee
1			A10SCC	9	N/S	Commission on penalty
1	3A	58	A10C01	1	S	Carriage return

Note: The number of taxes allowed in the Exchange Data section have increased to a maximum of 5. However, only the taxes used are sent in the MIR. Each tax is preceded by a tax identifier: T1:, T2:, T3:, T4:, and T5:. If no taxes apply to the ticket exchange, the entire tax portion of this section is omitted.

The current ticket exchange screen does not provide a place to enter the tax code for an exchanged ticket; therefore, tax codes are not provided.

1	3B	59	A10CUR	3	A	Currency for taxes Travelport+: blank filled.
1	3E	62	A10TI1	3	B/S	Tax 1 identifier T1:
1	41	65	A10TT1	8	B/S	Original tax 1
1	49	73	A10TC1	2	B	Original tax 1 tax code

****OPTIONAL DATA**** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers, to locate desired information.

1			A10TI2	3	B/S	Tax 2 identifier T2:
1			A10TT2	8	B/S	Original tax 2
1			A10TC2	2	B	Original tax 2 tax code
1			A10TI3	3	B/S	Tax 3 identifier T3:
1			A10TT3	8	B/S	Original tax 3
1			A10TC3	2	B	Original tax 3 tax code

Note: If three tax fields are entered in the \$EX screen, the second and third tax values are added and the total is sent in A10TT2 and the tax code for A10TC2 is "XT".



Level	Hex	Dec	Label	Bytes	Type	Description
1			A10TI4	3	B/S	Tax 4 identifier T4:
1			A10TT4	8	B/S	Original tax 4
1			A10TC4	2	B	Original tax 4 tax code
1			A10TI5	3	B/S	Tax 5 identifier T5:
1			A10TT5	8	B/S	Original tax 5
1			A10TC5	2	B	Original tax 5 tax code
1			A10C02	1	S	Carriage return

Note: Carriage Return "A10C02" is a floating carriage return related to the general tax items for the Ticket Exchange section. This carriage return is located after the last exchanged tax in this transaction. If no taxes are exchanged, this carriage return is omitted.

1			A10ITT	3	A/S	Individual Paid Tax Identifier IT
1			A10IT1	8	B/S	Individual Tax 1
1			A10IT1C	2	B	Individual Tax 1 Tax Code
1			A10IT2	8	B/S	Individual Tax 2
1			A10IT2C	2	B	Individual Tax 2 Tax Code
1			A10IT3	8	B/S	Individual Tax 3
1			A10IT3C	2	B	Individual Tax 3 Tax Code
1			A10IT4	8	B/S	Individual Tax 4
1			A10IT4C	2	B	Individual Tax 4 Tax Code
1			A10IT5	8	B/S	Individual Tax 5
1			A10IT5C	2	B	Individual Tax 5 Tax Code
1			A10IT6	8	B/S	Individual Tax 6
1			A10IT6C	2	B	Individual Tax 6 Tax Code
1			A10IT7	8	B/S	Individual Tax 7
1			A10IT7C	2	B	Individual Tax 7 Tax Code
1			A10IT8	8	B/S	Individual Tax 8
1			A10IT8C	2	B	Individual Tax 8 Tax Code
1			A10IT9	8	B/S	Individual Tax 9
1			A10IT9C	2	B	Individual Tax 9 Tax Code
1			A10IT10	8	B/S	Individual Tax 10



Level	Hex	Dec	Label	Bytes	Type	Description
1			A10IT10C	2	B	Individual Tax 10 Tax Code
1			A10IT11	8	B/S	Individual Tax 11
1			A10IT11C	2	B	Individual Tax 11 Tax Code
1			A10IT12	8	B/S	Individual Tax 12
1			A10IT12C	2	B	Individual Tax 12 Tax Code
1			A10IT13	8	B/S	Individual Tax 13
1			A10IT13C	2	B	Individual Tax 13 Tax Code
1			A10IT14	8	B/S	Individual Tax 14
1			A10IT14C	2	B	Individual Tax 14 Tax Code
1			A10IT15	8	B/S	Individual Tax 15
1			A10IT15C	2	B	Individual Tax 15 Tax Code
1			A10IT16	8	B/S	Individual Tax 16
1			A10IT16C	2	B	Individual Tax 16 Tax Code
1			A10IT17	8	B/S	Individual Tax 17
1			A10IT17C	2	B	Individual Tax 17 Tax Code
1			A10IT18	8	B/S	Individual Tax 18
1			A10IT18C	2	B	Individual Tax 18 Tax Code
1			A10IT19	8	B/S	Individual Tax 19
1			A10IT19C	2	B	Individual Tax 19 Tax Code
1			A10IT20	8	B/S	Individual Tax 20
1			A10IT20C	2	B	Individual Tax 20 Tax Code
1			A10CO3	8	B/S	Carriage Return

Note: Carriage Return "A10C03" is a floating carriage return related to the Individual Paid Tax Information in the Ticket Exchange Section. This carriage return is located after the last Individual Tax field for the section. If no Individual Tax information exists, the Individual Paid Tax line is omitted.

Level	Hex	Dec	Label	Type	Bytes	Description
1			A10OTA	12	N/S	Original ticket - amount of total
1			A10OCM	9	N/S	Original commission amount
1			A10POI	6	B	Place of issue
1			A10DOI	7	B	Date of original issue (Format: DDMMYY)
1			A10FOP	19	B	Original form of payment
1			A10RAC	12	N/S	Refund or add collect amount Difference between the fare of the new ticket issued and the original ticket amount manually entered in the Exchange Fill-In screen.



Level	Hex	Dec	Label	Bytes	Type	Description
						This is an Optional Field, and will not be present if an Even Exchange transaction is performed.
1			A10DOC	14	B	Document number for add collect payment This field is currently not being used.
1			A10C0	1	S	Carriage return
1			A10TPI	3	A/S	Tax on penalty on penalty identifier TP:
1			A10TP1	8	N/S	Tax on penalty 1
1			A10T1C	2	B	Penalty tax code 1
1			A10TP2	8	N/S	Tax on penalty 2
1			A10T2C	2	B	Penalty tax code 2
1			A10TP3	8	N/S	Tax on penalty 3
1			A10T3C	2	B	Penalty tax code 3
1			A10C0	1	S	Carriage return

Note: Carriage Return "A02C0" is a floating carriage return related to the Tax on Penalty information in the Ticket Exchange Section. This carriage return is located after the last Tax on Penalty field present in this item, or is omitted, if no tax information exists.						
1			A10C0	1	S	Carriage return This carriage return indicates the end of the Ticket Exchange Section and follows the last field in the section.

Note: If tax(s) on penalty data is not present an indicator will be set to not populate anything in the new tax on penalty and penalty tax code labels. If tax(s) on penalty data is present all tax on penalty labels will be populated with an amount and/or zero filled and penalty tax code labels will be populated with tax identifier XG, RC and/or SQ, or blank filled.



A10 New Ticket Exchange Section

Note: This section is used by Travelport+.

In Travelport Apollo System, the ticket exchange section will be sent until the ticket exchange project is complete (TBA). Following that enhancement, data will be available in the new format and may be accessed by a new field in the MIR options table in Travelport Apollo System.

Note: All amount fields in the ticket exchange section are blank filled with decimal places. When an exchange ticket section occurs, T50CUR1 is zero filled. The exchange ticket is the ticket presented to the travel agent. It may be the ticket originally issued or it may be a previously exchanged ticket. When a MIR contains an exchange section, section A07 contains data of the new filed fare.

In Travelport+, when an exchange ticket requires money to be refunded, the agent issuing the new ticket issues an MCO for the refund value. The MCO is then refunded as a separate transaction by the agency that issued the original ticket. This results in 3 MIRs:

1. When the new ticket is issued
2. When the MCO carrying the refund value is issued. At this point, even though the MCO carries a positive refund value, for accounting purposes, it will have zero collection.
3. When the MCO is refunded

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A10SEC	3	B	Section label "A10"
1	03	03	A10EXI	2	N	Ticket exchange passenger number This field is related to the Passenger Section Field (label A02EIN).
1	05	05	A10DOI	7	B	Date of original issue (Format: DDMMYY)
1	12	12	A10POI	8	N	Place of original issue IATA number of the original issuing agent.
1	14	20	A10CDEP	4	B	City code of place of issue
1	18	24	A10OCM	9	N/S	Exchange ticket commission amount Travelport+: Blank filled.
1	21	33	A10OIN	9	B	Exchange ticket invoice number Travelport+: blank filled.
1	2A	42	A10FOP	19	B	Exchange ticket form of payment



Level	Hex	Dec	Label	Bytes	Type	Description
1	3D	61	A10PEN	9	N/S	Service charge amount Exchange Fee or Penalty amount. Travelport+: blank filled.
1	46	70	A10SCC	9	N/S	Service charge commission Travelport+: blank filled.
1	4F	79	A10TYP	1	A	Type of exchange ticket A = Add collect R = Refund E = Even exchange
1	50	80	A10C01	1	S	Carriage return

****OPTIONAL DATA**** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers, to locate desired information. The item can be repeated up to 4 times. The ticket number consists of 13 numerics and 1 check digit. If more than one ticket is being exchanged, then the check digit of the first ticket being exchanged appears. The check digits for the following tickets will be blank. It is possible for the first ticket to have a "P" character appearing in the check digit position.

1			A10TII	3	A/S	Coupon information ID TI:
1			A10TIT	14	N	Ticket number being partially exchanged
1			A10TIN	4	N	Exchange ticket coupon information Will appear as 1, 2, 3, or 4. Any combination of these numbers are acceptable, but they will always appear in ascending order.
1			A10C02	1	S	Carriage return

Notes:

Carriage Return "A10C02" is a floating carriage return related to the Ticket Coupon Information. This carriage return is located after the last field in this item. It is repeated for each ticket book exchanged.

This section may be repeated a maximum of 16 times, to record all coupon numbers associated to conjuncted tickets as entered in the TKT1, TKT2, TKT3 and TKT4 fields on the \$EX and \$EXA Ticket Exchange Screens.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A10CUR	3	A	Currency for exchange ticket base fare
1			A10OTF	12	N/S	Exchange ticket base fare

Note: The number of taxes allowed in the fare value section have increased to a maximum of 5. However, only the taxes used are sent in the MIR. Each tax is preceded by a tax identifier: T1:, T2:, T3:, T4:, and T5:. If no taxes apply to the PNR/Booking File, the entire tax portion of this section is omitted. In Travelport+, three tax boxes are supported and up to 8 individual taxes.

If an "XT" tax code appears in any of the above tax boxes, an additional individual tax section with a maximum of 20 taxes is provided. An XT tax is an accumulation of all tax over and above that which appears in the previous tax boxes, depending on the ticket type. An exception is Italian BSP, which requires tax box 3 for VAT alone.

The presence of an Exempt tax will transmit the word "EXEMPT" in the tax value field, with the appropriate tax code in the tax code field.

1			A10CUR	3	A	Currency for taxes Travelport+: blank filled.
1			A10TI1	3	B/S	Tax 1 identifier T1:
1			A10TT1	8	B/S	Exchange ticket tax 1
1			A10TC1	2	B	Exchange ticket 1 tax code
1			A10TI2	3	B/S	Tax 2 identifier T2:
1			A10TT2	8	B/S	Exchange ticket tax 2
1			A10TC2	2	B	Exchange ticket 2 tax code
1			A10TI3	3	B/S	Tax 3 identifier T3:
1			A10TT3	8	B/S	Exchange ticket tax 3
1			A10TC3	2	B	Exchange ticket 3 tax code
1			A10TI4	3	B/S	Tax 4 identifier T4: Travelport+: blank filled.
1			A10TT4	8	B/S	Exchange ticket tax 4 Travelport+: blank filled.
1			A10TC4	2	B	Exchange ticket 4 tax code Travelport+: blank filled.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A10TI5	3	B/S	Tax 5 identifier T5: Travelport+: blank filled.
1			A10TT5	8	B/S	Exchange ticket tax 5 Travelport+: blank filled.
1			A10TC5	2	B	Exchange ticket 5 tax code Travelport+: blank filled.
1			A10OTA	12	N/S	Exchange ticket total amount This is the base fare plus taxes.
1			A10RAC	12	N/S	Refund or add collect amount Difference between the fare of the new ticket issued and the exchange ticket amount manually entered in the Exchange Fill-In screen. This is an Optional Field, and will not be present if an Even Exchange transaction is performed. Travelport+: zero filled.
1			A10C03	1	S	Carriage return

<p>Note: Carriage Return "A10C03" is a floating carriage return related to the Tax and Amount fields. The carriage return is located after the last field in this item.</p>						
<p>Note: The following fields are only transmitted if this is the second (or greater) time that this ticket is being exchanged, and the ORIG IATA NBR and ORIG TKT fields on the \$EX or FEX Ticket Exchange screen have been completed by the agent.</p>						
1			A10OII	3	A/S	Original information identifier OI:
1			A10OIN	9	B	Original IATA number
1			A10OTN	19	N	Original ticket number



Level	Hex	Dec	Label	Bytes	Type	Description
1			A10C04	1	S	Carriage return

Note: Carriage Return "A10C05" is a floating carriage return related to the Original Ticket Information. This carriage return is located after the last field in this item. If Original Ticket Information is not included in the exchange transaction, the carriage return is omitted.						
1			A10ITT	3	A/S	Individual tax identifier IT:
1			A10IT1	8	B/S	Individual tax 1
1			A10IT1C	2	B	Individual tax 1 tax code
1			A10IT2	8	B/S	Individual tax 2
1			A10IT2C	2	B	Individual tax 2 tax code
1			A10IT3	8	B/S	Individual tax 3
1			A10IT3C	2	B	Individual tax 3 tax code
1			A10IT4	8	B/S	Individual tax 4
1			A10IT4C	2	B	Individual tax 4 tax code
1			A10IT5	8	B/S	Individual tax 5
1			A10IT5C	2	B	Individual tax 5 tax code
1			A10IT6	8	B/S	Individual tax 6
1			A10IT6C	2	B	Individual tax 6 tax code
1			A10IT7	8	B/S	Individual tax 7
1			A10IT7C	2	B	Individual tax 7 tax code
1			A10IT8	8	B/S	Individual tax 8
1			A10IT8C	2	B	Individual tax 8 tax code
Note: Travelport+: blank fills Tax 9 to Tax 20.						
1			A10IT9	8	B/S	Individual tax 9
1			A10IT9C	2	B	Individual tax 9 tax code
1			A10IT10	8	B/S	Individual tax 10
1			A10IT10C	2	B	Individual tax 10 tax code
1			A10IT11	8	B/S	Individual tax 11



Level	Hex	Dec	Label	Bytes	Type	Description
1			A10IT11C	2	B	Individual tax 11 tax code
1			A10IT12	8	B/S	Individual tax 12
1			A10IT12C	2	B	Individual tax 12 tax code
1			A10IT13	8	B/S	Individual tax 13
1			A10IT13C	2	B	Individual tax 13 tax code
1			A10IT14	8	B/S	Individual tax 14
1			A10IT14C	2	B	Individual tax 14 tax code
1			A10IT15	8	B/S	Individual tax 15
1			A10IT15C	2	B	Individual tax 15 tax code
1			A10IT16	8	B/S	Individual tax 16
1			A10IT16C	2	B	Individual tax 16 tax code
1			A10IT17	8	B/S	Individual tax 17
1			A10IT17C	2	B	Individual tax 17 tax code
1			A10IT18	8	B/S	Individual tax 18
1			A10IT18C	2	B	Individual tax 18 tax code
1			A10IT19	8	B/S	Individual tax 19
1			A10IT19C	2	B	Individual tax 19 tax code
1			A10IT20	8	B/S	Individual tax 20
1			A10IT20C	2	B	Individual tax 20 tax code
1			A10C06	1	S	Carriage return
Note: Carriage Return "A10C06" is a floating carriage return related to the Individual Tax Information in the Exchange Ticket Section. This carriage return is located after the last Individual Tax field for the section. If no Individual Tax information exists, this is omitted.						
1			A10ETT	3	A/S	Expanded individual tax identifier "EP:"
1			A10ET1	11	B/S	Expanded individual tax 1
1			A10ET1C	2	B	Individual tax 1 tax code



Level	Hex	Dec	Label	Bytes	Type	Description
1			A10ET2	11	B/S	Expanded individual tax 2
1			A10ET2C	2	B	Individual tax 2 tax code
1			A10ET3	11	B/S	Expanded individual tax 3
1			A10ET3C	2	B	Individual tax 3 tax code
1			A10ET4	11	B/S	Expanded individual tax 4
1			A10ET4C	2	B	Individual tax 4 tax code
1			A10ET5	11	B/S	Expanded individual tax 5
1			A10ET5C	2	B	Individual tax 5 tax code
1			A10ET6	11	B/S	Expanded individual tax 6
1			A10ET6C	2	B	Individual tax 6 tax code
1			A10ET7	11	B/S	Expanded individual tax 7
1			A10ET7C	2	B	Individual tax 7 tax code
1			A10ET8	11	B/S	Expanded individual tax 8
1			A10ET8C	2	B	Individual tax 8 tax code
1			A10ET9	11	B/S	Expanded individual tax 9
1			A10ET9C	2	B	Individual tax 9 tax code
1			A10ET10	11	B/S	Expanded individual tax 10
1			A10ET10C	2	B	Individual tax 10 tax code
1			A10ET11	11	B/S	Expanded individual tax 11
1			A10ET11C	2	B	Individual tax 11 tax code
1			A10ET12	11	B/S	Expanded individual tax 12



Level	Hex	Dec	Label	Bytes	Type	Description
1			A10ET12C	2	B	Individual tax 12 tax code
1			A10ET13	11	B/S	Expanded individual tax 13
1			A10ET13C	2	B	Individual tax 13 tax code
1			A10ET14	11	B/S	Expanded individual tax 14
1			A10ET14C	2	B	Individual tax 14 tax code
1			A10ET15	11	B/S	Expanded individual tax 15
1			A10ET15C	2	B	Individual tax 15 tax code
1			A10ET16	11	B/S	Expanded individual tax 16
1			A10ET16C	2	B	Individual tax 16 tax code
1			A10ET17	11	B/S	Expanded individual tax 17
1			A10ET17C	2	B	Individual tax 17 tax code
1			A10ET18	11	B/S	Expanded individual tax 18
1			A10ET18C	2	B	Individual tax 18 tax code
1			A10ET19	11	B/S	Expanded individual tax 19
1			A10ET19C	2	B	Individual tax 19 tax code
1			A10ET20	11	B/S	Expanded individual tax 20
			A10ET20C	2	B	Individual tax 20 tax code
1			A10C07	1	S	Carriage return
<p>Note: Carriage Return "A10C07" is a floating carriage return related to the Expanded Individual Tax Information in the Exchange Ticket Section. This carriage return is located after the last Expanded Individual Tax field for the section. If no Expanded Individual Tax information exists, this carriage return is omitted.</p> <p>*****</p>						
1			A10OAI	3	A/S	Original Amount identifier OA:
1			A10OAF	12	N/S	Original Fare Amount



Level	Hex	Dec	Label	Bytes	Type	Description
1			A10OAC	12	N/S	Original Commission Amount
1			A10C08	1	S	Carriage return
Note: Carriage Return "A10C08" is a floating carriage return related to the Original Amount Information in the Exchange Ticket Section. This carriage return is located after the last field in this item. If Original Amount Information is not included in the exchange transaction, the carriage return is omitted. *****						
1			A10C09	1	S	Carriage return - This carriage return indicates the end of the Exchange Ticket Section and follows the last item in this section.



A11 Form of Payment

Level	Hex	Dec	Label	Bytes	Type	Description				
1 1	00	00	A11SEC	3	B	Section label "A11"				
1	03	03	A11TYP	2	A	<p>Form of payment types These lists are subject to change without notice.</p> <table border="1"> <thead> <tr> <th>Travelport Apollo System</th> <th>Travelport+</th> </tr> </thead> <tbody> <tr> <td>S = Cash CK = Check CC = Credit card X = Check override EX = Exchange MS = Miscellaneous</td> <td>S = Cash CK = Cheque CC = Credit card EX = Exchange MS = Miscellaneous IN = Invoice NO = Non refundable MR = Multiple FR = Free</td> </tr> </tbody> </table>	Travelport Apollo System	Travelport+	S = Cash CK = Check CC = Credit card X = Check override EX = Exchange MS = Miscellaneous	S = Cash CK = Cheque CC = Credit card EX = Exchange MS = Miscellaneous IN = Invoice NO = Non refundable MR = Multiple FR = Free
Travelport Apollo System	Travelport+									
S = Cash CK = Check CC = Credit card X = Check override EX = Exchange MS = Miscellaneous	S = Cash CK = Cheque CC = Credit card EX = Exchange MS = Miscellaneous IN = Invoice NO = Non refundable MR = Multiple FR = Free									
1	05	05	A11AMT	12	N/S	Party amount actually collected or refunded This field is zero filled when an Even Exchange Ticket is issued.				
1	11	17	A11REF	1	A	<p>Refund indicator (Travelport Apollo System only)</p> <ul style="list-style-type: none"> • Y = Refund • N = Not a refund <p>This identifies the previous amount to be a refunded amount in an exchange transaction (not refund transaction) Travelport+: default to "N".</p>				
1	12	18	A11CCC	2	A	Credit card code "GR" appears in this field for Government Forms of Payment.				
1	14	20	A11CCN	20	B	<p>Credit card number</p> <p>Travelport Apollo System: Free form information appears in this field for the "X" Payment Type.</p> <p>If a check number is entered for Form of Payment Type "CK", it appears here.</p> <p>The "GR" document number appears in this field for Government Forms of Payment.</p>				



Level	Hex	Dec	Label	Bytes	Type	Description
						Travelport+: the number only appears when F., TKP or TMU are used.
1	28	40	A11EXP	4	N	Credit card expiration date (Format: MMY) Refund/Void MIR: blank filled.
1	2C	44	A11APP	8	I	Credit card approval code
2	2C	44	A11BLK	1	A	Blank
2	2D	45	A11MAN	1	A	Approval code indicator Travelport Apollo System: M = Manually entered BLANK = Link generated Travelport+: blank filled.
2	2E	46	A11APC	6/8	B	Actual credit card approval code Will only occur in MIR if it appears in the form of payment entered in the Booking File. Refund/Void MIR: blank filled.
2	34	52	A11PPO	3	B	Payment plan options Extended Payment for the American Express Credit Card.

Note: The following fields are only sent if data exists for them. If no data exists, then an End of Section indicator (carriage return) is sent and the next form of payment (or following) section follows.

****OPTIONAL DATA**** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers, to locate desired information.

1			A11AVI	2	A/S	Address verification identifier A: Travelport Apollo System only. Address Verification is a product offered in the USA that allows an agent to check the billing address for a credit card, against the credit card vendor's database. It assists in eliminating credit card fraud.
1			A11AVS	1	A	Address verification indicator A = Address verification used Currently it is not possible to identify when an Address Verification is completed, so this field will not be active until it is possible to do so.
1			A11CVI	2	A/S	Check verification identifier C: Travelport Apollo System only.
1			A11CVS	1	A	Check verification indicator V = Check verification used
1			A11PGRI	2	A/S	Passenger identifier P:



Level	Hex	Dec	Label	Bytes	Type	Description
						Travelport+ only.
1			A11PGR	2	B	Passenger number Relates form of payment to the passenger, blank filled if more than one passenger in the Booking File.
1			A11FTXI	2	A/S	Free text identifier F: Travelport+ only.
1			A11FTXT	41	B	Free text data Contains Optional or Mandatory Free Text entered in the Form of Payment field.
1			A11CCHI	2	A/S	Customer file reference identifier H: Travelport+ only.
1			A11CCH	30	B	Customer file reference Contains the name of the customer file reference which may be the cardholder input with *C.
			A11ONOI	2	A/S	Credit card order number identifier O: Travelport+ only.
			A11ONO	3	B	Credit card customer order number Contains the credit card customer order number which may be entered with TMU or F.
1			A11C01	1	S	Carriage return

Note: Carriage Return "A11C01" is a floating carriage return related to the Form Of Payment Data section. This carriage return is located after the last field in this item.						
1			A11C02	1	S	Carriage return This carriage return indicates the end of the Form Of Payment Section.

A12 Phone Data

In Travelport+, the [MIR Options table](#) can be used to determine whether this section is sent or not.

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A12SEC	3	B	Section label "A12"



Level	Hex	Dec	Label	Bytes	Type	Description
1	03	03	A12CTY	3	A	City code
1	06	06	A12LOC	2	A	Location type APO <ul style="list-style-type: none"> AS = Travel agency R = Residence B = Business H = Hotel F = Fax E = Email Travelport+ <ul style="list-style-type: none"> T = Travel agency H = Home B = Business A = Accomodation / hotel N = No contact P = Phone number not known E = Email This is a variable length field. It is either one or two characters. Phone fields using the Location Type "N" are not transmitted in the MIR.
1	46	70	A12PHN	64	B/S	Free form phone data This field generally begins with a "/" or "*" character, but it may not. This field has a variable length, per phone entry.
1			A12C01	1	S	Carriage return

Note: Carriage Return "A12C01" is a floating return related to the Phone Data information. It follows the last character in each phone item.						
1			A12C02	1	S	Carriage return This carriage return indicates the end of the Phone Data section.

A13 Address Data

In Travelport+, the [MIR Options table](#) can be used to determine whether this section is sent or not.

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A13SEC	3	B	Section label "A13"



Level	Hex	Dec	Label	Bytes	Type	Description
1	03	03	A13ADT	2	A/S	Address type W- = Mailing address D- = Delivery address Travelport+: R- = Supplemental addresses repeats up to 10 times.
1	05	05	A13DTA	223	B/S	Free form address data This is a variable length field per address entered. Travelport Apollo System: [] "Pillow" Characters used in the entry format are transmitted as " - quote mark characters. Travelport+: * character appears.
1	46	70	A13C01	1	S	Carriage return This carriage return indicates the end of the Address item.

Note: Carriage Return "A13C01" is a floating return related to the Address Data information. It follows the last character in each address item.						
1			A13C02	1	S	Carriage return This carriage return indicates the end of the Address Data section and follows the last Address Item.

A14 Back Office/ Ticket Remarks

The purpose of the A14 section is primarily to allow the transfer of data required by a back office system that is not otherwise present in the MIR. For instance; if the back office system requires a cost centre this could be entered in the CRS using T- (Travelport Apollo System) or DI. (GCS) entries which would result in the data appearing in the A14 section. The precise format of the entry can be designed by the back office system to meet their individual requirements. Continuing with our example of a cost centre one back office system may choose to enter a cost centre of XY2 in the Travelport+ system using the entry DI.FT-CC/XY2 while another may choose the entry DI.FT-COST*XY2.

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A14SEC	3	B	Section label "A14"
1	03	03	A14RMK	64	B/S	Free form remarks <ul style="list-style-type: none"> T- ENTRIES (Travelport Apollo System)



Level	Hex	Dec	Label	Bytes	Type	Description
						<ul style="list-style-type: none"> R1-, R2-, R3-, R4-, R-5 ENTRIES (Travelport Apollo System - Refunds) NP.F** ENTRIES (Travelport+, see example below) DI. ENTRIES (Travelport+) JR Remarks (Travelport+ - Ticket issuance and refund) <p>See item 7 above "Programmatic Auto Generated to A14 Section Back Office/Ticket Remarks Section" for system generated remarks.</p> <p>In Travelport+: this is variable length up to 90 characters.</p> <p>T-SA- will be used in Void MIR on Travelport Apollo System.</p>
1	43	67	A14C01	1	S	Carriage return

<p>Note: Carriage Return "A14C01" is a floating carriage return related to the BOS Ticket Remark. It follows the last character in each Ticket Remark.</p>						
1			A14C02	1	S	Carriage return This carriage return indicates the end of the Back Office/Ticket Remarks section.

Full Refund Travelport+ MIR Example - A14 section

```

1          2          3          4          5          6
1234567890123456789012345678901234567890123456789012345678901234
A14JR-FULLREFUNDABC12378903124567
A2300011543341013-          14APR18          FULL/REFUND          B
TI:12/////
BF:JPY 651000T1: 2570SWT2: 11630GBT3:
IT: 6700UB 21600YQ
AU: 1313SGZ36USGL
CR: 7.0000000000
RA:00000000 0 0 693500JPY 693500
FP1:AX37XXXXXXXXXX5556 0000 693500
BFL:JPY 651000T1L: 2570SWT2L: 11630GBT3L:
RAL:000000000000 0 0 693500JPY 693500
FP1L:AX37XXXXXXXXXX5556 0000 693500

```



Example with secure notepad remark for Travelport+ - A14 section

```

1      2      3      4      5      6
1234567890123456789012345678901234567890123456789012345678901234
1  A14NPF-VI40000000000005550EXP0000
2  A14NPF-CC-VI4000000000005550 EXP 1226 USE FOR HOTEL

```

Note: Notepads are freeform text. If the expiry date (EXP) is added after the credit card without a space, the expiry date will be masked, shown on line 1 above. If a space is included after the credit card and EXP, the credit card number is masked, but the expiry date is not, shown on line 2.

A15 Associated/ Unassociated Remarks

In Travelport Apollo System and Travelport+ the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Note: In Travelport Apollo System, the Travel Advisory Detail will also appear in this section, as an item, if it exists for the itinerary. This will be identified by the Header field T50IN14.

Note: The Freeform Remarks available for Itinerary Invoice printing are input with RMA. or RUU. in Travelport Apollo System, or RI. etc. in Travelport+. In Travelport Apollo System, A15RMK is a fixed length of 70 characters, in Travelport+ it is a variable length field up to 88 characters. In Travelport+, RI.S(N)/DT is used for departure terminal. Likewise AT is used for arrival terminal and CT for check in time.

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A15SEC	3	B	Section label "A15"
1	03	03	A15SEG	2	N	Segment number remark is associated to If this is an Unassociated Remark, the segment number is "00".
1	05	05	A15RMK	70/88	B/S	Free form remark Travelport Apollo System: <ul style="list-style-type: none"> Travel Advisory Detail will also appear in this field, if it exists for the Itinerary. This will be identified by the Header field T50IN14. This is a fixed length of 70 characters. Travelport+: <ul style="list-style-type: none"> This is a variable length field to a maximum of 88 characters.
1	4B	75	A15C01	1	S	Carriage return

Note: Carriage Return "A15C01" is a floating carriage return related to the Associated/Unassociated Remark. It will follow the last character in each Remark.						
1			A15C02	1	S	Carriage return



Level	Hex	Dec	Label	Bytes	Type	Description
						This carriage return indicates the end of the Associated/Unassociated Remark section.

A16 Auxiliary Segments

In Travelport+ the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Note: The hierarchy for data varies slightly between Travelport Apollo System and Travelport+. All Auxiliary Segments are identified by the same section identifier A16.

The order is:

Travelport Apollo System		Travelport+	
First	RoomMaster hotel then Passive hotels	First	RoomMaster then Non RoomMaster hotels
Second	CarMaster cars then Passive cars	Second	CarMaster then Non CarMaster cars
Third	Tour Segments (passive)	Third	Tour, Air Taxi and Surface segments
		Fourth	Unassociated Dues, Paid and Text segments

Where there is more than one type of segment, they appear in the order of the PNR/Booking File segment number. Optional data elements before a carriage return are variable in length.

Example in the Travelport Apollo System

```

6LE41A/SM HDQTL C098642 AG 14618262 18JUL
1.1MEDINA/RICHARD
 1 AA 247Y 20JAN ORDSFO BK1 1200N 227P WE
 2 HHL WI HK1 SFO 20JAN-22JAN 2NT 43 WESTIN SFO AIRPORT
1A1KRAC -1/RT-USD150.00/ADV 6PM/AGT14618262/ITUA3728872/SI-TEST BOOKING DISREGARD/CF-144SLM
 3 CCR ZI HK1 SFO 20JAN-22JAN EDAR/BS-14618262/SI-REQUESTS RED
CAR/NM-MEDINA RICHARD/CF-10775926USO *
 4 UA 1703Y 22JAN SFOLAX HK1 830A 958A * FR
 5 HTL ZZ BK1 LAX 22JAN-OUT25JAN **LE DUFY HOTEL DELUXE**DUE500.00**
 6 HTL ZZ BK1 LAX 22JAN-**YOUR ROOM INCLUDES ALL AMENITIES**
 7 HTL ZZ BK1 LAX 22JAN-**HAVE A PLEASANT STAY/CF-ABC172883**
 8 HTL ZZ BK1 LAX 22JAN-/W-LE DUFY HOTEL DELUXE@1000 WESTMOUNT
DRIVE@WEST HOLLYWOOD@CA@90069**DEPOSIT MADE**PAID100.00/ACCOUNT 2006**
 9 CAR ZZ BK1 LAX 22JAN-25JAN CCAR/BS14618262**ALAMO RENTAL SPECIAL
**/CF-37727
10 CAR ZZ BK1 LAX 22JAN-25JAN CCAR/BS-14618262**ONE TIME SPECIAL
RATE**DUE50.00**
11 TUR ZZ BK1 LAX 22JAN-**ALL DAY TOUR OF HOLLYWOOD**PAID49.95**

```



12 TUR ZZ BK1 LAX 22JAN-**NIGHT ON THE TOWN**DUE75.00**
 FONE-CHIRN/
 TKTG-T/
 ACKN-UA 6LE41A 18JUL 1654

Auxiliary portion of the MIR relating to the example booking

A16A0220JAN9400043WISFO NHK22JAN002WESTIN SFO AIRPORT 415 692-3500
 415 692-3500 D1AKRAC1
 OD-/ADV 6PM/AGT14618262/ITUA3728872/SI-TEST BOOKING DISREGARD/RT-USD000015000

CF:02144SLM
 W-:021 BAYSHORE HWY"MILLBRAE"CA"94030"US"

A1670522JAN94ZZLAX BK25JAN003LE DUFY HOTEL DELUXE1

FF:06*YOUR ROOM INCLUDES ALL AMENITIES
 FF:07*HAVE A PLEASANT STAY/CF-ABC172883
 DP:05* USD 500.00 LE DUFY HOTEL DELUXE
 DP:08*ACCOUNT2006 USD 100.00-DEPOSIT MADE
 W-:08LE DUFY HOTEL DELUXE"1000 WESTMONT DRIVE"WEST HOLLYWOOD"CA"90069

A16B0320JAN94AVIS HK22JAN002SFO ZIEDAR1SAN FRANCISCO INTL APO

OD-/BS-14618262/SI-REQUESTS RED CAR/NM-MEDINA RICHARD

A1680922JAN94 BK25JAN003LAX ZZCCAR1

OD-/BS14618262

FF:09*ALAMO RENTAL SPECIAL
 CF:0937727
 DP:10* USD 50.00 ONE TIME SPECIAL RATE

A1661122JAN94TZZLAX BK 1

DP:11* USD 49.95-ALL DAY TOUR OF HOLLYWOOD
 DP:12* USD 75.00 NIGHT ON THE TOWN

Example in the Travelport+ System

- 2W62SG/42 XDBKR 0007420 AG 99999992 15AUG
- 1.1MEDINA/RICHARD
 1. AA 247 Y 20JAN ORDSFO BK1 1200 1427 SA
 2. HHL WI HK1 SFO 20JAN-22JAN 2NT 43 WESTIN SFO AIRPORT
 1A1KRAC -1/RT-USD150.00/AGT14618262/ITUA3728872/SI-TEST BO
 OKING DISREGARD/NM-MEDINA RICHARD/CF-144SLM*
 3. CCR ZI HK1 SFO 20JAN-22JAN EDAR/BS-14618262/SI-REQUESTS RED
 CAR/DT-1200/NM-MEDINA RICHARD/CF-10775926USO*
 4. UA 1703 Y 22JAN SFOLAX BK1 0830 0958 MO
 5. HTL UA BK1 LAX 22JAN-OUT25JAN SGLB LE DUFY HOTEL DELUXE/CF-



ABC172883/W-1000 WESTMOUNT DRIVE WEST HOLLYWOOD CA 90069

6. H ** PAID ** 22JAN-**DEPOSIT MADE ACCOUNT 2006**PAID GBP1
00.00**

7. H ** DUE ** 22JAN-****DUE GBP500.00**

8. H ** TEXT ** 22JAN-**YOUR ROOM INCLUDES ALL AMENITIES**

9. H ** TEXT ** 22JAN-**HAVE A PLEASANT STAY**

10. CAR UA BK1 LAX 22JAN-25JAN CCAR/BS14618262 ALAMO RENTAL SPE
CIAL/CF-37727

11. C ** DUE ** 22JAN-**ONE TIME SPECIAL RATE**DUE GBP50.00*
*

12. TUR UA BK1 LAX 22JAN-ALL DAY TOUR OF HOLLYWOOD

13. T ** PAID ** 22JAN-****PAID GBP49.95**

14. TUR UA BK1 LAX 22JAN-NIGHT ON THE TOWN

15. T ** DUE ** 22JAN-****DUE GBP75.00**

FONE-LONB*01793 888830 NICH0J GALILEO SWI
TKTG-T*

Auxiliary portion of the MIR relating to the example booking

A16A0220JAN9600043WISFO NHK22JAN002WESTIN SFO AIRPORT 415 692-3500
415 692-3500 D1AKRAC1
OD-/ADV 6PM/AGT14618262/ITUA3728872/SI-TEST BOOKING DISREGARD/RT-USD000015000
CF:02144SLM
W/:021 BAYSHORE HWY*MILLBRAE*CA*94030*US

A1670522JAN96UALAX BK25JAN003
OD-/SGLB LE DUFY HOTEL DELUXE
FF:08YOUR ROOM INCLUDES ALL AMENITIES
FF:09HAVE A PLEASANT STAY
CF:05ABC172883
DP:06 GBP100.00-DEPOSIT MADE ACCOUNT 2006
DP:07 GBP500.00
W-:051000 WESTMOUNT DRIVE WEST HOLLYWOOD CA 90069

A16B0320JAN96AVIS HK22JAN002SFO ZIEDAR1SAN FRANCISCO INTL APO
OD-/BS-14618262/SI-REQUESTS RED CAR/NM-MEDINA RICHARD

A1681022JAN94 BK25JAN003LAXUA
OD-CCAR/BS14618262 ALAMO RENTAL SPECIAL
CF:1037727
DP:11 GBP50.00 ONE TIME SPECIAL RATE

A1661222JAN96TUA LAX BK 1
OD-ALL DAY TOUR OF HOLLYWOOD
DP:13 GBP49.95-

A1661422JAN96TUA LAX BK 1
OD-NIGHT ON THE TOWN
DP:15 GBP75.00

The organisation of due/paid/text items in the Travelport+ MIR depends on how the entry is made. Consider



the following Booking File. Note that segment 3 begins with a T. This means that it was entered as RD.T/22JAN*TEST*50.00. The item appears in the extract from the MIR as the very last item.

```
1. BA 302 J 22JAN LHRC DG PN1 0620 0825 MO
2. HHL RT HK1 PAR 22JAN-23JAN 1NT 51269 SUITEHOTEL PARIS RO
  1S1DASW -1/RG-EUR79.00/AGT99999992/NM-TEST A/CF-3336HAL500
  *
  APPROXIMATE TOTAL RATE - EUR79.00
3. T ** DUE ** 22JAN-**TEST**DUE HRK50.00**
4. AF 7662 Y 23JAN CDGMRS PN1 1025 1150 TU
5. HHL RT HK1 MRS 23JAN-24JAN 1NT 28766 NOVOTEL PTE MARSEIL
  1ROHPCS -1/RG-EUR105.00/AGT99999992/NM-TEST A/CF-0442HAM50
  0*
  APPROXIMATE TOTAL RATE - EUR105.00
6. H ** PAID ** 23JAN-** PAID**PAID HRK10.00**
7. H ** TEXT ** 23JAN-**MORE TEXT**
>
```

Now consider the resulting MIR and note the position of the Due item.:

```
A16A0222JAN07051269RTPAR NHK23JAN001SUITEHOTEL PARIS RO 33 1-343
OD-/AGT99999992/NM-TEST A/RG-EUR79.00
01-/AT-EUR7900
CF:023336HAL500
W-:027 ALLEE DES VERGERS@ROISSY EN FRANCE@95700@FR@
A16A0523JAN07028766RTMRS NHK24JAN001NOVOTEL PTE MARSEIL 33 4-428
OD-/AGT99999992/NM-TEST A/RG-EUR105.00
01-/AT-EUR10500
FF:07 MORE TEXT
CF:050442HAM500
DP:06 HRK 10.00- PAID
W-:0524 RUE DE MADRID@VITROLLES@13127@FR@ZI LES ESTROUBLANS@
A16UZ:03T22JANHRK 50.00 TEST
```

Now look at segment 3 in the following Booking File. In fact, this is the same Booking file the difference is simply that segment 3 was deleted and replaced with RD.H/22JAN*TEST*50.00. The data has moved from the very last line of the MIR where it appeared as a separate A16 item to the 5th line (beginning DP:03) of the first A16 item.

```
1. BA 302 J 22JAN LHRC DG PN1 0620 0825 MO
2. HHL RT HK1 PAR 22JAN-23JAN 1NT 51269 SUITEHOTEL PARIS RO
  1S1DASW -1/RG-EUR79.00/AGT99999992/NM-TEST A/CF-3336HAL500
  *
  APPROXIMATE TOTAL RATE - EUR79.00
3. H ** DUE ** 22JAN-**TEST**DUE HRK50.00**
4. AF 7662 Y 23JAN CDGMRS PN1 1025 1150 TU
5. HHL RT HK1 MRS 23JAN-24JAN 1NT 28766 NOVOTEL PTE MARSEIL
  1ROHPCS -1/RG-EUR105.00/AGT99999992/NM-TEST A/CF-0442HAM50
  0*
  APPROXIMATE TOTAL RATE - EUR105.00
6. H ** PAID ** 23JAN-** PAID**PAID HRK10.00**
7. H ** TEXT ** 23JAN-**MORE TEXT**
```



>
A16A0222JAN07051269RTPAR NHK23JAN001SUITEHOTEL PARIS RO 33 1-343
OD-/AGT99999992/NM-TEST A/RG-EUR79.00
O1-/AT-EUR7900
CF:023336HAL500
DP:03 HRK 50.00 TEST
W-:027 ALLEE DES VERGERS@ROISSY EN FRANCE@95700@FR@
A16A0523JAN07028766RTMRS NHK24JAN001NOVOTEL PTE MARSEIL 33 4-428
OD-/AGT99999992/NM-TEST A/RG-EUR105.00
O1-/AT-EUR10500
FF:07 MORE TEXT
CF:050442HAM500
DP:06 HRK 10.00- PAID
W-:0524 RUE DE MADRID@VITROLLES@13127@FR@ZI LES ESTROUBLANS@

The data from a due/paid/text item will be inserted in the associated A16 item if:

1. The segment type is the same (e.g. RD.H for an HHL segment)
2. The date of travel is the same

If either is different a separate A16 item will be sent.

For example: highlighting the differences between Travelport Apollo System and Travelport+ - refer to previous examples.

Auxiliary portion of the MIR relating to sample booking file

A16A0220JAN9600043WISFO NHK22JAN002WESTIN SFO AIRPORT 415 692-3500
415 692-3500 D1AKRAC1
OD-/ADV 6PM/AGT14618262/ITUA3728872/SI-TEST BOOKING DISREGARD/RT-USD000015000
CF:02144SLM
W/:021 BAYSHORE HWY*MILLBRAE*CA*94030*US

A1670522JAN96UALAX BK25JAN003
OD-/SGLB LE DUFY HOTEL DELUXE
FF:08YOUR ROOM INCLUDES ALL AMENITIES
FF:09HAVE A PLEASANT STAY
CF:05ABC172883
DP:06 GBP100.00-DEPOSIT MADE ACCOUNT 2006
DP:07 GBP500.00
W-:051000 WESTMOUNT DRIVE WEST HOLLYWOOD CA 90069

A16B0320JAN96AVIS HK22JAN002SFO ZIEDAR1SAN FRANCISCO INTL APO
OD-/BS-14618262/SI-REQUESTS RED CAR/NM-MEDINA RICHARD

A1681022JAN94 BK25JAN003LAXUA
OD-CCAR/BS14618262 ALAMO RENTAL SPECIAL
CF:1037727
DP:11 GBP50.00 ONE TIME SPECIAL RATE

A1661222JAN96TUA LAX BK



OD-ALL DAY TOUR OF HOLLYWOOD
DP:13 GBP49.95-

A1661422JAN96TUA
OD-NIGHT ON THE TOWN
DP:15 GBP75.00

LAX BK 1

HHL - Roommaster Hotel

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A16SEC	3	B	Section label "A16"
1	03	03	A16TYP	1	B	Segment type code "A" - HHL Hotel booked through RoomMaster.
1	04	04	A16NUM	2	N	Itinerary index number (segment number) This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary.
1	06	06	A16DTE	7	B	Arrival date (Format: DDMMYY) Scheduled arrival date for the hotel reservation.
1	0D	13	A16PRP	6	B	Property number Right justified. Zero filled. The specific property number assigned in the RoomMaster system. Note: a change of chain does not change the Property Number.
1	13	19	A16HCC	2	A	Hotel chain code
1	15	21	A16CTY	4	B	Alpha city code Usually the city code of the hotel property, but a Pseudo city Code used by agency consortiums can also be used in this field.
1	19	25	A16MUL	1	A	Multi-level rate indicator This indicator identifies whether the booking was priced through RoomMaster or if a special rate was used based on an agreement between the agency and the hotel vendor. Y = Multi Level Rate used N = Priced Through RoomMaster
1	1A	26	A16STT	2	A	Hotel action/status code HK = Confirmed Reservation UC = Unconfirmed Reservation
1	1C	28	A16OUT	5	B	Departure date (Format: DDMMM) Scheduled departure date from the hotel.
1	21	33	A16DAY	3	N	Number of nights



Level	Hex	Dec	Label	Bytes	Type	Description
						Length of hotel stay.
1	24	36	A16NME	20	B	Hotel name The hotel name is taken directly from RoomMaster database, which is entered by the hotel vendor. If more than 20 characters it is truncated.
1	38	56	A16FON	17	B	Telephone number Hotel phone number.
1	49	73	A16FAX	17	B	Hotel fax number
1	5A	90	A16RTT	1	A	Rate type D = Daily W = Weekly M = Monthly
1	5B	91	A16RMS	8	B	X = NUMBER OF ROOMS XXX = ROOM TYPE XXX = RATE TYPE X = NUMBER OF PEOPLE
1	63	99	A16LOC	20	B	Hotel location RoomMaster generated location information. Usually the street address of hotel or location information immediately following the hotel name found in the description of the property.
1	77	119	A16C01	1	S	Carriage return

Note: Carriage Return "A16C01" directly follows the last fixed data field in the auxiliary section of the MIR.						
OPTIONAL DATA "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers, to locate desired information.						
Travelport+: outside the US, agents are not obliged to enter data in the format shown. Where data is marked with an "*" if the vendor returns this data it will appear in Optional data.						
1			A16ODN	223	I	Optional data section
2			A16ODI	3	A/S	Optional data identifier OD-
2			A16ODD	220	B/S	Optional data Any or all of the optional data fields can exist in the optional data section with a maximum of 220 characters. These fields appear in the same order as those listed over. Note that new fields may be introduced by RoomMaster and announced by that group and not included in this document.

OPTIONAL DATA FIELD	MAX FIELD SIZE	ENTRY
/RAC- RATE ACCESS CODE	11	Rate Access Code



OPTIONAL DATA FIELD	MAX FIELD SIZE	ENTRY
	The data field identifier is included in the maximum field size. Example: /RAC-XXXXXX	
/ADV ADVISED GUARANTEE	7	Room guarantee - Latest time room will be held until for late arrival.
/AGT BOOKING SOURCE	8	Programmatic response: /AGT14618262
/RR- RATE REQUESTED	7	01A1K1/RR-WEEKEND
/G- GUARANTEE LATE ARRIVAL /G-PAY ADVANCE PURCHASE *SU SINGLE-USE CREDIT CARD	69	01A1K1/G-DEPOSIT /G-AX373223791111013EXP0196 01INSIDE1/G-PAYAX370000000000028EXP1215 01INSIDE1/G-AX370000000000028EXP1213*SU
/RA- ROLLAWAY - ADULT	9	01A1K1/RA-1
/RC- ROLLAWAY - CHILD	9	01A1K1/RC-2
/CR- CRIB CHARGE	9	01A1K1/CR-1
/EX- EXTRA ADULT CHARGE	9	01A1K1/EX-10
/EC- EXTRA CHILD CHARGE	9	01A1K1/EC-2
/IT TOUR NUMBER	17	01A1K1/ITUAE1234567
/L TOUR ROOM LOCATION	2	01A1K1/LBF BF = BEACH FRONT MV = MOUNTAIN VIEW OF = OCEAN FRONT PS = POOL SIDE SV = SEA VIEW GC = GOLF COURSE VIEW* BV = BAY VIEW* GV = GARDEN VIEW* LV = LAKE VIEW* RV = RIVER VIEW* CV = COURTYARD VIEW* DO = DOWN AND OUT* *Travelport Apollo System only.
/M TOUR MEAL PLAN	2	01A1K1/MCB AP = AMERICAN PLAN



OPTIONAL DATA FIELD	MAX FIELD SIZE	ENTRY
		BP = BERMUDA PLAN CB = CARIBBEAN PLAN CP = CONTINENTAL PLAN FP = FAMILY PLAN MA = MODIFIED AMERICAN PLAN
* /CD- CORPORATE DISCOUNT	15	01A1K1/CD-736245
/FG- FREQUENT GUEST	25	01A1K1/FG-3462175
/FT-FREQUENT AIR TRAVELER NUMBER	25	01A1K1/FT-UA00101269310
/ID-FREQUENT DRIVER	25	01A1K1/ID-1234567981123
* /SI- SPECIAL INFORMATION	135	01A1K1/SI-DSRS 1ST FLOOR
* /NM- NAME ROOM HELD UNDER	25	01A1K1/NM-SHARI MORGAN
/RQ-RATE QUOTED	12	(VENDOR RESPONSE) 01A1K1/RQ-12500
/RG-RATE GUARANTEED	12	(VENDOR RESPONSE) 01A1K1/RG-USD12500
*/RT-RATE	12	(AGENT OVERRIDE and VENDOR RESPONSE) 01A1K1/RT-6500
/AT-APPROXIMATE TOTAL		
Note: "*" indicates this data may be returned by the vendor or input by the agent.		

Level	Hex	Dec	Label	Bytes	Type	Description
1			A16C02	1		Carriage return

Note: Carriage Return "A16C02" is a floating carriage return that applies to the Optional Data Item transmitted in each Auxiliary Segment. It directly follows the last Optional Data field transmitted and may be omitted if no Optional Data exists for this segment.						
1			A16O1C	3	A/N	Optional data continuation identifier O1-
1			A16O1D	250	B/S	Optional data continuation Any or all of the optional data continuation fields can exist up to a maximum of 250 characters. These fields appear in the following order. Maximum field size includes data identifier.
OPTIONAL DATA FIELD		MAX FIELD SIZE	ENTRY			



Level	Hex	Dec	Label	Bytes	Type	Description
/AT-APPROXIMATE TOTAL	12					
/DBL-DIRECT BILL	55					>01INSIDE1/G-AX370000000000028EXP1215/DBL-1234567181** - TRAVELPORT AGENCY
/CS CCV CODE ENTRY	3					>01INSIDE1/G-AX370000000000028EXP1215/CS-1234
1			A16C03	1	S	Carriage return

Note: Carriage Return "A16C03" is a floating carriage return that applies to the Optional Data Continuation item transmitted in each Auxiliary Segment. It directly follows the last Optional Data Continuation field transmitted and may be omitted if no Optional Data Continuation exists for this segment.						
1			A16O2C	3	A/N	Optional data continuation identifier O2-
1			A16O2D	250	B/S	Optional data continuation Any or all of the optional data continuation fields can exist up to a maximum of 250 characters. Maximum field size includes data identifier.
OPTIONAL DATA FIELD	MAX FIELD SIZE	ENTRY				
/CPI-CARD PAYMENT INSTRUCTIONS	200	01A1KCOR/G-PAYAX0000000000000000EXP1216/PF-BUS-FBS-PRK-WFI**-MAX CREDIT LIMIT 500 USD				
1			A16C04	1	S	Carriage return

Note: Carriage Return "A16C04" is a floating carriage return that applies to the O2- Optional Data Continuation item transmitted in each Auxiliary Segment. It directly follows the last O2- Optional Data Continuation field transmitted and may be omitted if no O2- Optional Data Continuation exists for this segment.						
1			A16O3C	3	A/N	Optional data continuation identifier O3-
1			A16O3D	250	B/S	Optional data continuation Any or all of the optional data continuation fields can exist up to a maximum of 250 characters. Maximum field size includes data identifier.
OPTIONAL DATA FIELD	MAX FIELD SIZE	ENTRY				
/MEA- MEAL PLAN	46 66	N/A				



Level	Hex	Dec	Label	Bytes	Type	Description
/CXL- CANCELLATION RULE	8					
/CMI- COMMISSION Indicator (Y, YES, N, NO)	15					
/COM- COMMISSION						
1			A16C05	1	S	Carriage return

Note: Carriage Return "A16C05" is a floating carriage return that applies to the O3- Optional Data Continuation item transmitted in each Auxiliary Segment. It directly follows the last O3- Optional Data Continuation field transmitted and may be omitted if no O3- Optional Data Continuation exists for this segment.						

1			A16FFN	66		Free form data section
2			A16FFI	3		Free form data identifier FF:
2			A16FIP	2		Itinerary index number (segment number) This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the HHL or HTL segment associated to the hotel reservation that the Freeform Data is contained in.
2			A16FTI	1		Indicator Travelport Apollo System: [] or * indicator. This indicator identifies which format the agent used to enter the following data. [] = Data does not print on itinerary * = Data does print on itinerary. Travelport+: RT. entry otherwise blank filled.
Level	Hex	Dec	Label	Bytes		Description
2			A16FFD	60		Free form data Travelport+: data may be truncated from 68 characters.
1			A16C05	1		Carriage return

Note: Carriage Return "A16C05" is a floating carriage return that applies to the Freeform Data Item transmitted in each Auxiliary Segment. It directly follows the last Freeform Data field transmitted and may be omitted if no Freeform Data exists for this segment.						



Level	Hex	Dec	Label	Bytes	Type	Description
1			A16CFN	35		Confirmation number section
2			A16CFI	3		Confirmation number identifier CF:
2			A16CIP	2		Itinerary index number (Segment Number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the HHL or HTL segment associated to the hotel reservation that the Confirmation Number is contained in.
2			A16CFD	30		Confirmation number The confirmation number is displayed in the PNR/Booking File as optional data preceded by /CF-.
1			A16C06	1		Carriage return

<p>Note: Carriage Return "A16C06" is a floating carriage return that applies to the Confirmation Number Item transmitted in each Auxiliary Segment. It directly follows the last Confirmation Number field transmitted and may be omitted if no Confirmation Number exists for this segment.</p>						
1			A16DPN	94		Due/Paid section
2			A16DPI	3		Due/Paid identifier DP:
2			A16DPP	2		Itinerary index number (segment number) This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the HHL or HTL segment associated to the hotel reservation that the Due/Paid Data is contained in.
2			A16DTI	1		Indicator Travelport Apollo System: [] or * indicator. This indicator identifies which format the agent used to enter the following data. [] = Data does not print on itinerary * = Data does print on itinerary Travelport+ only: Dues, Paid, Text data is input by RD. and RP. Otherwise is blank filled.



Level	Hex	Dec	Label	Bytes	Type	Description
Level	Hex	Dec	Label	Bytes		Description
2			A16DAD	12		Accounting data Travelport Apollo System: the data is picked up from the DUE/PAID segments of the itinerary using the format: **DUE200.00/10SALE** where "/10SALE" is considered accounting data. The accounting data information does not print on the itinerary. Individual Back Office Systems design their own use of this field. Travelport+: blank filled.
2			A16DCR	3		Currency code for due/paid data
2			A16DPD	12		Due/Paid amount
2			A16DPA	1		Due or paid indicator Indicates whether the amount entered is a Due or Paid amount. Space = Due Amount "-" = Paid Amount
2			A16DPF	60		Free form data Travelport+: freeform data input after the * character which follows RD. and RP. entries.
1			A16C07	1		Carriage return

<p>Note: Carriage Return "A16C07" is a floating carriage return that applies to the Due/Paid Item transmitted in each Auxiliary Segment. It directly follows the last Due/Paid field transmitted and may be omitted if no Due/Paid Data exists for this segment.</p>						
1			A16WAN	105		Address section
2			A16WAI	3		Address identifier W-:
2			A16WAP	2		Itinerary index number (segment number) This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the HHL or HTL segment associated to the hotel reservation that the Address Data is contained in.
2			A16WAD	100		Address data This is the RoomMaster Address.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A16C08	1		Carriage return

<p>Note: Carriage Return "A16C08" is a floating carriage return that applies to the Address Item transmitted in each Auxiliary Segment. It directly follows the last Address field transmitted and may be omitted if no Address Data exists for this segment.</p>						
1			A16C09	1		Carriage return - This carriage return indicates the end of the Auxiliary Data Section and follows the last Auxiliary Segment in this record.

HTL - Non-Roommaster Hotel

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A16SEC	3	B	Section label "A16"
1	03	03	A16TYP	1	B	Segment type code "7" - HTL Non-RoomMaster hotel
1	04	04	A16NUM	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary.
1	06	06	A16DTE	7	B	Arrival date (Format: DDMMYY). Scheduled arrival date for the hotel reservation.
1	0D	13	A16HCC	2	A	Hotel chain code Travelport+: blank filled. May appear in Optional Data if within the Airimp message.
1	0F	15	A16CTY	4	B	Alpha city code Usually the city code of the hotel property, but a Pseudo city Code used by agency consortiums can also be used in this field.
1	13	19	A16STT	2	A	Hotel action/status code <ul style="list-style-type: none"> • HK = Confirmed Reservation • BK = Passive - Manually entered into Travelport Apollo System • MK = Passive - Manually entered into Travelport Apollo System/Travelport+ Travelport+: Status is per Booking File.
1	15	21	A16OUT	5	B	Departure date (Format: DDMMYY) Travelport Apollo System: scheduled departure date from the hotel. If not entered by agent, field will be blank. Travelport+: always filled.



Level	Hex	Dec	Label	Bytes	Type	Description
1	1A	26	A16DAY	3	N	Number of nights Length of hotel stay. If Departure Date is not entered by the agent, field is blank.
1	1D	29	A16NME	20	B	Hotel name Filled from W- first subfield which may be an address, otherwise blank filled.
1	31	49	A16RMS	1	N	Number of rooms
1	32	50	A16C01	1	S	Carriage return

Note: Carriage Return "A16C01" directly follows the last fixed data field in the auxiliary section of the MIR.

****OPTIONAL DATA**** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers to locate desired information.

Travelport+: outside the US, agents are not obliged to enter data in the format shown. Where data is marked with an ****** if the vendor returns this data it will appear in Optional data.

1			A16ODN	223	I	Optional data section																								
1			A16ODI	3	A/S	Optional data identifier OD-																								
1			A16ODD	220	B/S	Optional data Any or all of the optional data fields can exist in the optional data section with a maximum of 220 characters. These fields appear in the same order as those listed below. <table border="1"> <thead> <tr> <th>Optional Data Field</th> <th>Max Field Size</th> <th>Entry</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>0HTLZZBK1SFO15JUN-20JUN</td> </tr> <tr> <td>/G- GUARANTEE LATE ARRIVAL</td> <td>69</td> <td>/G-DEPOSIT /G- AX373223791111013EXP0196</td> </tr> <tr> <td>/RA- ROLLAWAY - ADULT</td> <td>9</td> <td>/RA-1</td> </tr> <tr> <td>/RC- ROLLAWAY - CHILD</td> <td>9</td> <td>/RC-2</td> </tr> <tr> <td>/CR- CRIB CHARGE</td> <td>9</td> <td>/CR-1</td> </tr> <tr> <td>/EX- EXTRA ADULT CHARGE</td> <td>9</td> <td>/EX-10</td> </tr> <tr> <td>/IT TOUR NUMBER</td> <td>17</td> <td>/ITUAE1234567</td> </tr> </tbody> </table>	Optional Data Field	Max Field Size	Entry			0HTLZZBK1SFO15JUN-20JUN	/G- GUARANTEE LATE ARRIVAL	69	/G-DEPOSIT /G- AX373223791111013EXP0196	/RA- ROLLAWAY - ADULT	9	/RA-1	/RC- ROLLAWAY - CHILD	9	/RC-2	/CR- CRIB CHARGE	9	/CR-1	/EX- EXTRA ADULT CHARGE	9	/EX-10	/IT TOUR NUMBER	17	/ITUAE1234567
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Level	Hex	Dec	Label	Bytes	Type	Description																					
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/CM-COMMISSION	6	/CM-05																									
/NM-NAME	59	/NM-CUSTOMER/NAME																									
1			A16C02	1	S	Carriage return																					

<p>Note: Carriage Return "A16C02" is a floating carriage return that applies to the Optional Data item transmitted in each Auxiliary Segment. It directly follows the last Optional Data field transmitted and may be omitted if no Optional Data exists for this segment.</p>																											
1			A16O1C	3	A/N	Optional data continuation identifier O1-																					
1			A16O1D	100	A/N	<p>Optional data continuation Any or all of the optional data continuation fields can exist up to a maximum of 100 characters. These fields appear in the following order. Maximum field size includes data identifier.</p> <table border="1"> <thead> <tr> <th>Data identifier/name</th> <th>Max field size</th> </tr> </thead> <tbody> <tr> <td>/P - Property number</td> <td>9</td> </tr> <tr> <td>/H - Property name</td> <td>27</td> </tr> <tr> <td>/R - Room type/rate code</td> <td>10</td> </tr> <tr> <td>/BC - Booking reason code</td> <td>5</td> </tr> </tbody> </table> <p> G = Group booking H = Property not listed I = Internet only rate N = Multi-level rate not offered (Negotiated/Corporate Rate) M = Government/Military P = Package or tour rate not offered R = Rate not offered U = Property sold out V = Government rate not offered </p>	Data identifier/name	Max field size	/P - Property number	9	/H - Property name	27	/R - Room type/rate code	10	/BC - Booking reason code	5											
Data identifier/name	Max field size																										
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Level	Hex	Dec	Label	Bytes	Type	Description
						B = Bed and breakfast lodging C = Customer rate T = Travelport Rooms and More
1			A16C03	1	S	Carriage return

Note: Carriage Return "A16C03" is a floating carriage return that applies to the Optional Data Continuation item transmitted in each Auxiliary Segment. It directly follows the last Optional Data Continuation field transmitted and may be omitted if no Optional Data Continuation exists for this segment.						
1			A16FFN	66	I	Free form data section
2			A16FFI	3	A/S	Free form data identifier FF:
2			A16FIP	2	N	Itinerary index number (segment number) This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the HTL segment associated to the hotel reservation that the free form data is contained in.
2			A16FTI	1	S	Indicator Travelport Apollo System: [] or * This indicator identifies which format the agent used to enter the following data. <ul style="list-style-type: none"> [] = Data does not print on itinerary * = Data does print on itinerary. Travelport+: blank filled.
2			A16FFD	60	B/S	Free form data Travelport+: data may be truncated from 68 characters.
1			A16C04	1	S	Carriage return

Note: Carriage Return "A16C04" is a floating carriage return that applies to the free form data Item transmitted in each Auxiliary Segment. It directly follows the last Freeform Data field transmitted and may be omitted if no free form data exists for this segment.						
1			A16CFN	35	I	Confirmation number section
2			A16CFI	3	A/S	Confirmation number identifier CF:
2			A16CIP	2		Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the HTL segment associated to the hotel reservation that the Confirmation Number is contained in.



Level	Hex	Dec	Label	Bytes	Type	Description
2			A16CFD	30	B	Confirmation number
1			A16C05	1	S	Carriage return

<p>Note: Carriage Return "A16C05" is a floating carriage return that applies to the Confirmation Number Item transmitted in each Auxiliary Segment. It directly follows the last Confirmation Number field transmitted and may be omitted if no Confirmation Number exists for this segment.</p>						
1			A16DPN	94	I	Due/Paid section
2			A16DPI	3	A/S	Due/Paid identifier DP:
2			A16DPP	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the HTL segment associated to the hotel reservation that the Due/Paid data is contained in.
2			A16DTI	1	S	Indicator Travelport Apollo System: [] or * This indicator identifies which format the agent used to enter the following data. <ul style="list-style-type: none"> [] = Data does not print on itinerary * = Data does print on itinerary. Travelport+: Dues, Pairs, Text data is input by RD. and RP.; otherwise this is blank filled.
2			A16DAD	12	B/S	Accounting data Travelport Apollo System: the data is picked up from the DUE/PAID segments of the itinerary using the format **DUE200.00/10SALE** where "/10SALE" is considered accounting data. The accounting data information does not print on the itinerary. (Travelport Apollo System only). Travelport+: blank filled. Individual Back Office Systems design their own use of this field.
2			A16DCR	3	A	Currency code for due/paid data
2			A16DPD	12	N/S	Due/Paid amount
2			A16DPA	1	S	Due or paid indicator Indicates whether the amount entered is a Due or Paid amount. <ul style="list-style-type: none"> Space = Due Amount "-" = Paid Amount
2			A16DPF	60	B/S	Free form data



Level	Hex	Dec	Label	Bytes	Type	Description
						Travelport+: freeform data input after the * character which follows RD. and RP. entries.
1			A16C06	1	S	Carriage return

<p>Note: Carriage Return "A16C06" is a floating carriage return that applies to the Due/Paid Item transmitted in each Auxiliary Segment. It directly follows the last Due/Paid field transmitted and may be omitted if no Due/Paid Data exists for this segment.</p>						
1			A16WAN	105	I	Address section
2			A16WAI	3	A/S	Address identifier W-:
2			A16WAP	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the HTL segment associated to the hotel reservation that the Address Data is contained in.
2			A16WAD	100	B/S	Address and phone data This is the address entered by the agent in the /W- format.
1			A16C07	1	S	Carriage return

<p>Note: Carriage Return "A16C07" is a floating carriage return that applies to the Address Item transmitted in each Auxiliary Segment. It directly follows the last Address field transmitted and may be omitted if no Address Data exists for this segment.</p>						
1			A16RMI	3	A/S	Number of rooms identifier RM:
1			A16RII	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the HTL segment associated to the hotel reservation that the Number of Rooms is contained in.
1			A16RMN	2	N	Number of rooms
1			A16C08	1	S	Carriage return

<p>Note: Carriage Return "A16C08" is a floating carriage return that applies to the Number of Rooms Item transmitted in each Auxiliary Segment. It directly follows the last Number or Rooms field transmitted and may be omitted if no Number of Rooms Data exists for this segment.</p>						
1			A16C09	1	S	Carriage return This carriage return indicates the end of the Auxiliary Data Section and follows the last Auxiliary Segment in this record.



CCR - Carmaster and Car Non-carmaster (Active and Passive

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A16SEC	3	B	Section label "A16"
1	03	03	A16TYP	1	B	Segment type code <ul style="list-style-type: none">"B" - CCR Car booked through CarMaster"8" - CAR - Non-CARMASTER or passive entered car
1	04	04	A16NUM	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary.
1	06	06	A16DTE	7	B	Pick-up date (Format: DDMMYY) Scheduled pick-up date for the car reservation.
1	0D	13	A16CAR	12	A	Car rental company This is determined by the two character vendor code entered for the Car Rental. If the agent manually enters "ZZ" this field is left blank. Travelport+: Non-CarMaster, blank filled, data may appear in A16CCT.
1	19	25	A16STA	2	A	Car actions/status code Travelport Apollo System: <ul style="list-style-type: none">HK = Confirmed ReservationBK = Passive entered dataUC = Unconfirmed Reservation Travelport+: shown as per Booking File status.
1	1B	27	A16CDT	5	B	Car return date (Format: DDMMM) Scheduled drop off date for the car. If not entered by the agent, this field is blank for Type "8" cars. Travelport+: Non-CarMaster, blank filled, data may appear in A16CCT.
1	20	32	A16DAY	3	N	Number of days Length of car rental. This field compares the Pick-up Date to the Return Date. If this date is the same, this field is zero filled. If Return Date is not entered, this field blank. Travelport+: Non-CarMaster, blank filled, data may appear in A16CCT.
1	23	35	A16CCC	4	B	Car city code Travelport+: Non-CarMaster, blank filled, data may appear in A16CCT.
1	27	39	A16CVC	2	A	Car vendor code Travelport Apollo System: Car Vendor Code appears.



Level	Hex	Dec	Label	Bytes	Type	Description
						Travelport+: Airline Vendor Code appears.
1	29	41	A16CCT	4	A	Car type
1	2D	45	A16CNI	1	N	Number of cars
1	2E	46	A16PUP	26	B	Car pick-up location
1	48	72	A16DOL	26	B	Car drop-off location Drop-off location of car if it is different from the pick-up location. Travelport+: Non-CarMaster, blank filled, data may appear in A16CCT.
1	62	98	A16PHN	40	B/S	Telephone number for car pick-up location This field is transmitted from the CarMaster database. Travelport+: Non-CarMaster, blank filled, data may appear in A16CCT.
1	8A	138	A16C01	1	S	Carriage return

Note: Carriage Return "A16C01" directly follows the last fixed data field in the auxiliary section of the MIR.

****OPTIONAL DATA**** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers, to locate desired information.

Travelport+: outside the US, agents are not obliged to enter data in the format shown. Where data is marked with an "*" if the vendor returns this data it will appear in Optional data.

1			A16ODN	223	I	Optional data section
1			A16ODI	3	A/S	Optional data identifier OD-
1			A16ODD	220	B/S	Optional data Any or all of the optional data fields can exist in the optional data section with a maximum of 220 characters. These fields appear in the same order as those listed below. Note that new fields may be introduced by CarMaster and announced by that group and not included in this document.

OPTIONAL DATA FIELD	MAX FIELD SIZE	ENTRY 01A2 = CARMASTER or 0CARZZBK1SFO05JUN-10JUNICAR/
/ARR-ARRIVAL TIME	12	01A2/ARR-UA708 01A2/ARR-12P 01A2/ARR-830A-UA223



OPTIONAL DATA FIELD	MAX FIELD SIZE	ENTRY 01A2 = CARMASER or 0CARZZBK1SFO05JUN-10JUNICAR/
/BS- BOOKING SOURCE	19	01A2/BS-843920
/CD- CORPORATE ID NUMBER	24	01A2/CD-Y736245
/ID-CUSTOMER ID NUMBER	25	01A2/ID-DJ567981123. Some vendors may send this as masked data in which case only the first three characters will be sent – the remainder will be replaced by X characters – e.g. /ID-DJ5XXXXXXXXX. -- This function is controlled by vendors.
/DL- DRIVERS LICENSE NUMBER	30	01A2/DL-M625-7926-2760
* /DC- DROP-OFF CHARGE	13	01A2/DC-USD50.00
/DO- DROP OFF LOCATION	25	01A2/DO-LAXT98
/DT- DROP OFF TIME	9	01A2/DT-2P
/FT- FREQUENT AIR TRAVELER NUMBER	25	01A2/FT-UA00101269310
/NM- NAME FIELD	30	01A2/NM-MEDINA RICH
/G- PAYMENT GUARANTEE	25	01A2/G-AX373223791111013EXP0196
/PUP- PICK –UP	6	01A2/PUP-LASR29
/PR-PREPAYMENT INFORMATION	25	01A2/PR-\$50.00
/RC- RATE CODE IDENTIFICATION	14	01A2/RC-ACD123
/IT TOUR NUMBER	20	01A2/ITUAE1234567
/RT- RATE /RQ- RATE QUOTED /RG-RATE GUARANTEED	55	(AGENT OVERRIDE-CAR) 01A2/RT-USD29.95 EXAMPLE: RQ-USD229.95WY-.31 MI 100MI XD43.95 .31MI USD = CURRENCY CODE 229.95 = AMOUNT WY = RATE TYPE (DY, WE, WY, MY, MO, BR, WK, WD, AD, SP, D1, D2, D3, D4, D5, D6, D7, D8, D9 = rate types usually entered by the vendor). - = SEPARATOR .31 MI = MILEAGE CHARGE 100MI = NUMBER OF MILES FREE XD43.95 = EXTRA DAY CHARGE .31MI = EXTRA MILEAGE CHARGE
/SQ- SPECIAL EQUIPMENT REQUEST	20	01A2/SQ-SKI RACK
* /SI- SPECIAL INFORMATION	30	01A2/SI-DSRS 2 DOOR
/AT-APPROXIMATE TOTAL		
Note: "*" indicates this data may be returned by the vendor, or input by the agent.		



Level	Hex	Dec	Label	Bytes	Type	Description																					
1			A16C02	1	S	Carriage return																					

<p>Note: Carriage Return "A16C02" is a floating carriage return that applies to the Optional Data Item transmitted in each Auxiliary Segment. It directly follows the last Optional Data field transmitted and may be omitted if no Optional Data exists for this segment.</p>																											
1			A16O1I	3	A/N	Optional data continuation identifier O1-																					
1			A16ODI	250	A/N	Optional data continuation Any or all of the optional data continuation fields can exist up to a maximum of 250 characters. These fields appear in the following order.																					
<table border="1"> <thead> <tr> <th>Data identifier</th> <th>Data name</th> <th>Max field size</th> </tr> </thead> <tbody> <tr> <td>/ID-</td> <td>Customer ID number</td> <td>25</td> </tr> <tr> <td>/AT-</td> <td>Approximate total</td> <td>71</td> </tr> <tr> <td>/BR-</td> <td>Billing reference</td> <td>25</td> </tr> <tr> <td>/DCC-</td> <td>Delivery/Collection charge</td> <td>11</td> </tr> <tr> <td>/DEL-</td> <td>Delivery address</td> <td>102</td> </tr> <tr> <td>/COL-</td> <td>Collection address</td> <td>102</td> </tr> </tbody> </table>							Data identifier	Data name	Max field size	/ID-	Customer ID number	25	/AT-	Approximate total	71	/BR-	Billing reference	25	/DCC-	Delivery/Collection charge	11	/DEL-	Delivery address	102	/COL-	Collection address	102
Data identifier	Data name	Max field size																									
/ID-	Customer ID number	25																									
/AT-	Approximate total	71																									
/BR-	Billing reference	25																									
/DCC-	Delivery/Collection charge	11																									
/DEL-	Delivery address	102																									
/COL-	Collection address	102																									
1			A16C03	1	S	Carriage return																					

<p>Note: Carriage Return "A16C03" is a floating carriage return that applies to the Optional Data Item transmitted in each Auxiliary Segment. It directly follows the last Optional Data field transmitted and may be omitted if no Optional Data exists for this segment.</p>																											
1			A16FFN	66	I	Free form data section																					
2			A16FFI	3	A/S	Free form data identifier FF:																					
2			A16FIP	2	N	Itinerary index number (segment number) This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment																					



Level	Hex	Dec	Label	Bytes	Type	Description
						itinerary. In this case, it is the CCR or CAR segment associated to the car reservation that the free form data is contained.
2			A16FTI	1	S	Indicator APO only: [] or * This indicator identifies which format the agent used to enter the following data. [] = Data does not print on itinerary * = Data does print on itinerary Travelport+: RT. entry otherwise blank filled.
2			A16FFD	60	B/S	Free form data Travelport+: data may be truncated from 68 characters.
1			A16C04	1	S	Carriage return

<p>Note: Carriage Return "A16C04" is a floating carriage return that applies to the free form data item transmitted in each Auxiliary Segment. It directly follows the last free form data field transmitted and may be omitted if no free form data exists for this segment.</p>						
1			A16CFN	35	I	Confirmation number section
2			A16CFI	3	A/S	Confirmation number identifier CF:
2			A16CIP	2		Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the CCR or CAR segment associated to the car reservation that the Confirmation Number is contained in.
2			A16CFD	30	B	Confirmation number
1			A16C05	1	S	Carriage return

<p>Note: Carriage Return "A16C05" is a floating carriage return that applies to the Confirmation Number Item transmitted in each auxiliary segment. It directly follows the last Confirmation Number field transmitted and may be omitted if no Confirmation Number exists for this segment.</p>						
1			A16DPN	94	I	Due/Paid section
2			A16DPI	3	A/S	Due/Paid identifier DP:



Level	Hex	Dec	Label	Bytes	Type	Description
2			A16DPP	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the HHL or HTL segment associated to the hotel reservation that the Due/Paid Data is contained in.
2			A16DTI	1	S	Indicator APO: [] or * This indicator identifies which format the agent used to enter the following data. <ul style="list-style-type: none"> [] = Data does not print on itinerary * = Data does print on itinerary. Travelport+: Dues, Paid, Text data is input by RD. and RP. Otherwise this is blank filled.
2			A16DAD	12	B/S	Accounting data Travelport Apollo System: the data is picked up from the DUE/PAID segments of the itinerary using the format: **DUE200.00/10SALE** where "/10SALE" is considered accounting data. The accounting data information does not print on the itinerary. Individual Back Office Systems design their own use of this field. Travelport+: blank filled.
2			A16DCR	3	A	Currency code for due/paid data
2			A16DPD	12	N/S	Due/Paid amount
2			A16DPA	1	S	Due or paid indicator Indicates whether the amount entered is a Due or Paid amount. Space = Due Amount "- " = Paid Amount
2			A16DPF	60	B/S	Free form data Travelport+: freeform data input after the * character which follows RD. and RP. entries.
1			A16C06	1	S	Carriage return

Note: Carriage Return "A16C06" is a floating carriage return that applies to the Due/Paid Item transmitted in each Auxiliary Segment. It directly follows the last Due/Paid field transmitted and may be omitted if no Due/Paid Data exists for this segment.						
1			A16WAN	105	I	Address section



Level	Hex	Dec	Label	Bytes	Type	Description
2			A16WAI	3	A/S	Address identifier W-:
2			A16WAP	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the CCR or CAR segment associated to the car reservation that the Address Data is contained in.
2			A16WAD	100	B/S	Address data This is the Address entered by the agent using the /W- format.
1			A16C07	1	S	Carriage return

Note: Carriage Return "A16C07" is a floating carriage return that applies to the Address Item transmitted in each Auxiliary Segment. It directly follows the last Address field transmitted and may be omitted if no Address Data exists for this segment.

1			A16VCN	100	I	Car Evoucher section
2			A16VCI	3	A/S	Car Evoucher confirmation number identifier VC-
2			A16VIP	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the CCR or CAR segment associated to the car reservation that the Address Data is contained in.
2			A16EVV	20	B/S	Car Evoucher value
2			A16EVC	25	B	Car Evoucher confirmation number
2			A16EBN	20	B	Car Evoucher billing number
2			A16EAN	30	B	Car Evoucher billing account name
1			A16C08	1	S	Carriage return



Level	Hex	Dec	Label	Bytes	Type	Description
Note: Carriage Return "A16C08" is a floating carriage return that applies to the Car eVoucher Item transmitted in each Auxiliary Segment. It directly follows the last Car eVoucher field transmitted and may be omitted if no eVoucher Data exists for this segment.						
1			A16CID	3	A/S	Number of cars identifier CI:
1			A16CII	2	N	Itinerary index number (segment number) This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the CAR segment associated to the car reservation that the Number of Cars is contained in.
1			A16CNO	2	N	Number of cars
1			A16C09	1	S	Carriage return

Note: Carriage Return "A16C09" is a floating carriage return that applies to the Number of Cars Item transmitted in each Auxiliary Segment. It directly follows the last Number of Cars field transmitted and may be omitted if no Number of Cars Data exists for this segment.						
1			A16C10	1	S	Carriage return This carriage return indicates the end of the Auxiliary Data Section and follows the last Auxiliary Segment in this record.

TUR - Passive Travelport Apollo System Tour or Active Travelport+ Tour and Surface and Air Taxi

[Rail TUR](#)

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A16SEC	3	B	Section label "A16"
1	03	03	A16TYP	1	B	Segment type code <ul style="list-style-type: none"> 6 - TUR Non-Travelport Apollo System Tour 6 - TUR or SUR (Travelport+) 5 - Air Taxi (Travelport+)
1	04	04	A16NUM	2	N	Itinerary index number (segment number) This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary.
1	06	06	A16DTE	7	B	Arrival date (Format: DDMMYY)



Level	Hex	Dec	Label	Bytes	Type	Description																
						Scheduled arrival date for the tour.																
1	0D	13	A16TTY	1	A	<p>Tour type IDAPO: Travelport+</p> <p>Entry: 0TURZBHK2SFO15JUN</p> <ul style="list-style-type: none"> • A = Air taxi (ATX entry) • B = BUST= Tour (TUR entry) • C = CRUISES= Surface (SUR entry) • D = Land • F = FORMS • G = GROUP • I = Insure • K = Ticket • L = Limo • N = Include • O = OTHER • P = PACKAGE • R = RAIL • S = Service • T = TOUR • U = Supply • V = Leisure • W = Software 																
1	0E	14	A16VEN	2	B	<p>Vendor codes</p> <p>A list of Travelport Apollo System Travel Service vendors follows.</p> <p>Travelport+ will show the carrier code from which the segment has been requested.</p> <table border="1"> <tbody> <tr> <td>A3 = AMTRAK</td> <td>AD = ADVANCE RESERVATIONS</td> </tr> <tr> <td>AL = ASTOR LIMOUSINE</td> <td>AS = ASPEN SKI</td> </tr> <tr> <td>BK = BENCHMARK TOURS</td> <td>CC = CAREY LIMOUSINE</td> </tr> <tr> <td>DP = DEAK PERERA</td> <td>EC = MARTEC</td> </tr> <tr> <td>EV = ALLTICKET GROUP</td> <td>FT = FAM-TRIPS UNLIMITED</td> </tr> <tr> <td>GG = GLOBUS-GATEWAY TOURS</td> <td>GM = GROUPMANAGER</td> </tr> <tr> <td>GR = GREYHOUND/TRAILWAYS</td> <td>HA = HOLLAND AMERICA</td> </tr> <tr> <td>HW = HOLLAND AMERICA CRUISES</td> <td>JO = JAPAN ORIENT TOURS</td> </tr> </tbody> </table>	A3 = AMTRAK	AD = ADVANCE RESERVATIONS	AL = ASTOR LIMOUSINE	AS = ASPEN SKI	BK = BENCHMARK TOURS	CC = CAREY LIMOUSINE	DP = DEAK PERERA	EC = MARTEC	EV = ALLTICKET GROUP	FT = FAM-TRIPS UNLIMITED	GG = GLOBUS-GATEWAY TOURS	GM = GROUPMANAGER	GR = GREYHOUND/TRAILWAYS	HA = HOLLAND AMERICA	HW = HOLLAND AMERICA CRUISES	JO = JAPAN ORIENT TOURS
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Level	Hex	Dec	Label	Bytes	Type	Description																						
						<table border="1"> <tr> <td>JS = JACK STOVAL</td> <td>LV = THEATRE SVC AMERICANA</td> </tr> <tr> <td>MN = MANHATTAN INTL LIMO SVC</td> <td>MO = MUTUAL OF OMAHA</td> </tr> <tr> <td>NA = NORTH AMERICA TOUR</td> <td>NC = AAA NATIONAL CRUISE</td> </tr> <tr> <td>PC = PERCIVAL TOURS</td> <td>QT = QUICKTRIPS</td> </tr> <tr> <td>RN = RUNAWAY TOURS</td> <td>SU = SUN VALLEY TOURS</td> </tr> <tr> <td>TA = MEMBERSHIP CLUB</td> <td>TG = INTL TRAVEL GUIDE</td> </tr> <tr> <td>TI = TRAVELERS INSURANCE</td> <td>TK = THEATRE SERVICE AMER</td> </tr> <tr> <td>TT = TAUCK TOURS</td> <td>UP = UNITED TOUR PRODUCTS</td> </tr> <tr> <td>US = UNITED SUPPLIES</td> <td>UV = UNITED VACATIONS</td> </tr> <tr> <td>WC = WEST COACH BUS. SYS</td> <td>WF = WESTERN FOLDER</td> </tr> <tr> <td>WT = CITICORP</td> <td></td> </tr> </table> <p>* Other vendors may exist.</p>	JS = JACK STOVAL	LV = THEATRE SVC AMERICANA	MN = MANHATTAN INTL LIMO SVC	MO = MUTUAL OF OMAHA	NA = NORTH AMERICA TOUR	NC = AAA NATIONAL CRUISE	PC = PERCIVAL TOURS	QT = QUICKTRIPS	RN = RUNAWAY TOURS	SU = SUN VALLEY TOURS	TA = MEMBERSHIP CLUB	TG = INTL TRAVEL GUIDE	TI = TRAVELERS INSURANCE	TK = THEATRE SERVICE AMER	TT = TAUCK TOURS	UP = UNITED TOUR PRODUCTS	US = UNITED SUPPLIES	UV = UNITED VACATIONS	WC = WEST COACH BUS. SYS	WF = WESTERN FOLDER	WT = CITICORP	
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1	10	16	A16VNN	32	A	Vendor name Travelport+: if manually entered will appear in A16ODI.																						
1	30	48	A16CCC	4	B	Alpha city code Usually the city code of where the tour begins, but a Pseudo city Code used by agency consortiums can also be used in this field. In Travelport+, this is the city/airport code from where the segment is requested.																						
1	34	52	A16STT	2	A	Action/Status code <ul style="list-style-type: none"> • HK = Confirmed Reservation • BK = Passive entered Segments Travelport+: as per booking file status.																						
Level	Hex	Dec	Label	Bytes	Type	Description																						
1	36	54	A16CDT	5	B	Return date (Format: DDMMM) Scheduled end of tour date. If not entered by the agent, this field is blank. Travelport+: if manually entered will appear in A16ODI.																						
1	3B	59	A16DAY	3	N	Number of days/nights Length of tour. If the return date is not entered by the agent, this field is blank. Travelport+: if manually entered will appear in A16ODI.																						



Level	Hex	Dec	Label	Bytes	Type	Description
1	3E	62	A16CNI	1	N	Number of units
1	3F	63	A16C01	1	S	Carriage return

Note: Carriage Return "A16C01" directly follows the last fixed data field in the auxiliary section of the MIR.						
OPTIONAL DATA "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers, to locate desired information.						
Travelport+: outside the US, agents are not obliged to enter data in the format shown. Where data is marked with an "*" if the vendor returns this data it will appear in Optional data.						
1			A16ODN	223	I	Optional data section
1			A16ODI	3	A/S	Optional data identifier OD-
1			A16ODD	220	B/S	Optional data Any or all of the optional data fields can exist in the optional data section with a maximum of 220 characters. These fields appear in the same order as those listed over.

OPTIONAL DATA FIELD	MAX FIELD SIZE	ENTRY 0TURZZBK1SFO18JUL-20JUL-**
/ARR-ARRIVAL TIME	12	/ARR-UA708 /ARR-12P /ARR-830A-UA223
/BS BOOKING SOURCE	19	/BS843920
/CD- CORPORATE ID NUMBER	24	/CD-Y736245
/ID-CUSTOMER ID NUMBER	25	/ID-DJ567981123
/DL- DRIVERS LICENSE NUMBER	30	/DL-M625-7926-2760
* /DC- DROP-OFF CHARGE	13	/DC-USD50.00
/DO- DROP OFF LOCATION	25	/DO-LAXT98
/DT- DROP OFF TIME	9	/DT-2P
/FT- FREQUENT AIR TRAVELER NUMBER	25	/FT-UA00101269310
/NM- NAME FIELD	30	/NM-MEDINA RICH



OPTIONAL DATA FIELD	MAX FIELD SIZE	ENTRY 0TURZZBK1SFO18JUL-20JUL-**
/G- PAYMENT GUARANTEE	25	/G-AX373223791111013EXP0196
/PUP- PICK -UP	6	/PUP-LASR29
/PR-PREPAYMENT INFORMATION	25	/PR-\$50.00
/RC- RATE CODE IDENTIFICATION	14	/RC-ACD123
/IT TOUR NUMBER	20	/ITUAE1234567
/RT-RATE /RQ- RATE QUOTED /RG- RATE GUARANTEED	55	/RT-USD29.95 /RQ-USD29.95 /RG-CAD29.95
/SQ- SPECIAL EQUIPMENT REQUEST	20	/SQ-SKI RACK
/SI- SPECIAL INFORMATION	30	/SI-DSRS 2 DOOR
/CO- COMMISSION	9	/CO-10.00
/AGT- BOOKING SOURCE	7	/AGT-14618262
/RR- RATE REQUESTED	7	/RR-WEEKEND
/RA- ROLLAWAY - ADULT	9	/RA-1
/CR- CRIB CHARGE	9	/CR-1
/EX- EXTRA ADULT CHARGE	9	/EX-10.00
/EC- EXTRA CHILD CHARGE	9	/EC-5.00
/L TOUR ROOM LOCATION	2	/LBF BF = BEACH FRONT MV = MOUNTAIN VIEW OF = OCEAN FRONT PS = POOL SIDE SV = SEA VUEW GC = GOLF COURSE VIEW* BV = BAY VIEW* GV = GARDEN VIEW* LV = LAKE VIEW*



OPTIONAL DATA FIELD	MAX FIELD SIZE	ENTRY
		0TURZZBK1SFO18JUL-20JUL-** RV = RIVER VIEW* CV = COURTYARD VIEW* DO = DOWN AND OUT* * Travelport Apollo System only
/M TOUR MEAL PLAN	2	/MCB AP = American plan BP = Bermuda plan CB = Caribbean plan CP = Continental plan FP = Family plan MA = Modified American plan

Note: "*" indicates this data may be returned by the vendor or input by the agent.

Level	Hex	Dec	Label	Bytes	Type	Description
1			A16C02	1	S	Carriage return

<p>Note: Carriage Return "A16C02" is a floating carriage return that applies to the Optional Data Item transmitted in each Auxiliary Segment. It directly follows the last Optional Data field transmitted and may be omitted if no Optional Data exists for this segment.</p>						
1			A16FFN	66	I	Free form data section
2			A16FFI	3	A/S	Free form data identifier FF:
2			A16FIP	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the TUR segment associated to the tour reservation that the Freeform Data is contained in Travelport Apollo System.
2			A16FTI	1	S	Indicator Travelport Apollo System only: [] or * This indicator identifies which format the agent used to enter the following data. [] = Data does not print on itinerary * = Data does print on itinerary. Travelport+: RT. entry otherwise blank filled.
2			A16FFD	60	B/S	Free form data



Level	Hex	Dec	Label	Bytes	Type	Description
						Travelport+: data may be truncated from 68 characters.
1			A16C03	1	S	Carriage return

<p>Note: Carriage Return "A16C03" is a floating carriage return that applies to the Freeform Data Item transmitted in each Auxiliary Segment.</p> <p>It directly follows the last Freeform Data field transmitted and may be omitted if no Freeform Data exists for this segment.</p>						
1			A16CFN	35	I	Confirmation number section
2			A16CFI	3	A/S	Confirmation number identifier CF:
2			A16CIP	2		Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the TUR segment associated to the tour reservation that the Confirmation Number is contained in.
2			A16CFD	30	B	Confirmation number
1			A16C04	1	S	Carriage return

<p>Note: Carriage Return "A16C04" is a floating carriage return that applies to the Confirmation Number Item transmitted in each Auxiliary Segment. It directly follows the last Confirmation Number field transmitted and may be omitted if no Confirmation Number exists for this segment.</p>						
1			A16DPN	94	I	Due/Paid section
2			A16DPI	3	A/S	Due/Paid identifier DP:
2			A16DPP	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the TUR segment associated to the tour reservation that the Due/Paid Data is contained in.
2			A16DTI	1	S	Indicator Travelport Apollo System: [] or * This indicator identifies which format the agent used to enter the following data. [] = Data does not print on itinerary * = Data does print on itinerary.



Level	Hex	Dec	Label	Bytes	Type	Description
						Travelport+: Dues, Paid, Text data is input by RD. and RP. Otherwise this is blank filled.
2			A16DAD	12	B/S	Accounting data Travelport Apollo System: the data is picked up from the DUE/PAID segments of the itinerary using the format **DUE200.00/10SALE** where "/10SALE" is considered accounting data. The accounting data information does not print on the itinerary. (Travelport Apollo System only). Travelport+: blank filled. Individual Back Office Systems design their own use of this field.
2			A16DCR	3	A	Currency code for due/paid data
2			A16DPD	12	N/S	Due/Paid amount
2			A16DPA	1	S	Due or paid indicator Indicates whether the amount entered is a Due or Paid amount. Space = Due Amount "- " = Paid Amount
2			A16DPF	60	B/S	Free form data Travelport+: free form data input after the * character which follows RD. and RP. entries.
1			A16C05	1	S	Carriage return

<p>Note: Carriage Return "A16C05" is a floating carriage return that applies to the Due/Paid Item transmitted in each Auxiliary Segment. It directly follows the last Due/Paid field transmitted and may be omitted if no Due/Paid Data exists for this segment.</p>						
1			A16WAN	105	I	Address section
2			A16WAI	3	A/S	Address identifier "W-:"
2			A16WAP	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the TUR segment associated to the tour reservation that the Address Data is contained in.
2			A16WAD	100	B/S	Address data This is the address entered by the agent in the /W-format.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A16C06	1	S	Carriage return

Note: Carriage Return "A16C06" is a floating carriage return that applies to the Address Item transmitted in each Auxiliary Segment. It directly follows the last Address field transmitted and may be omitted if no Address Data exists for this segment.						
1			A16UID	3	A/S	Number of units identifier UI:
1			A16CII	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. In this case, it is the TUR segment associated to the tour reservation that the Number of Units is contained in.
1			A16UNO	2	N	Number of units
1			A16C07	1	S	Carriage return

Note: Carriage Return "A16C07" is a floating carriage return that applies to the Number of Units Item transmitted in each Auxiliary Segment. It directly follows the last Number of Units field transmitted and may be omitted if no Number of Units Data exists for this segment.						

A31 Rail Data Elements - TUR-Rail Segments and Associated Remarks

The following data elements when included in the TUR-Rail segment will be mapped to the new A31 Rail Data section of the Travelport+ MIR when the RAIL DATA MIR Option is set to 'Y'.

TUR - Rail Data Element	Definition
23JUN	Departure Date
/TYP-TRN	Rail Segment Identifier
S	Segment Identifier
nn	Segment Number of Rail Segment (Not the Booking File Segment Number)
L	Leg Identifier
nn	Leg Number
x	JOURNEY TYPE Return Journey: 'O' for Outbound Legs and 'R' for Return Legs No Return Journey: 'S' for Single Legs
x	Domestic/International Indicator



TUR - Rail Data Element	Definition
	Domestic 'D' International 'I' Not Known 'Blank'
/CL-xx	Class of Service
/DEP-	Departure City
/TD-	Time of Departure
/DTA-	Date of Arrival
/TA-	Time of Arrival
/ARR-	Arrival City
/CF-	Confirmation Number
/TI-	Ticket Image Y/N
/CX	CX identifier is appended to the TUR segment for 'VOID' (Provider Dependent) and/or 'REFUND/CANCELLED'

Not all data elements included in the TUR-Rail segment will be transmitted in the A31 Rail data section. The following data elements when included in the TUR-Rail will not be mapped to the new A31 Rail Data section of the Travelport+ MIR when the RAIL DATA MIR Option is set to 'Y'.

TUR-Rail Data Element	Definition
TUR	TUR Segment Identifier
ZZ	"Dummy" Vendor Code
BKnn	Status Code and Number in Party
ZZZ	"Dummy" IATA Departure City

The following data elements when included in the TUR-Rail segment's Associated Remarks will be mapped to the new A31 Rail Data section of the Travelport+ MIR when the RAIL DATA MIR Option is set to 'Y'.

Associated Remarks Data Element	Definition
-X**nn*Refund Amount*Refund Fee	Passenger Association with Refund Amount and Refund Fee
-X**RD*Date*Time	Refund Date and Time
-VT*	Train Number
-EQ*	Equipment Code
-CC*	Marketing Vendor Code (UIC Code)
-AN*	Marketing Vendor Name
-VC*	Operating Vendor Code (UIC Code)



Associated Remarks Data Element	Definition
-ON*	Operating Vendor Name
-WSnn*nn*nnnn	Accommodation (e.g. Passenger nn, Coach nn, Seat/Berth nnnn)
-ACT*	Current Action (e.g. TICKETED, VOID or REFUND/CANCELLED)
-FB*nn*nn*Fare Basis*Rate Description	Fare Basis with Passenger Association, Sequence Number, Fare Basis and Rate Description
-RTD*	Rate Description (No longer applicable as associated remark)
-CUR*	Currency Code
-FPA*	Final Payment Amount
-FPD*	Final Payment Date
-PAY*	Type of Payment (e.g. CC, DC, CA, AC)
-FOP*	Form of Payment
-FTnn*	Frequent Traveller Number for Passenger nn
-CC1*	Departure Point UIC Code
-CC2*	Arrival Point UIC Code
-PT*	Product Type (e.g. DV, IV, CV) (No longer applicable as associated remark)
-TTY*	Ticket Type (e.g. E-Ticket, Paper)
-DEL*	Delivery Method (e.g. KIOSK, MAIL)
-TKD*	Open Ticket (e.g. O)
-TKB*	Ticketing Branch ID (PCC)
-CO2*	Carbon Footprint
-TKnnnnnn*	Ticket Number (e.g. Passenger nn, Segment nn, Leg nn) (No longer applicable as associated remark)
TK*nn*nn*nnnnnnnnnnnnnn*xx*xxxxx* nnnnn.nn	Ticket Number (e.g. Passenger Association, Sequence Number, Ticket Number, Product Type, Traffic Type and Sales Amount

Not all data elements included in the TUR-Rail segment's Associated Remarks will be transmitted in the A31 Rail data section. The following data elements when included in the TUR-Rail segment's Associated Remarks will not be mapped to the new A31 Rail Data section of the Travelport+ MIR when the RAIL DATA MIR Option is set to 'Y'.



Associate Remarks Data Element	Definition
-CBN*	Cabin
-SPA*	Sales Amount (Will now be included in MIR)
-FDA*	Amount of Deposit
-DUE*	Amount Due if Deposit Taken
-FEE*	Penalty Fee for Cancel/Modify
-CNM*	Name on Credit Card
-CD*	Corporate ID
-P*	Discount Program Name
-SR*	Service Request
-STnn*	Stock Control Number for Ticket nn
-FF1*	Free Format Text
-FF2*	Free Format Text
-FF3*	Free Format Text
-FF4*	Free Format Text
-X**	Free Text Remarks

E. Unassociated Dues, Pairs and Text (Travelport+ only)

Level	Hex	Dec	Label	Bytes	Type	Description
Note: Travelport+: Where an RT. is not segment specific, the RP., RD. and RP. unassociated data appears here.						
1			A16SEC	3	B	Section label "A16"
1			A16DPI	3	A/S	Unassociated dues, pairs, and text identifier UZ:
1			A16DPP	2	N	Itinerary index number This is the numeric sequence from first to last of the passenger's air, auxiliary, LeisureShopper itinerary for Unassociated Dues, Pairs and Text.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A16DIN	1	A/S	Type of due/paid/text segment This is the indicator shown in the segment for H,C,T,A,S Unassociated Due Paid and Text segment
1			A16DTE	5	B	Segment date (Format: DDMMM)
1			A16DCR	3	B	Currency code for due/paid data
1			A16DPD	12	N	Due/Paid amount Travelport+ only.
1			A16DPA	1	A/S	Due or paid indicator Blank = Due Amount '-' = Paid Amount
1			A16DPF	60	B	Free form data Travelport+: freeform data input after the * character which follows RD. and RP. entries.
1			A16C07	1	S	Carriage return

<p>Note: Carriage Return "A16C07" is a floating carriage return that applies to the Unassociated Dues and Paid Item transmitted in each Auxiliary Segment. It directly follows the last Unassociated Dues and Paid Item field transmitted and may be omitted if no data exists for this segment.</p>						
1			A16C08	1	S	Carriage return This carriage return indicates the end of the Auxiliary Data Section and follows the last Auxiliary Segment in this record.

9 – SVC OPTIONAL SERVICES

Level	Hex	Dec	Label	Bytes	Type	Description
In Travelport Apollo System/Travelport+ the MIR Options table can be used to determine whether this section is sent, or not.						
1			A16SEC	3	B	Section label "A16"
1			A16TYP	1	B	Segment type code



Level	Hex	Dec	Label	Bytes	Type	Description
						"g" – SVC
1			A16NUM	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary.
1			A16BKI	1	A	Booking indicator A = Automated SVC Optional Service M = Non-Automated/Manual SVC Optional service Booking indicator identifies how the SVC segment was booked. "A" for automated segment or "M" for manual segment.
1			A16AIR	2	B	Airline code
1			A16STS	2	A	Action code Action Codes NN = Service Requested HS = EMD issued for confirmed service (only to be used following KD) XX = Service cancelled Reply/Advice Codes UN = Unable – special service not provided UC = Unable to confirm/unable to wait list KD = Service Confirmed subject to receipt of EMD issue or reissue KK = Confirmed no EMD required for service. NO = No Action taken plus free text HX = Have cancelled SD = Schedule change/rebooking; EMD already issued. Document number must be included in the SSR. Status Codes HK = Holding confirmed; no EMD required HD = Holding confirmed; EMD required HI = Holding confirmed; EMD issued (EMD can only be issued if the Ticket is issued). HN = Holding need EK = Manual SVC sell
1			A16REQ	2	N	Number of services requested
1			A16PLC	3	A	Location of service
1			A16DAT	5	B	Service date (Format: DDMMM)



Level	Hex	Dec	Label	Bytes	Type	Description
1			A16RFI	1	B	Reason for issuance code (RFIC) A = Air transportation (such as select seating, not carriage itself) B = Surface transportation/Non-air services C = Baggage D = Financial Impact E = Airport Services F = Merchandise G = In-flight services H = Reserved for future ATPCO use I = Reserved for future individual airline use Z = Reserved for future industry use 0-9 = Reserved for future industry use
1			A16RFC	3	B	Reason for issuance sub-code (RFISC)
1			A16FOR	30	B	Commercial name of service
1			A16PNN	2	N	Name number Number in party for the service.
1			A16NAM	55	B	Passenger name
1			A16EMD	15	B	EMD number including coupon number Only 1 SVC may be issued per EMD document. There will only be 1 EMD value coupon per EMD document and it will not have more than 1 coupon and will not be conjunctive.
1			A16CBA	3	A	Currency code for EMD base amount
1			A16BAM	12	N/S	EMD base amount
1			A16CEA	3	A	Currency code for EMD equivalent amount
1			A16EAM	12	N/S	EMD equivalent amount
1			A16CTX	3	A	Currency code for EMD total tax amount
1			A16TAM	8	N/S	EMD total tax amount
1			A16CTA	3	A	Currency code for EMD total amount
1			A16TLA	12	N/S	EMD total amount
1			A16C01	1	S	Carriage return

Carriage Return "A16C01" directly follows the last fixed data element in the SVC Optional Services item.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A16FXI	3	A/S	Free text data identifier FX:
1			A16FTX	90	B	Free text data
1			A16C02	1	S	Carriage return

<p>Carriage Return "A16C02" is a floating carriage return that applies to the Free Text Data element transmitted in each SVC Optional Services segment. It directly follows the last character of free text data transmitted and may be omitted if no Free Text Data exists for this segment.</p>						

1			A16C03	1	S	Carriage return This carriage return indicates the end of the SVC Optional Services Section and follows the last SVC Optional Services item in this section.

SVS Optional Services

Level	Hex	Dec	Label	Bytes	Type	Description
<p>In Travelport Apollo System/Travelport+ the MIR Options table can be used to determine whether this section is sent, or not.</p>						
1			A16SEC	3	B	Section label "A16"
1			A16TYP	1	B	Segment type code "g" – SVC
1			A16NUM	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary.
1			A16BKI	1	A	Booking indicator <ul style="list-style-type: none"> A = Automated SVC Optional Service M = Non-Automated/Manual SVC Optional Service Booking indicator identifies how the SVC segment was booked. "A" for automated segment or "M" for manual segment.
1			A16AIR	2	B	Airline code



Level	Hex	Dec	Label	Bytes	Type	Description
1			A16STS	2	A	Action codes <ul style="list-style-type: none">• NN = Service Requested• HS = EMD issued for confirmed service (only to be used following KD)• XX = Service cancelled Reply/Advice Codes <ul style="list-style-type: none">• UN = Unable – special service not provided• UC = Unable to confirm/unable to wait list• KD = Service Confirmed subject to receipt of EMD issue or reissue• KK = Confirmed no EMD required for service.• NO = No Action taken plus free text• HX = Have cancelled• SD = Schedule change/rebooking; EMD already issued. Document number must be included in the SSR. Status codes <ul style="list-style-type: none">• HK = Holding confirmed; no EMD required• HD = Holding confirmed; EMD required• HI = Holding confirmed; EMD issued (EMD can only be issued if the Ticket is issued).• HN = Holding need• EK = Manual SVC sell
1			A16REQ	2	N	Number of services requested
1			A16PLC	3	A	Location of service
1			A16DAT	5	B	Service date (DDMMM)
1			A16RFI	1	B	Reason for issuance code (RFIC) <ul style="list-style-type: none">• A = Air transportation (such as select seating, not carriage itself)• B = Surface transportation/Non-air services• C = Baggage• D = Financial Impact• E = Airport Services• F = Merchandise



Level	Hex	Dec	Label	Bytes	Type	Description
						<ul style="list-style-type: none"> G = In-flight services H = Reserved for future ATPCO use I = Reserved for future individual airline use Z = Reserved for future industry use 0-9 = Reserved for future industry use
1			A16RFC	3	B	Reason for issuance sub-code (RFISC)
1			A16FOR	30	B	Commercial name of service
1			A16PNN	2	N	Name number Number in party for the service.
1			A16NAM	55	B	Passenger name
1			A16EMD	15	B	EMD number, including coupon number Only 1 SVC may be issued per EMD document. There will only be 1 EMD value coupon per EMD document and it will not have more than 1 coupon and will not be conjunctive.
1			A16CBA	3	A	Currency code for EMD base amount
1			A16BAM	12	N/S	EMD base amount
1			A16CEA	3	A	Currency code for EMD equivalent amount
1			A16EAM	12	N/S	EMD equivalent amount
1			A16CTX	3	A	Currency code for EMD total tax amount
1			A16TAM	8	N/S	EMD total tax amount
1			A16CTA	3	A	Currency code for EMD total amount
1			A16TLA	12	N/S	EMD total amount
1			A16C01	1	S	Carriage return

Carriage Return "A16C01" directly follows the last fixed data element in the SVC Optional Services item.						
1			A16FXI	3	A/S	Free text data identifier "FX:"
1			A16FTX	90	B	Free text data
1			A16C02	1	S	Carriage return



Level	Hex	Dec	Label	Bytes	Type	Description
Carriage Return "A16C02" is a floating carriage return that applies to the Free Text Data element transmitted in each SVC Optional Services segment. It directly follows the last character of free text data transmitted and may be omitted if no Free Text Data exists for this segment.						

1			A16C03	1	S	Carriage return This carriage return indicates the end of the SVC Optional Services Section and follows the last SVC Optional Services item in this section.

A17 LeisureShopper Data

In Travelport Apollo System and GCS the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Level	Hex	Dec	Label	Bytes	Type	Description
Note: Not all vendors provide data for all fields. Also, some of these fields are cruise or tour specific, meaning that the data entered will only apply to cruises or tours, not both. The fields listed below are the maximum that may be populated by a vendor.						
1	00	00	A17SEC	3	B	Section label "A17"
1	03	03	A17SEG	2	N	Itinerary index number (LeisureShopper segment number) This is the numeric sequence (from first to last) of the passenger's air, auxiliary and LeisureShopper segment itinerary. In this case, it is the LeisureShopper segment.
1	05	05	A17CTI	1	A	Cruise/Tour indicator C = Cruise booking T = Tour booking
1	06	06	A17STT	2	A	Status HK = Holding Confirmed UC = Unconfirmed Segment
1	08	08	A17TSD	7	B	Travel start date (Format: DDMMYY) Pre-package start date.
1	0F	15	A17NUM	2	2	Number in party



Level	Hex	Dec	Label	Bytes	Type	Description
1	11	17	A17TVC	3	B	Cruise or tour vendor ID
1	14	20	A17PSE	1	A	Pre-stop Indicator A pre-stop identifies a stop prior to the main Cruise or Tour package. Y = Pre-Stop exists N = Pre-Stop does not exist
1	15	21	A17PST	1	A	Post-stop Indicator A post stop identifies a stop following the main Cruise or Tour package. Y = Post Stop exists N = Post Stop does not exist
1	16	22	A17PSD	7	B	Package start date (Format: DDMMYY) This also includes the Sailing Date for cruises.
1	1D	29	A17NTS	3	N	Number of nights This field indicates the number of nights included in the Tour or the length of a Cruise package.
1	20	32	A17PED	7	B	Package end date (Format: DDMMYY) This is the end date of the entire itinerary.
1	27	39	A17TGW	5	A	Tour gateway Passenger Departure City
1	2C	44	A17DEP	5	A	Departure city This is the city the tour departs from, or the embarkation port (ISO Port Code) for cruises.
1	31	49	A17RET	5	A	Return city This is the city the tour returns to, or the disembarkation port (ISO Port Code) for cruises.
1	36	54	A17CUR	3	B	Pricing category code This is used by the vendors to describe their packages. It can contain information such as ECO for Economy or DLX for Deluxe.
1	39	57	A17PKD	30	B	Package description (General Destination for cruises).
1	57	87	A17BKD	7	B	Booking date (Format: DDMMYY) This is the date that the cruise or tour was booked.
1	5E	94	A17C01	1	S	Carriage return



Level	Hex	Dec	Label	Bytes	Type	Description

Note: Carriage Return "A17C01" directly follows the last fixed data field in the LeisureShopper section of the MIR.						
Note: The following sections include data related to the main LeisureShopper booking. Not all of the following sections are present for each LeisureShopper segment. Several sections may be repeated to include all appropriate data.						
OPTIONAL DATA "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers, to locate desired information.						

Fare Information for Tours

Level	Hex	Dec	Label	Bytes	Type	Description
1			A17FTR	3	A/S	Tour fare identifier FT:
1			A17CCD	3	A	Currency code
1			A17BSP	12	N/S	Base price
1			A17OPP	12	N/S	Option price
1			A17TX1	8	N/S	Tax 1
1			A17TX2	8	N/S	Tax 2
1			A17TX3	8	N/S	Tax 3
1			A17TTL	12	N/S	Total amount
1			A17COM	8	N/S	Agency commission
1			A17CXL	12	N/S	Cancellation fee
1			A17DDD	7	B	Date deposit due (Format: DDMMYY)
1			A17DPD	12	N/S	Deposit amount



Level	Hex	Dec	Label	Bytes	Type	Description
1			A17DDR	7	B	Date deposit received (Format: DDMMYY)
1			A17DBD	7	B	Date balance due (Format: DDMMYY)
1			A17CFN	16	B	Confirmation number
1			A17SGL	2	N	Number of single rooms
1			A17DBL	2	N	Number of double rooms
1			A17TPL	2	N	Number of triple rooms
1			A17QDL	2	N	Number of quad rooms
1			A17OTH	2	N	Number of other rooms
1			A17VEN	30	A	Vendor name
1			A17C02	1	S	Carriage return

Note: Carriage Return "A17C02" is a floating carriage return that is related to the Fare Information for Tours Item. It directly follows the last field in this item. If no Fare Information for Tours exists, this carriage return is omitted.

Fare Information for Cruises

Level	Hex	Dec	Label	Bytes	Type	Description
1			A17FCN	3	A/S	Cruise fare identifier FC:
1			A17CCD	3	A	Currency code
1			A17RAT	8	B	Rate code
1			A17BSP	12	N/S	Base price
1			A17OPP	12	N/S	Options price
1			A17PCT	8	N/S	Tax 1 amount (or port charges)
1			A17DS1	8	N/S	Discount 1 amount
1			A17D2L	13	B	Discount 2 label
1			A17DS2	8	N/S	Discount 2 amount



Level	Hex	Dec	Label	Bytes	Type	Description
1			A17AIR	8	N/S	Air charges
1			A17WIC	8	N/S	Waiver / Insurance charges
1			A17PEN	8	N/S	Penalties
1			A17TTL	12	N/S	Total amount
1			A17COM	8	N/S	Agency commission
1			A17OCL	13	B	Other commission label
1			A17OCM	8	N/S	Other commission amount
1			A17FEL	13	B	Travel agent fee label
1			A17FEE	8	N/S	Travel agent fee amount
1			A17NET	12	N/S	Net fare This is the amount the agency owes the vendor.
1			A17DDD	7	B	Date deposit 1 due (Format: DDMMYY)
1			A17DPD	12	N/S	Deposit 1 amount

Transportation Item

Level	Hex	Dec	Label	Bytes	Type	Description
1			A17TRP	3	A/S	Transportation identifier TR:
1			A17SEG	2	N	LeisureShopper Segment number This is the numeric sequence (from first to last) of the passenger's air, auxiliary and LeisureShopper segment itinerary. In this case, it is the LeisureShopper segment associated to the Cruise or Tour booking.
1			A17ISD	7	B	Transportation start date (Format: DDMMYY).
1			A17QTY	3	N	Number of passengers
1			A17DCI	1	N	Date change indicator Indicates when the transportation will arrive at the destination city. 1 = Previous Day Arrival 2 = Same Day Arrival



Level	Hex	Dec	Label	Bytes	Type	Description
						3 = Next Day Arrival 4 = 2 Days Later Arrival
1			A17DPC	5	A	Departure city
1			A17ARC	5	A	Arrival city
1			A17TYP	1	A	Transportation type B = Bus C = Scheduled Charter Air D = Unscheduled Charter Air F = Ferry R = Rail S = Scheduled Air
1			A17ACC	3	B	Carrier code
1			A17TPN	5	B	Transportation number Flight/Train/Bus Numbers
1			A17CLS	2	B	Class of service
1			A17EQP	4	B	Equipment code
1			A17MEL	1	A	Meal code B = Breakfast D = Dinner F = Food available for purchase L = Lunch S = Snack
1			A17NOS			Number of stops
1			A17DPT	5	B	Departure time When 24 hour clock is used, time is left justified.
1			A17ART	5	B	Arrival time When 24 hour clock is used, time is left justified.
1			A17C04	1	S	Carriage return

Note: Carriage Return "A17C04" is a floating carriage return that is related to the Transportation Item. It directly follows the last field in this item. If no Transportation Items exist, this carriage return is omitted.						
1			A17APN	3	A/S	Associated passenger names items PN:



Level	Hex	Dec	Label	Bytes	Type	Description
1			A17PNI	20	A	First passenger associated with this transportation item
1			A17C05	1	S	Carriage return

Note: Carriage Return "A17C05" is a floating carriage return that is related to the Associated Passenger Names Item. It directly follows the last field in this item. If no Associated Passenger Name Items exist, this carriage return is omitted.

Note: The Associated Passenger Names Item is provided for CRUISE bookings ONLY, when multiple passengers are departing from the same city on different flights/dates. If all passengers are travelling together, this item is omitted.

This item may be repeated a maximum of five times.

Stops Item

Level	Hex	Dec	Label	Bytes	Type	Description
-------	-----	-----	-------	-------	------	-------------

Note: The Stops section only applies to tour bookings and is not received for cruise bookings.

1			A17LST	3	A/S	LeisureShopper Stop identifier ST:
1			A17SEG	2	N	LeisureShopper Segment number This is the numeric sequence (from first to last) of the passenger's air, auxiliary and LeisureShopper segment itinerary. In this case, it is the LeisureShopper segment associated to the Cruise or Tour booking.
1			A17SDT	7	B	Stop date (Format: DDMMYY)
1			A17LSN	2	N	LeisureShopper Stop number
1			A17DUR	2	N	Stop duration Number of days/nights.
1			A17NAM	15	B	Stop name
1			A17LSI	1	N	Stop indicator



Level	Hex	Dec	Label	Bytes	Type	Description
						S <ul style="list-style-type: none"> • 0 = Post Tour Stop Over • 1 = Post Tour Stop • 2 = Pre Tour Stop • 3 = Normal Tour Stop (Stop included as part of the Tour). 4 = Pre Stop Over
1			A17C06	1	S	Carriage return

Note: Carriage Return "A17C06" is a floating carriage return that is related to the Stops Item. It directly follows the last field in this item. If no Stops Items exist, this carriage return is omitted.

Ports of Call

Level	Hex	Dec	Label	Bytes	Type	Description
Note: The Ports of Call section only applies to cruise bookings and is not received for tour bookings. All ports are provided, including the ports of embarkation and disembarkation.						
1			A17PCI	3	A/S	Ports of call identifier PC:
1			A17SEG	2	N	LeisureShopper Segment number This is the numeric sequence (from first to last) of the passenger's air, auxiliary and LeisureShopper segment itinerary. In this case, it is the LeisureShopper segment associated to the Cruise or Tour booking.
1			A17PRT	20	A	Port name
1			A17PAD	7	B	Port arrival date (Format: DDMMYY)
1			A17PDD	7	B	Port departure date (Format: DDMMYY)
1			A17PAT	5	B	Port arrival time (The Port of Embarkation does not contain an Arrival Time). When 24 hour clock is used, time is left justified.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A17PST	5	B	Port sailing time (The Port of Disembarkation does not contain a Departure Time). When 24 hour clock is used, time is left justified.
1			A17C07	1	S	Carriage return

Note: Carriage Return "A17C07" is a floating carriage return that is related to the Ports of Call Item. It directly follows the last field in this item. If no Ports of Call Items exist, this carriage return is omitted.



Features and Options Item

Level	Hex	Dec	Label	Bytes	Type	Description
1			A17FOS	3	A/S	Features and options identifier FO:
1			A17SEG	2	N	LeisureShopper segment number This is the numeric sequence (from first to last) of the passenger's air, auxiliary and LeisureShopper segment itinerary. In this case, it is the LeisureShopper segment associated to the Cruise or Tour booking.
1			A17ISD	7	B	Item start date (Format: DDMMYY)
1			A17QTT	3	N	Number of travelers
1			A17DOD	7	B	Drop-off date (Format: DDMMYY)
1			A17ADD	12	N/S	Additional rate (Options Price)
1			A17PUL	30	B	Pick-up location
1			A17DOL	30	B	Drop-off location
1			A17PUT	5	B	Pick-up time When 24 hour clock is used, time is left justified.
1			A17DOT	5	B	Drop-off time When 24 hour clock is used, time is left justified.
1			A17FON	20	B	Features and options set name For Pre/Post Cruise packages accommodations information is contained here.
1			A17FOD	25	B	Features and options description For Pre/Post Cruise packages accommodations information is contained here.
1			A17C08	1	S	Carriage return

Note: Carriage Return "A17C08" is a floating carriage return that is related to the Features & Options Item. It directly follows the last field in this item. If no Features & Options Items exist, this carriage return is omitted.



Accommodations

Level	Hex	Dec	Label	Bytes	Type	Description
1			A17ACP	3	A/S	Accommodations identifier AC:
1			A17SEG	2	N	LeisureShopper segment number This is the numeric sequence (from first to last) of the passenger's air, auxiliary and LeisureShopper segment itinerary. In this case, it is the LeisureShopper segment associated to the Cruise or Tour booking.
1			A17ISD	7	B	Item start date (Format: DDMMYY)
1			A17ACN	20	B	Name of accommodations
1			A17AQT	3	N	Quantity of accommodations
1			A17NNN	3	N	Number of nights
1			A17C09	1	S	Carriage return

Note: Carriage Return "A17C09" is a floating carriage return that is related to the Accommodations Item. It directly follows the last field in this item. If no Accommodations Items exist, this carriage return is omitted.

Unit Description Item

Level	Hex	Dec	Label	Bytes	Type	Description
1			A17UDP	3	A/S	Unit description identifier UD:
1			A17SEG	2	N	LeisureShopper Segment number This is the numeric sequence (from first to last) of the passenger's air, auxiliary and LeisureShopper segment itinerary. In this case, it is the LeisureShopper segment associated to the Cruise or Tour booking.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A17ISD	7	B	Item start date (Format: DDMMYY)
1			A17UDS	15	B	Unit description
1			A17NUT	3	N	Number of units
1			A17UCP	1	A	Unit capacity S = Single D = Double T = Triple Q = Quadruple O = Other
1			A17UTY	10	B	Unit type
1			A17C10	1	S	Carriage return

Note: Carriage Return "A17C10" is a floating carriage return that is related to the Unit Description Item. It directly follows the last field in this item. If no Unit Description Items exist, this carriage return is omitted.						

Cabin Information

Level	Hex	Dec	Label	Bytes	Type	Description
Note: The Cabin Information section only applies to cruise bookings and is not received for tour bookings.						
1			A17CII	3	A/S	Cabin information identifier CI:
1			A17SEG	2	N	LeisureShopper segment number This is the numeric sequence (from first to last) of the passenger's air, auxiliary and LeisureShopper segment itinerary. In this case, it is the LeisureShopper segment associated to the Cruise or Tour booking.
1			A17CAT	3	B	Cabin category
1			A17CNM	5	B	Cabin number
1			A17IOS	1	A	Inside/Outside indicator I = Inside O = Outside



Level	Hex	Dec	Label	Bytes	Type	Description
1			A17CBP	12	B	Cabin position
1			A17DEK	15	B	Deck name
1			A17CFG	10	B	Cabin bed configuration
1			A17DNS	1	N	Dining seating indicator 1 = First Seating 2 = Second Seating 3 = Third Seating
1			A17DST	2	A	Dining status LL = Waitlist HK = Confirmed
1			A17DSM	1	A	Dining smoking indicator Y = Smoking N = Non-Smoking
1			A17DTS	2	N	Dining table size
1			A17TAG	12	A	Travel agent name
1			A17TVC	1	A	Traveling with another cabin indicator Y = Multiple cabin sales exist in separate PNR/Booking Files. N = Single cabin sale only.
1			A17BCR	10	B	IATA number for booking credit
1			A17LCC	16	B	Confirmation number for a consecutive cruise
1			A17C11	1	S	Carriage return

Note: Carriage Return "A17C11" is a floating carriage return that is related to the Cabin Information Item. It directly follows the last field in this item. If no Cabin Information Items exist, this carriage return is omitted.

1			A17PPI	3	A/S	Past passenger identifier PP:
1			A17PPN	10	B	Past passenger number
1			A17C12	1	S	Carriage return

Note: Carriage Return "A17C12" is a floating carriage return that is related to the Past Passenger Item. It directly follows the last field in this item. If no Past Passenger Items exist, this carriage return is omitted.



Level	Hex	Dec	Label	Bytes	Type	Description
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Note: This Past Passenger Number Item may be repeated a maximum of 5 times, once for each passenger booked in this cabin.

Payment Item

Level	Hex	Dec	Label	Bytes	Type	Description
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Note: This section contains information about payments made by the travel agency to the vendor.

1			A17FCP	3	A/S	Payment item identifier PS:
1			A17SEG	2	N	LeisureShopper Segment number This is the numeric sequence (from first to last) of the passenger's air, auxiliary and LeisureShopper segment itinerary. In this case, it is the LeisureShopper segment associated to the Cruise or Tour booking.
1			A17CCU	3	A	Currency code for payment
1			A17CCA	12	N/S	Amount of payment
1			A17CCT	2	A	Credit card type
1			A17CCN	16	N	Credit card number
1			A17CCE	7	B	Credit card expiration date (Format: DDMMYY)
1			A17CNP	27	A	Name of credit card owner
1			A17PID	7	B	Payment issuance date (Format: DDMMYY)
1			A17OFP	19	B	Original form of payment
1			A17OPT	22	B	Other payment type number
1			A17C13	1	S	Carriage return

Note: Carriage Return "A17C13" is a floating carriage return that is related to the Payment Item. It directly follows the last field in this item. If no Payment Items exist, this carriage return is omitted.



Passive Tur Segments Created for LeisureShopper Booking

Note: The following sections are transmitted only when passive "TUR" segments are created for a LeisureShopper booking. These segments can be created to hand off additional (freeform) information to an itinerary or MIR.

These segments are entered in the PNR/BOOKING FILE following the Tour/Cruise Segment they apply to, and the information is automatically associated to the previous LeisureShopper booking, when the vendor code is "LS".

Freeform Data Section

Level	Hex	Dec	Label	Bytes	Type	Description
1			A17FFN	66	I	Free form data section
2			A17FFI	3	A/S	Free form data identifier FF:
2			A17FIP	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air, auxiliary and LeisureShopper segment itinerary. In this case, it is the TUR segment associated to the LeisureShopper reservation that the Freeform Data is contained in.
2			A17FTI	1	S	[] or * Indicator This indicator identifies which format the agent used to enter the following data. [] = Data does not print on itinerary * = Data does print on itinerary.
2			A17FFD	60	B/S	Free form data
1			A17C14	1	S	Carriage return

Note: Carriage Return "A17C14" is a floating carriage return that applies to the Free form Data Item transmitted in each LeisureShopper Segment. It directly follows the last Free form Data field transmitted and may be omitted if no Free form Data exists for this segment.



Due/Paid Information Section

Level	Hex	Dec	Label	Bytes	Type	Description
Note: When Due/Paid Information is present in a Passive "TUR" Segment (versus: Freeform Information only), only the Due/Paid Section is entered, rather than providing both the Freeform and Due/Paid Sections.						
1			A17DPN	94	I	Due/Paid section
2			A17DPI	3	A/S	Due/Paid identifier DP:
2			A17DPP	2	N	Itinerary index number (segment number). This is the numeric sequence (from first to last) of the passenger's air, auxiliary and LeisureShopper segment itinerary. In this case, it is the TUR segment associated to the LeisureShopper reservation that the Due/Paid Data is contained in.
2			A17DTI	1	S	[] or * Indicator This indicator identifies which format the agent used to enter the following data. [] = Data does not print on itinerary * = Data does print on itinerary. GCS: blank filled.
2			A17DAD	12	B/S	Accounting data The data is picked up from the DUE/PAID segments of the itinerary using the format **DUE200.00/10SALE** where "/10SALE" is considered accounting data. The accounting data information does not print on the itinerary. (Travelport Apollo System only). Individual Back Office Systems design their own use of this field.
2			A17DCR	3	A	Currency code for due/paid data
2			A17DPD	12	N/S	Due/Paid amount
2			A17DPA	1	S	Due or paid indicator Indicates whether the amount entered is a Due or Paid amount. Space = Due Amount "- " = Paid Amount
2			A17DPF	60	B/S	Free form data
1			A17C15	1	S	Carriage return



Level	Hex	Dec	Label	Bytes	Type	Description
Note: Carriage Return "A17C15" is a floating carriage return that applies to the Due/Paid Item transmitted in each LeisureShopper segment. It directly follows the last Due/Paid field transmitted and may be omitted if no Due/Paid Data exists for this segment.						
1			A17C16	1	S	Carriage return - This carriage return indicates the end of the LeisureShopper Section and follows the last LeisureShopper item in this record.



A19 Miscellaneous Document Information

In GCS the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Level	Hex	Dec	Label	Bytes	Type	Description
Note: This section is completed based on data input by users when the entries referred to in A19MPD are used. Many of the fields are free text and will reflect any errors made by the user on input. Fare and tax values are shown in the same sections as ticket fare/taxes. Also note that T50IN6 will be 7 reflecting the fact that these documents are issued on ATB stock and that T50IN12 will be H. As well as MCO data this section may also contain data from a TASF document.						
1	00	00	A19SEC	3	A/S	Section label "A19"
1	03	03	A19MPD	3	B	MD TYPE Reflects the entry made by the user. Travelport Apollo System HHMCO = MCO HHSF\$ = SF Travelport+ (GAL) SFP = SF
1	06	06	A19MTO	40	B	Payable to
1			A19MAT	15	B	Payable at
1			A19C01	1	S	Carriage return
1			A19MSI	3	B	Service type ID ST:
1			A19MST	52	B	Service type data
1			A19C02	1	S	Carriage return
1			A19MEI	3	B	Endorsement box ID EB:
1			A19MEB	54	B	Endorsement box data
1			A19CO3	1	S	Carriage return
1			A19M11	3	B	Remark ID R1:
1			A19MR1	46	B	Remark 1 data
1			A19C04	1	S	Carriage return
1			A19M2I	3	B	Remark ID R2:



Level	Hex	Dec	Label	Bytes	Type	Description
1			A19MR2	54	B	Remark data
1			A19C05	1	S	Carriage return
1			A19M3I	3	B	Remark 3 ID R3:
1			A19MR3	106	B	Remark 3 data
1			A19CO6	1	S	Carriage return
1			A19MTI	3	B	Related ticket number ID TN:
1			A19MTN	13	B	Related ticket number
1			A19MBI	3	B	BSP ID ER:
1			A19MBS	13	B	BSR data
1			A19MRI	3	B	ID RI:
1			A19MRE	1	B	Reason for issuance code As input by the user in accordance with IATA resolution 722c – Attachment 'C' Reference 1E and airline instructions. At time of writing (October 2006) list is: <ul style="list-style-type: none">• A = Air transportation• B = Surface transportation• C = Bag shipped as cargo• D = Land arrangements for incl. tour• E = Car hire• F = Sleeper/berth• G = Up-grading• H = Under collections• I = Taxes/fees/chargers• J = Deposits/down payments• K = Refundable balances, agents• L = Hotel accommodations• M = Sundry charges• N = Cancellation fee



Level	Hex	Dec	Label	Bytes	Type	Description
						<ul style="list-style-type: none"> • O = Other • P = Rebooking Fee Domestic • Q = Rebooking Fee Interntl. • R = Lost Ticket Fee • S = Unaccompanied Minor Fee Dom. • T = Unaccompanied Minor Fee Intl. • U = Excess Baggage • V to Z = For individual airline use • 1 = Prepaid Ticket Advice/Ticket on Departure • 2 thru 9 = Reserved for future industry use • 0 (zero) is not used.
1			A19C07	1	S	Carriage return

1			A19C08	1	S	Carriage return This carriage return indicates the end of the MD Section.

A20 SSR/OSI Data

In Travelport+ the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Level	Hex	Dec	Label	Bytes	Type	Description
Note: This section has limited applicability. Not all SSRs and OSIs are sent. In some cases (e.g. SSR CKIN) the functionality is related to a specific market or fare type (in this case Residents Fares in Spain).						
1			A20SEC	3	B	Section label "A20"
1			A20SEG	2	N	Segment number An SSR ASVC must be segment related.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A20PAX	2	N	<p>Passenger number</p> <p>Each SSR ASVC must be associated to a single passenger in the PNR/BF.</p>
1			A20IND	3	A	<p>SSR or OSI indicator</p> <p>At this time can only be SSR.</p>
1			A20CDE	4	A	<p>SSR type</p> <ul style="list-style-type: none"> • CKIN = Check in data • FOID = Form of identification • FQTV = Frequent Flyer Number – Most frequent flyer account numbers will be found in the A03 section. • ASVC = Optional Services <p>Other codes may be added without prior warning.</p>
1			A20STS	2	A	<p>Status</p> <ul style="list-style-type: none"> • HK = Confirmed • NS = Pending <p>Other codes may be added without prior warning.</p> <p>Action Codes (SSR ASVC)</p> <ul style="list-style-type: none"> • NN = Service Requested • HS = EMD issued for confirmed service (only to be used following KD) • XX = Service cancelled <p>Reply/Advice Codes (SSR ASVC)</p> <ul style="list-style-type: none"> • UN = Unable - special service not provided • UC = Unable to confirm/unable to wait list • KD = Service Confirmed subject to receipt of EMD issue or reissue • KK = Confirmed no EMD required for service. • NO = No Action taken plus free text • HX = Have cancelled • SD = Schedule change/rebooking; EMD already issued. Document



Level	Hex	Dec	Label	Bytes	Type	Description
						<p>number must be included in the SSR.</p> <p>Status Codes (SSR ASVC)</p> <ul style="list-style-type: none"> • HK = Holding confirmed; no EMD required • HD = Holding confirmed; EMD required • HI = Holding confirmed; EMD issued (EMD can only be issued if the Ticket is issued). • HN = Holding need
1			A20REQ	2	N	Number of services requested
1			A20AIR	2	B	Airline code
1			A20OCC	3	A	Origin city code
1			A20DCC	3	A	Destination city code
1			A20FLT	4	N	Flight number
1			A20DAT	5	B	Departure date (Format: DDMMM)
1			A20NAM	A	55	Passenger name
1			A20C01	1	S	Carriage return

Note: Carriage Return "A20C01" directly follows the Passenger Name data element for this SSR ASVC segment.						
1			A20TXI	3	A/S	Free text indicator FT:
1			A20TXT	180	B	Free text
1			A20C02	1	S	Carriage return

Note: Carriage Return "A20C02" is a floating carriage return related to the Free Text data element transmitted in each SSR ASVC segment. This carriage return follows the last character in the Free Text data element for this SSR ASVC segment.						
1			A20C03	1	S	Carriage return This carriage return indicates the end of the SSR/OSI Data Section and follows the last SSR/OSI item in this section.



Level	Hex	Dec	Label	Bytes	Type	Description

Example of A20 MIR section with an automated optional services (ASVC) segment.

```
A200401SSRASVCKD01NZLAXAKL000128APRGALILEO/PASSENGERM
FT:**C/0CD/ASVC/2NDCHECKED BAG
A200401SSRASVCPN01NZLAXAKL000128APRGALILEO/PASSENGERM
FT:**C/0CD/ASVC/2ND CHECKED BAG
```

Example of a MIR containing A20 data. Adult with an infant, note that the infant detail is included in the CKIN item for the adult:

```
T51G773392012140087603DEC041655 IB075IBERIA AIRLINES OF SPAIN29JUN05C5BC5AC7CD23
DU7 DU799999992 QHZ4TK N0216N16AG03DEC0400003DEC04002
EUR000000208002EUR00000000 00000000 00000000 00000000 00000000 000000000300
NNNNN7NNYAYH1NNN ES
000000002000001000000002000001001000001000000000
```

```
A02MEJIA/MIREYA 338503016004990024294401000000886AD 01 N
SC:0302340884624
A02INFNAT/INF 338503017034990024294501000000886IN 02 N
SC:0302340884627
```

```
A0401IB075IBERIA AIRLI 760Y HK29JUN0900 1015 2MADMADRID PMIPALMA MALLORCDNG 0020KM88 T2 F
TK:YJT:01.15
```

```
A0701EUR 189.00EUR 194.28 EURT1: 1.33QVT2: 3.95RS
A0702EUR 19.00EUR 24.28 EURT1: 1.33QVT2: 3.95RS
```

```
A080101YD 00000000
A080201YD 00000000
```

```
A09011MAD IB PMI 189.00YD EUR189.00END
A09021MAD IB PMI 19.00YD EUR19.00END
```

```
A11S 218.56N
```

```
A12BCNT *93 2388081 GALILEO MIREYA/TEST
```

```
A14VL-165303DECMUCRM1AYIK39W
```

```
A200101SSRCKINNS
FT:RESIDENT BPDN/50893392G/070027/SF12.00 INBPMR/50893392G/070027/5848484/SF12.00
```



A21 Net Remit

In GCS the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Note: This section is in GCS but not as yet used in Travelport Apollo System. This information is not passenger selectable. One filed fare may have multiple passengers. The data is input with the net remit modifiers.

Back Office systems are strongly recommended to ensure they understand the difference between the different methods of entering net fares. These vary by market and details can be obtained from local BSP Managers. Some markets support more than one method. Not all methods require use of the A21 section. The use of "Tour Codes" in particular can create significant issues because, as noted below (see A21NAI and A21NVC), not all data printed in the tour code box is actually a tour code.

Level	Hex	Dec	Label	Bytes	Type	Description
	00	00	A21SEC	3	B	Net remit section label 'A21'
1	03	03	A21NFC	3	A	Net fare/net remit currency code
1	06	06	A21NRT	12	N	Net fare/net remit amount Contains the value input by an agent, excluding taxes, which an airline will receive. Input NF followed by currency code then amount.
1	12	18	A21NAI	20	B	Commercial agreement reference (CAR) Contains a reference for the agreement between specific airlines and agents input with AI- modifier on TKP and/or TMU entries. Printed in the Tour Code box of ticket.
1	26	38	A21NVC	20	B	Value code Contains code for type of supplementary commission or amount input with VC- modifier. Printed in the Tour Code box of the ticket.
1	3A	58	A21ITC	12	N	Actual selling fare Contains the value input with ASF followed by the actual amount when reported to BSP and with IF when followed by the actual amount for invoicing purposes and not reported to BSP. These are mutually exclusive.
1	46	70	A21NFR	3	B	Net fare region code Contains net fare region code input with *NN after NF entry.

1	49	73	A21C01		S	Carriage return

1			A21C02	1	S	Carriage return - Carriage return indicates the end of the Net Remit Section.



A22 Seat Data Section - Travelport+

In Travelport+ the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Note: This section is not available in Travelport Apollo System

Note: The data repeats for each passenger beginning with passenger 1, then 2 etc.

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A22SEC	3	B	Section label "A22"
1	03	03	A22SEG	2	N	Itinerary index number (Segment Number). This is the numeric sequence (from first to last) of the passenger's air and auxiliary segment itinerary. The sequence relates the seat assignment to the Air Segment and is not consecutive in the Seat Data Section if auxiliary segments exist in the PNR/Booking File.
1	05	05	A22PAS	2	N	Passenger number
1	07	07	A22STT	1	B	Boarding pass status code Blank filled
1	08	08	A22SEN	6	B	Seat number nnnn = seat number confirmed, followed by status: KK = confirmed PN = pending NO = not agreed by vendor. For change of gauge flights the first segment seat number only occurs.
1	0C	12	A22SCHX	20	A	Seat characteristics The indicators are positional and default to N. Y = characteristic exists For all - N = None/Not Applicable 1st chr.Y = Aisle (A) 2nd chr.Y = Bulkhead (B) 3rd chr.Y = Cradle (C) 4th chr.Y = Upper Deck (D) 5th chr.Y = Exit (E)



Level	Hex	Dec	Label	Bytes	Type	Description
						6th chr.Y = No film view (F) 7th chr.Y = Non-smoking window (G) 8th chr.Y = Infant not allowed (I) 9th chr.Y = Child not allowed (J) 10th chr.Y = Kennel position (K) 11th chr.Y = Extra leg space (L) 12th chr.Y = Non-smoking (N) 13th chr.Y = Overwing (O) 14th chr.Y = Smoking (S) 15th chr.Y = Window (W) 16th chr.Spare 17th chr.Spare 18th chr.Spare 19th chr.Spare 20th chr.Spare
Note: The Seat Number and Smoking Indicator is repeated for each passenger until there are no more passengers. If Seat Map functionality is used and no request for seat on reservation, this field will be blank filled.						
1			A22C01	1	S	Carriage return

1			A22C02	1	S	Carriage return This carriage return indicates the end of the last Seat Data Section and follows the last seat item .

A23 Refund Section

In Travelport Apollo System and Travelport+ the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Note: This section is only available in Travelport Apollo System to Automated Refund and Exchange (ARNE) Subscribers.

The Refund Section contains data specific to the refund transaction. Other data relating to the transaction being refunded can appear in other sections of the MIR. In Travelport+, the following fields which occur in the input screen do not appear in A23 but do appear in other sections of the MIR are: STP IATA, AIRLINE code, DOM/INT, TOUR code, NET, NET FARE AMOUNT and DATE OF REFUND.

The section description details the names of the fields in the Automated Refund FIF screen in capitals.



Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A23SEC	3	B	Section label "A23"
1	03	03	A23TKT	14	N	Refund ticket number Contains the ticket number as input in the Refund screen. The first 3 characters are the carrier code followed by the ticket number and check digit. Where there is no check digit, the last character will be blank filled. Input in document number.
1	11	17	A23CON	1	S	Constant "-"
1	12	18	A23RTK	14	N	Refund ticket number range Contains the refund ticket number from the Refund screen. The first 3 characters are the carrier code followed by the ticket number and check digit. Where there is no check digit, the last character will be blank filled. Input in THRU DOCUMENT, always appears.
1	20	32	A23DOI	7	B	Issue date of refunded document Contains the Issue Date of the document to be refunded in DDMMYY format. Input in ISSUE DATE OF REFUNDED DOCUMENT.
1	27	39	A23INV	9	B	Itinerary/Invoice number Contains the itinerary/invoice number if available, otherwise blank filled. System retrieved if available.
1	30	48	A23NME	33	A	Passenger name Contains the Passenger Name up to 33 leading characters, blank filled where less than 33 characters. Where more than 33 characters is truncated. Input in PASSENGER NAME
	58	88	A23CDI	1	A	CRS Derived indicator Contains indicator for source of refund information. C = all data retrieved from CRS when an electronic ticket



Level	Hex	Dec	Label	Bytes	Type	Description
						B = non-ticketing transaction types e.g. EMD U = user input only, no data retrieved from CRS.
1	52	82	A23C01	1	S	Carriage return

Note: Carriage return "A23C01" directly follows the last fixed data field in the Refund section of the MIR. The following fields are only sent if data exists for them. If no data exists, then A23CO2 is the end of section indicator.						
1	55	85	A23CTI	3	A/S	Coupon identifier TI:
1	72	114	A23CPN	29	N/S	Coupons being refunded Contains coupon information, with booklets separated by "/". This is variable length. Where data appears as "N" on screen, is blank in MIR. Input in UNUSED COUPONS FOR DOC 1 to DOC 6.
1	73	115	A23C02	1	S	Carriage return

Note: **OPTIONAL DATA** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers, to locate desired information.						
Note: The ORIGINAL DOCUMENT information related to Travelport+ only where the original ticket has been exchanged and it is the exchanged ticket which is being refunded.						
1			A23ODI	3	A/S	Original document ID code OD:
1			A23OID	14	N	Original issue document number Contains the ticket number originally issued. Input in ORIGINAL ISSUE.
1			A23OPI	4	A	Original place of issue Contains the place of issue on the ticket. Input in PLACE OF ISSUE
1			A23OIC	7	B	Original date of issue Contains the date printed on the ticket. Input in DATE ISSUED
1			A23OAN	9	B	Original IATA number



Level	Hex	Dec	Label	Bytes	Type	Description
						Contains the IATA number printed on the ticket. Input in IATA.
1			A23C03	1	S	Carriage return

Note: Carriage Return “A23C03” is a floating carriage return related to the Original Document Data section. This carriage return is located after the last field in this item.

1			A23BFI	3	A/S	Base fare or equivalent ID code BF:
1			A23CRB	3	A	Currency code for fare basis or equivalent fare and taxes Contains the currency code of the amount collected previously.
1			A23TBF	8	N/S	Base fare amount of original issue Contains the Base Fare Amount of Original Issue if available, otherwise zero filled.

Note: Tax Amounts represent the tax amounts being refunded. Refund Taxes are the taxes of the refund only in the currency code of the base or equivalent amount in A23 CRB. Only the taxes being refunded are sent in the MIR. Each tax is preceded by a tax identifier: T1:, T2:; and T3:.

In Travelport+, the third tax will usually be blank. When data is input into the tax fields of the Automated Refund screen, there is no validation on the ordering of the data. Therefore it cannot be assumed that Tax 1 is tax 1 and so on. Up to 8 tax fields exist in the Automated Refund screen. Tax fields 9 and 10 are blank in Travelport+. Where only 3 taxes are input, the Tax 1, 2 and 3 will be filled and the individual taxes not sent.

1			A23TI1	3	B/S	Tax 1 ID T1:
1			A23TT1	8	N/S	Tax 1 Contains Tax 1 amount. Input in Tax 1
1			A23TC1	2	B	Tax 1 tax code
1			A23TI2	3	B/S	Tax 2 ID T2:
1			A23TT2	8	N/S	Tax 2 Contains Tax 2 amount. Input in Tax 2
1			A23TC2	2	B	Tax 2 tax code



Level	Hex	Dec	Label	Bytes	Type	Description
1			A23TI3	3	B/S	Tax 3 ID T3:
1			A23TT3	8	N/S	Tax 3 Contains Tax 3 amount. Input in Tax 3, when only 3 taxes. Otherwise blank filled.
1			A23TC3	2	B	Tax 3 tax code
1			A23C04	1	S	Carriage return

<p>Note: Carriage Return "A23C04" is a floating carriage return related to the Base Fare and Taxes Data of the Refund Data section. This carriage return is located after the last field in this item.</p>						

1	1		A23XFI	3	A/S	PFC Tax ID "XF"
1	1		A23XFT	32	B/S	PFC Tax Amounts
<p>Note: Carriage Return "A23C05" is a floating carriage return related to the PFC Taxes of the Refund Data section. This carriage return is located after the last field in this item.</p>						
1			A23ITT	3	A/S	Individual tax ID IT:
1			A23IT1	8	N/S	Tax 1 Contains the first of the individual taxes. Input in Tax 3.
1			A23IT1C	2	A	Tax 1 code
1			A23IT2	8	N/S	Tax 2 Contains the 4th individual tax. Input in Tax 4.
1			A23IT2C	2	A	Tax 2 code
1			A23IT3	8	N/S	Tax 3 Contain the 5th individual tax. Input in Tax 5.
1			A23IT3C	2	A	Tax 3 code
1			A23IT4	8	N/S	Tax 4 Contains the 6th individual tax. Input in Tax 6.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A23IT4C	2	A	Tax 4 code
1			A23IT5	8	N/S	Tax 5 Contains the 7th individual tax. Input in Tax 7.
1			A23IT5C	2	A	Tax 5 code
1			A23IT6	8	N/S	Tax 6 Contains the 8th individual tax. Input in Tax 8.
1			A23IT6C	2	A	Tax 6 code
1			A23IT7	8	N/S	Tax 7 Travelport+: blank filled.
1			A23IT7C	2	A	Tax 7 code Travelport+: blank filled.
1			A23IT8	8	N/S	Tax 8 Travelport+: blank filled.
1			A23IT8C	2	A	Tax 8 code Travelport+: blank filled.
1			A23C06	1	S	Carriage return

<p>Note: Carriage Return “A23C06” is a floating carriage return related to the Individual Taxes of the Refund Data section. This carriage return is located after the last field in this item.</p>						
1			A23ARI	3	A/S	Authority ID AU:
1			A23ARA	30	A/N	Airline refund authority (SAC) Contains the airline authority reference.
1			A23C07	1	S	Carriage return

<p>Note: Carriage Return “A23C07” is a floating carriage return related to the Airline Authority for the Refund. This carriage return is located after the last field in this item.</p>						
1			A23CRI	3	A/S	Commission return ID CR:
1			A23CRR	5	N	Commission rate



Level	Hex	Dec	Label	Bytes	Type	Description
						Contains the commission rate, zero filled if Commission Amount Returned field is filled. Input in ORIGINAL COMM RATE as nn.nn, output as 00.00.
1			A23CRA	8	N	Commission amount returned Contains the commission amount returned. This is zero filled for future use.
1			A23C08	1	S	Carriage return

Note: Carriage Return "A23C08" is a floating carriage return related to the Commission Amount and Rate. This carriage return is located after the last field in this item.						
1			A23PFI	3	A/S	Penalty fee ID PF:
1			A23PFA	8	B/S	Penalty fee amount The penalty fee or cancellation charge is the airline charge. Input in CANCELLATION CHARGE
1			A23PCI	3	A/S	Penalty fee commission ID PC:
1			A23CPC	5	N	Commission percent on Penalty fee Contains the Commission percentage on penalty fee, format nn.nn, zero filled. Input in COMMISSION PERCENT
Note: Refund Amounts are in the same currency code of the base or equivalent amount in A23 CRB.						
1			A23PCA	8	N	Commission amount on Penalty fee Contains the Commission Amount on Penalty Fee. Input in /AMOUNT ON CANCELLATION CHARGE
1			A23C09	1	S	Carriage return

Note: Carriage Return "A23C08" is a floating carriage return related to the Commission on Penalty Fee. This carriage return is located after the last field in this item.						
1			A23RAI	3	A/S	Refund amount ID



Level	Hex	Dec	Label	Bytes	Type	Description
						RA:
1			A23CAU	8	N	Amount of cash fare used Contains the cash amount used, zero filled. Input in CASH AMOUNT USED
1			A23CFR	8	N	Amount of cash fare refundable Contains the total cash refund due, zero filled. Input in TOTAL CASH REFUND DUE
1			A23CSAU	8	N	Amount of credit fare used Contains the amount of credit fare used, zero filled. Input in CREDIT AMOUNT USED
1			A23SFR	8	N	Amount of credit fare refundable Contains the total credit refund due, zero filled. Input in TOTAL CREDIT REFUND DUE.
1			A23RAC	3	A	Currency code of refund amount Contains the Current Code of the Refund Amount, blank filled. Input in CURRENCY
1			A23RAA	8	N/S	Total refund amount including taxes Contains the total refund amount including the taxes, blank filled. This is system generated.
1			A23CO10	1	S	Carriage return

Note: Carriage Return "A23C010" is a floating carriage return related to the Refund Amount. This carriage return is located after the last field in this item.						
1			A23FI1	4	B/S	Refund FOP ID 1 FP1:
			A23CC1	2	A	Credit card code Contains the credit card code, blank filled. Input in Credit card code
1			A23FP1	28	B	Credit card number



Level	Hex	Dec	Label	Bytes	Type	Description
						Contains the credit card code, blank filled. Input in CARD NUMBER
1			A23FE1	4	N	Expiry date Contains the expiry date, blank filled. Input in EXPIRY DATE
1			A23BL1	1	A	Blank
1			A23FA1	8	N	Refund amount Contains the refund amount, zero filled. Input in REFUND AMOUNT.
1			A23C011	1	S	Carriage return

Note: Carriage Return “A23C011” is a floating carriage return related to the first refund form of payment. This carriage return is located after the last field in this item.

1			A23FI2	4	B/S	Refund FOP ID 2 FP2:
			A23CC2	2	A	Credit card code Contains the credit card code, blank filled. Input in CREDIT FOP code
1			A23FP2	28	B	Credit card number Contains the credit card code, blank filled. Input in NUMBER
1			A23FE2	4	N	Expiry date Contains the expiry date, blank filled. Input in EXPIRY DATE
1			A23BL2	1	A	Blank
1			A23FA2	8	N/S	Refund amount Contains the refund amount, zero filled. Input in REFUND AMOUNT
1			A23C012	1	S	Carriage return

Note: Carriage Return “A23C012” is a floating carriage return related to the second refund form of payment. This carriage return is located after the last field in this item.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A23FI2	4	B/S	Refund ID 3 FP3:
			A23CC3	2	A	Credit card code Contains the credit card code, blank filled. Input in Credit card code (third screen)
1			A23FP3	28	B	Credit card number Contains the credit card code, blank filled. Input in CARD NUMBER (third screen).
1			A23FE3	4	N	Expiry date Contains the expiry date, blank filled. Input in EXPIRY DATE (third screen).
1			A23BL3	1	A	Blank
1			A23FA3	8	N/S	Refund amount Contains the refund amount, zero filled. Input in REFUND AMOUNT.
1			A23CO13	1	S	Carriage return

Note: Carriage Return "A23C013" is a floating carriage return related to the third refund form of payment. This carriage return is located after the last field in this item.

1			A23MFI	3	A/S	Miscellaneous fee ID MF: Travelport+ only.
1			A23MFA	8	B/S	Miscellaneous fee amount Fee deducted from total refund amount due the passenger. Input in MISC FEE
1			A23C014	1	S	Carriage return

Note: Carriage Return "A23C014" is a floating carriage return related to the Optional Data Fields for Miscellaneous Fee. The fields are only sent if data exists for them. This carriage return is located after the last field in this item.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A23BFIL	4	A/S	Base fare or equivalent fare ID code -large cur BFL:
1			A23CRBL	3	A	Currency code for fare basis or equivalent fare and taxes Contains the currency code of the amount collected previously.

Note: Tax Amounts represent the tax amounts being refunded. Refund Taxes are the taxes of the refund only in the currency code of the base or equivalent amount in A23 CRB. Only the taxes being refunded are sent in the MIR. Each tax is preceded by a tax identifier: T1:, T2: and T3:. In Travelport+, the third tax will usually be blank. When data is input into the tax fields of the Automated Refund screen, there is no validation on the ordering of the data. Therefore it cannot be assumed that Tax 1 is tax 1 and so on. Up to 8 tax fields exist in the Automated Refund screen. Tax fields 9 and 10 are blank in Travelport+. Where only 3 taxes are input, the Tax 1, 2 and 3 will be filled and the individual taxes not sent.

1			A23TBFL	12	N/S	Base fare amount of original issue Contains the Base Fare Amount of Original Issue if available, otherwise zero filled.
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Note: Tax Amounts represent the tax amounts being refunded. Refund Taxes are the taxes of the refund only in the currency code of the base or equivalent amount in A23 CRB. Only the taxes being refunded are sent in the MIR. Each tax is preceded by a tax identifier: T1:, T2:, and T3:. In Travelport+, the third tax will usually be blank. When data is input into the tax fields of the Automated Refund screen, there is no validation on the ordering of the data. Therefore it cannot be assumed that Tax 1 is tax 1 and so on. Up to 8 tax fields exist in the Automated Refund screen. Tax fields 9 and 10 are blank in Travelport+. Where only 3 taxes are input, the Tax 1, 2 and 3 will be filled and the individual taxes not sent.

1			A23TI1L	4	B/S	Tax 1 ID – large cur T1L:
1			A23TT1L	8	N/S	Tax 1 contains Tax 1 amount. Input in Tax 1
1			A23TC1L	2	A	Tax 1 tax code
1			A23TI2L	4	B/S	Tax 2 ID – large cur T2L:



Level	Hex	Dec	Label	Bytes	Type	Description
1			A23TT2L	8	N/S	Tax 2 contains tax 2 amount. Input in tax 2.
1			A23TC2L	2	A	Tax 2 tax code
1			A23TI3L	4	B/S	Tax 3 ID – large cur T3L:
1			A23TT3L	8	N/S	Tax 3 contains tax 3 amount. Input in Tax 3, when only 3 taxes. Otherwise blank filled.
1			A23TC3L	2	A	Tax 3 tax code
1			A23WCI	3	A/S	Refund waiver code identifier WC: Travelport Apollo System Japan only.
1			A23WCD	14	B	Refund waiver code Travelport Apollo System Japan only.
1			A23C015	1	S	Carriage return
Note: Carriage Return “A23C015” is a floating carriage return related to the Base Fare and Taxes Data of the Refund Data section. This carriage return is located after the last field in this item						
1			A23RAIL	4	A/S	Refund amount ID – large cur RAL:
1			A23CAUL	12	N	Amount of cash fare used Contains the cash amount used, zero filled. Input in CASH AMOUNT USED
1			A23CFRL	12		Amount of cash fare refundable Contains the total cash refund due, zero filled. Input in TOTAL CASH REFUND DUE



Level	Hex	Dec	Label	Bytes	Type	Description
1			A23CSAUL	12		Amount of credit fare used Contains the amount of credit fare used, zero filled. Input in CREDIT AMOUNT USED 1 A23SFRL 12 N AMOUNT OF CREDIT FARE REFUNDABLE
1			A23SFRL	12		Amount of credit fare refundable Contains the total credit refund due, zero filled. Input in TOTAL CREDIT REFUND DUE.
1			A23RACL	3		Currency code of refund amount Contains the Current Code of the Refund Amount, blank filled. Input in CURRENCY
1			A23RAAL	12		Total refund amount including taxes Contains the total refund amount including the taxes, blank filled. This is system generated.
1			A23C016	1		Carriage return
Note: Carriage Return "A23C016" is a floating carriage return related to the Refund Amount. This carriage return is located after the last field in this item.						
1			A23FI1L	5	B/S	Refund FOP ID 1 – large cur FP1L:
			A23CC1L	2	A	Credit card code Contains the credit card code, blank filled. Input in Credit card code
1			A23FP1L	28	B	Credit card number



Level	Hex	Dec	Label	Bytes	Type	Description
						Contains the credit card code, blank filled. Input in CARD NUMBER
1			A23FE1L	4	N	Expiry date Contains the expiry date, blank filled. Input in EXPIRY DATE
1			A23BL1L	1	A	Blank
1			A23FA1L	12	N	Refund amount Contains the refund amount, zero filled. Input in REFUND AMOUNT.
1			A23C017	1	S	Carriage return
Note: Carriage Return "A23C017" is a floating carriage return related to the first refund form of payment. This carriage return is located after the last field in this item.						
1			A23FI2L	5	B/S	Refund FOP ID 2 – large cur FP2L:
			A23CC2L	2	A	Credit card code Contains the credit card code, blank filled. Input in CREDIT FOP code
1			A23FP2L	28	B	Credit card number Contains the credit card code, blank filled. Input in NUMBER
1			A23FE2L	4	N	Expiry date Contains the expiry date, blank filled. Input in EXPIRY DATE
1			A23BL2L	1	A	Blank
1			A23FA2L	12	N/S	Refund amount Contains the refund amount, zero filled.



Level	Hex	Dec	Label	Bytes	Type	Description
						Input in REFUND AMOUNT
1			A23C018	1	S	Carriage return
Note: Carriage Return “A23C018” is a floating carriage return related to the second refund form of payment. This carriage return is located after the last field in this item.						
1			A23FI3L	5	B/S	Refund FOP ID 3 – large cur FP3L:
			A23CC3L	2	A	Credit card code Contains the credit card code, blank filled. Input in Credit card code (third screen)
1			A23FP3L	28	B	Credit card number Contains the credit card code, blank filled. Input in CARD NUMBER (third screen).
1			A23FE3L	4	N	Expiry date Contains the expiry date, blank filled. Input in EXPIRY DATE (third screen).
1			A23BL3L	1	A	Blank
1			A23FA3L	12	N/S	Refund amount Contains the refund amount, zero filled. Input in REFUND AMOUNT.
1			A23CO19	1	S	Carriage return
Note: Carriage Return “A23CO19” is a floating carriage return related to the third refund form of payment. This carriage return is located after the last field in this item.						
1			A23WCI	3	A/S	Refund waiver code identifier WC: Travelport + only
1			A23WCD	19	B	Refund waiver code



Level	Hex	Dec	Label	Bytes	Type	Description
1			A23CO20	1	S	Carriage return
Note: Carriage Return "A23C020" is a floating carriage return related to the Refund Waiver Code of the Refund Data section.						
1			A23ERT	4	A/S	Expanded Refund Tax Identifier ERT: Travelport+ only
1			A23ER1	11	N/S	Individual Refund Tax 1
1			A23ER1C	2	A	Tax code 1
1			A23ER2	11	N/S	Individual Refund Tax 2
1			A23ER2C	2	A	Tax code 2
1			A23ER3	11	N/S	Individual Refund Tax 3
1			A23ER3C	2	A	Tax code 3
1			A23ER4	11	N/S	Individual Refund Tax 4
1			A23ER4C	2	A	Tax code 4
1			A23ER5	11	N/S	Individual Refund Tax 5
1			A23ER5C	2	A	Tax code 5
1			A23ER6	11	N/S	Individual Refund Tax 6
1			A23ER6C	2	A	Tax code 6
1			A23ER7	11	N/S	Individual Refund Tax 7
1			A23ER7C	2	A	Tax code 7
1			A23ER8	11	N/S	Individual Refund Tax 8
1			A23ER8C	2	A	Tax code 8
1			A23ER9	11	N/S	Individual Refund Tax 9



Level	Hex	Dec	Label	Bytes	Type	Description
1			A23ER9C	2	A	Tax code 9
1			A23ER10	11	N/S	Individual Refund Tax 10
1			A23ER10C	2	A	Tax code 10
1			A23ER11	11	N/S	Individual Refund Tax 11
1			A23ER11C	2	A	Tax code 11
1			A23ER12	11	N/S	Individual Refund Tax 12
1			A23ER12C	2	A	Tax code 12
1			A23ER13	11	N/S	Individual Refund Tax 13
1			A23ER13C	2	A	Tax code 13
1			A23ER14	11	N/S	Individual Refund Tax 14
1			A23ER14C	2	A	Tax code 14
1			A23ER15	11	N/S	Individual Refund Tax 15
1			A23ER15C	2	A	Tax code 15
1			A23ER16	11	N/S	Individual Refund Tax 16
1			A23ER16C	2	A	Tax code 16
1			A23ER17	11	N/S	Individual Refund Tax 17
1			A23ER17C	2	A	Tax code 17
1			A23ER18	11	N/S	Individual Refund Tax 18
1			A23ER18C	2	A	Tax code 18
1			A23ER19	11	N/S	Individual Refund Tax 19
1			A23ER19C	2	A	Tax code 19



Level	Hex	Dec	Label	Bytes	Type	Description
1			A23ER20	11	N/S	Individual Refund Tax 20
1			A23ER20C	2	A	Tax code 20
1			A23CO21	1	S	Carriage return
Note: Carriage Return “A23C021” is a floating carriage return related to the Refund Taxes Data of the Refund Data section. This carriage return is located after the last field in this item.						
1			A23C022	1	S	Carriage return indicates the end of the Refund Section.

A24 Other Fare Construction

In Travelport+ the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Note: This section is not available in APO.

The “Other Fare Construction” section occurs when two conditions exist: (1) The “OTHER FARE CONSTR” field in the MMOD table must be set to “Y” (2) An IT or BT ticket has been issued. When this occurs the fare construction shown in A09 will contain the fare construction as printed on the ticket. This will be in the form LON BA PAR M/IT while A24 will contain the fare construction including values in the form LON BA PAR M100.00. At the time of writing (October 2006) this function has not been provided in all markets. All other formatting is identical to A09.

Changes to Q surcharges:

1. Single Segment: when a surcharge is applicable, imprint ‘Q’ followed by the amount immediately after the segment to which it applies.
2. Multiple Segments: when a surcharge is applicable to several consecutive or non-consecutive segments, imprint ‘Q’ followed by the first and last cities of the segments to which the surcharge applies, in the direction of travel, and the amount.
3. Multiple Surcharges Apply to a Single Segment: when more than one surcharge applies to a single segment, they shall be shown separately directly after the segment to which they apply.
4. Multiple Surcharges Apply on Consecutive Sectors: when more than one surcharge applies on consecutive sectors, imprint each separate ‘Q’ followed by the first and last ticketed cities, in the direction of travel, of each sector to which the surcharges apply followed by the amount. When the surcharge crosses multiple fare components, this entry shall be made at the end of the itinerary preceding the total amount in NUCs. With the addition of the extra city codes as defined in the new Q surcharge formats, the linear Fare Calculation ladder length may exceed maximum field sizes allotted in the MIR and may result in the truncation of linear Fare Calculation data in these fields.

Note: All products supported by Travelport Rapid Reprice exchange/reissues will continue to provide the



current linear Fare Calculation data in the MIR.

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	00	A24SEC	3	B	Section label "A24"
1	03	03	A24FSI	2	N	Fare section This indicator identifies which fare is associated with which passenger. This number should match the related passenger number found in the "Associated Fare Item Number for Passenger" (label A02FIN) found in the Passenger Data Section A02.
1	05	05	A24TY5	1	N	Type = 5 (Travelport Apollo System) = 1 (ATB) (Travelport+) = 0 (OPTAT) (Travelport+)
1	06	06	A24L51	61*	B	First line of fare construction

* Above denotes the maximum number of characters in this line. It can be less, based on the ticket type.

1			A24C01	1	S	Carriage return
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Note: Carriage Return "A24C01" is a floating carriage return related to the first line for the Linear Calculation. This carriage return is located after the last character in this line.

1			A24L52	61*	B	Second line of fare construction
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* Above denotes the maximum number of characters in this line. It can be less, based on the ticket type.

1			A24C02	1	S	Carriage return
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Note: Carriage Return "A24C02" is a floating carriage return related to the second line for the Linear Calculation. This carriage return is located after the last character in this line. If less than two lines of Linear Fare Calculation data exist, this carriage return is omitted.

1			A24L53	61*	B	Third line of fare construction
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* Above denotes the maximum number of characters in this line. It can be less, based on the ticket type.

1			A24C03	1	S	Carriage return
---	--	--	--------	---	---	-----------------

Note: Carriage Return "A24C03" is a floating carriage return related to the third line for the Linear Calculation. This carriage return is located after the last character in this line. If less than three lines of Linear Fare Calculation data exist, this carriage return is omitted.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A24L54	61*	B	Fourth line of fare construction
* Above denotes the maximum number of characters in this line. It can be less, based on the ticket type.						
1			A24C04	1	S	Carriage return

Note: Carriage Return "A24C04" is a floating carriage return related to the fourth line for the Linear Calculation. This carriage return is located after the last character in this line. If less than four lines of Linear Calculation data exist, this carriage return is omitted.						
1			A24L55	51*	B	Fifth line of fare construction
* Above denotes the maximum number of characters in this line. It can be less, based on the ticket type.						
1			A24C05	1	S	Carriage return

Note: Carriage Return "A24C05" is a floating carriage return related to the fifth line for the Linear Calculation. This carriage return is located after the last character in this line. If less than five lines of Linear Fare Calculation data exist, this carriage return is omitted.						
Note: Travelport+: The following data is only sent where present, and is an optional line without an indicator						
1			A24VAT	61*	B	VAT amount message for ticketing Travelport+ only: This contains the VAT amount as printed on the ticket for ATB2, restricted use.
Note: Carriage Return "A24C06" is a floating carriage return related to the last line for the Linear Calculation. This carriage return is located after the last character in this line. If less than six lines of Linear Fare Calculation data exist, this carriage return is omitted.						
1			A24C06	1	S	Carriage return Travelport+ only
1			A24C07	1	S	Carriage return This carriage return indicates the end of the Fare Calculation Section and follows the last line of the Linear Fare Calculation.

A26 Integrated Content

Content Integrator will deliver an industry leading, scalable solution that provides a strategic platform for the integration of Third Party bookings into the Travelport+ environment. This new environment will gradually replace the 'tactical' integration methodologies currently deployed.



The first implementation of the new Content Integrator functionality will be with GTA. Content Integrator does not change any of the 'front end' booking methods (Travelport+ Leisure) it only changes the 'back end' integration.

Bookings will continue to be made using the existing functionality of the Third Party (e.g. the existing GTA web site through Travelport+ Leisure). On completion of the booking process the agent will be offered the opportunity to integrate the Third Party booking into a Travelport+ Booking File. The Third Party will then send a message to Travelport+ who will store the data in such a way that when the agent retrieves the Travelport+ Booking File it will contain a copy of the Third Party booking. Any changes to the Third Party booking will be made using the existing functionality of the Third Party who will then send a further update to Travelport+ allowing complete synchronisation between the Third party and Travelport+. The data held in the Travelport+ environment will be included/displayed through specific Access products, MIR, TRAVELPORT BOOKING FEED (TBF), Itinerary/Invoice and Viewtrip.

Travelport has renamed Galileo IDS (GIDS) to Travelport Booking Feed - TBF.

The Content Integrator project includes the following high level changes (detailed descriptions of changes will follow as part of specific product sections):

- Integration of Third party (GTA) bookings at time of create, modification and cancellation in the GTA system
- Changes to Travelport+ Booking Files to handle 'integrated content'.
- New 'integrated content' field.
- Changes to 'End Transact' and Name Field processing.
- Concept of 'empty' Booking Files.

Changes to the following access products:

- Focalpoint – standalone and within 'Galileo Desktop'.
- Booking File display as above.
- Viewpoint – v2.5 and above
- Viewtrip

Changes to the following document production and hand-off products:

- Itinerary print
- MIR handoff
- TRAVELPORT BOOKING FEED (TBF)
- New services for API clients – XML Select, Desktop API and Galileo Web Services

In Travelport+ the MIR Options table can be used to determine whether this section is sent, or not.

Note: This section is controlled through the "CONTENT INTEGRATOR" flag in the MMOD display.

Level	Hex	Dec	Label	Bytes	Type	Description
1	00	03	A26SEC	3	B	Section label "A26"



A09010LON BA DEN Q5.66 913.17Y2 NUC918.83END ROE0.530018 XT 7.80US2
.70XA3.80XY2.70YC37.50YQ

A12ATLT *

A14VL-153806OCTMUCQY1AYODNBW

A26<BOOKINGS><BOOKING><SUPPLIERBOOKING ADDITIONALSUPPSYSTEMINFO="" BOOKINGFEES="10.00"
BOOKINGPRICE="450.50" BOOKINGREFERENCE="016/9908" BOOKINGSTATUS="C" CURRENCYCODE="GBP"
DECIMALPLACES="2" STARTDATE="2006-10-13" SUPPLIERSYSTEM="GTA"><URL/></SUPPLIERBOOKIN
A26G><ITINERARIES><HOTELRESERVATIONS><HOTELRESERVATIONITEM BOOKINGREFERENCE="016/9908"
ITEMENDDATE="2006-11-01" ITEMREFERENCE="1" ITEMSTARTDATE="2006-10-25" ITEMSTATUS="C"
PROPERTYCONTEXT="HOTEL" SUPPLIERSYSTEM="GTA"><ROOMSTAYS><ROOMSTAY><ROOMTYPES><ROOMTYPE
A26 NUMBEROFUNITS="1" ROOMTYPECODE="2C"><ROOMDESCRIPTION><TEXT>2 BEDROOM (SLEEPS
6)</TEXT></ROOMDESCRIPTION></ROOMTYPE></ROOMTYPES><BASICPROPERTYINFO HOTELCITYCODE="UTL"
HOTELCODE="ELP1" HOTELNAME="EL PINAR"><ADDRESS><ADDRESSLINE>C/ SIERRA DE GUADARAMA S/N</
A26ADDRESSLINE><ADDRESSLINE>29620 TORREMOLINOS</ADDRESSLINE><ADDRESSLINE>MALAGA,
SPAIN.</ADDRESSLINE><CITYNAME>TORREMOLINOS</CITYNAME></ADDRESS><AWARD
RATING="4"/></BASICPROPERTYINFO><RESGUESTRPHS><RESGUESTRPH RPH="1"/><RESGUESTRPH
RPH="2"/><RESGUESTRPH RPH=
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amountAFTERTAX="83300" CURRENCYCODE="GBP"
DECIMALPLACES="2"/></RESGLOBALINFO><HOTELITEMSTATUS
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ITEMSTARTDATE="2006-10-25" ITEMSTATUS="C" PROPERTYCONTEXT="APARTMENT"
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6)</TEXT></ROOMDESCRIPTION></ROOMTYPE></ROOMTYPES><BASICPROPERTYINFO HOTELCITYCODE="UTL"
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TORREMOLINOS</ADDRESSLINE><ADDRESSLINE>MALAGA,
SPAIN.</ADDRESSLINE><CITYNAME>TORREMOLINOS</CITYNAME></ADDRESS><AWARD
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A26TRPH RPH="2"/><RESGUESTRPH
RPH="3"/></RESGUESTRPHS></ROOMSTAY></ROOMSTAYS><RESGLOBALINFO><GUESTCOUNTS><GUESTCOUNT
COUNT="3"/></GUESTCOUNTS><TIMESPAN END="2006-11-01" START="2006-10-25"/><Total
amountAFTERTAX="83300" CURRENCYCODE="GBP" DECIMALPLACES="2"/><
A26/RESGLOBALINFO><HOTELITEMSTATUS
CODE="C">CONFIRMED</HOTELITEMSTATUS></HOTELRESERVATIONITEM></HOTELRESERVATIONS></ITINERAR
IES><CUSTOMERS><CUSTOMER
RPH="1"><PERSONNAME><GIVENNAME>GARY</GIVENNAME><SURNAME>HUNTER</SURNAME></PERSONNAME></CU
STOMER><CUSTOMER RPH
A26="2"><PERSONNAME><GIVENNAME>DIANA</GIVENNAME><SURNAME>CHARLES</SURNAME></PERSONNAME></
CUSTOMER><CUSTOMER
RPH="3"><PERSONNAME><GIVENNAME>STEVE</GIVENNAME><SURNAME>WAUGH</SURNAME></PERSONNAME></CU
STOMER><CUSTOMER RPH="4"><PERSONNAME><GIVENNAME>BRETT</GIVENN
A26AME><SURNAME>LEE</SURNAME></PERSONNAME></CUSTOMER></CUSTOMERS></BOOKING></BOOKINGS>

And a Hex representation of the same data:

00000000h: 9F 54 35 31 47 37 37 33 33 39 32 30 33 38 31 33 ; ŸT51G77339203813



00000010h: 32 39 34 32 32 30 36 4F 43 54 30 36 31 35 35 36 ; 2942206OCT061556
00000020h: 20 42 41 31 32 35 42 52 49 54 49 53 48 20 41 49 ; BA125BRITISH AI
00000030h: 52 57 41 59 53 20 20 20 20 20 20 20 20 20 32 35 ; RWAYS 25
00000040h: 4A 41 4E 30 37 43 43 43 44 32 44 43 44 43 44 32 ; JAN07CCCD2DCDCD2
00000050h: 44 0D 0A 20 58 52 37 20 58 52 37 39 39 39 39 39 ; D.. XR7 XR799999
00000060h: 39 39 32 20 5A 5A 36 43 4A 47 20 20 20 20 20 20 ; 992 ZZ6CJG
00000070h: 20 20 20 56 4E 48 43 48 43 4E 35 38 41 47 30 36 ; VNHCHCN58AG06
00000080h: 4F 43 54 30 36 30 30 30 30 36 4F 43 54 30 36 30 ; OCT0600006OCT060
00000090h: 31 39 0D 0A 47 42 50 30 30 30 30 30 30 30 34 38 ; 19..GBP000000048
000000a0h: 37 30 30 32 47 42 50 30 30 30 30 30 30 30 30 20 ; 7002GBP00000000
000000b0h: 20 30 30 30 30 30 30 30 30 20 20 30 30 30 30 30 ; 00000000 00000
000000c0h: 30 30 30 20 20 30 30 30 30 30 30 30 30 20 20 30 ; 000 00000000 0
000000d0h: 30 30 30 30 30 30 30 20 20 30 30 30 30 30 30 30 ; 00000000 0000000
000000e0h: 30 30 30 30 30 0D 0A 4E 4E 4E 59 4E 37 4E 4E 59 ; 00000..NNNYN7NNY
000000f0h: 41 59 41 20 4E 4E 4E 58 20 20 20 47 42 0D 0A 30 ; AYA NNNX GB..0
00000100h: 30 30 30 30 30 30 30 31 30 30 30 30 30 31 30 30 ; 0000000100000100
00000110h: 30 30 30 30 30 30 31 30 30 30 30 30 30 30 31 ; 0000001000000001
00000120h: 30 30 30 30 30 31 30 30 30 30 30 30 30 30 0D ; 0000010000000000.
00000130h: 0A 0D 0A 41 30 32 48 55 4E 54 45 52 2F 47 41 52 ; ...A02HUNTER/GAR
00000140h: 59 20 20 20 20 20 20 20 20 20 20 20 20 20 20 ; Y
00000150h: 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 ;
00000160h: 20 20 36 20 20 20 20 20 20 20 20 20 30 30 20 ; 6 00
00000170h: 20 20 20 20 20 20 20 20 41 44 20 20 20 20 30 31 ; AD 01
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000001b0h: 36 31 35 20 32 4C 48 52 4C 4F 4E 44 4F 4E 2F 48 ; 615 2LHRLONDON/H
000001c0h: 45 41 54 48 52 44 45 4E 44 45 4E 56 45 52 20 20 ; EATHRDENDENVER
000001d0h: 20 20 20 20 20 49 4E 4D 20 20 20 4F 30 32 50 43 ; INM O02PC
000001e0h: 37 37 37 20 54 34 20 20 20 20 20 20 46 20 54 4B ; 777 T4 F TK
000001f0h: 3A 4E 4A 54 3A 30 39 2E 34 30 0D 0A 0D 0A 41 30 ; :NJT:09.40....A0
00000200h: 37 30 31 47 42 50 20 20 20 20 20 20 34 38 37 2E ; 701GBP 487.



00000210h: 30 30 47 42 50 20 20 20 20 20 20 35 37 34 2E 35 ; 00GBP 574.5
00000220h: 30 20 20 20 20 20 20 20 20 20 20 20 20 20 ; 0
00000230h: 47 42 50 54 31 3A 20 20 20 32 30 2E 30 30 47 42 ; GBPT1: 20.00GB
00000240h: 54 32 3A 20 20 20 31 33 2E 30 30 55 42 54 33 3A ; T2: 13.00UBT3:
00000250h: 20 20 20 35 34 2E 35 30 58 54 0D 0A 49 54 3A 20 ; 54.50XT..IT:
00000260h: 20 20 20 37 2E 38 30 55 53 20 20 20 20 32 2E 37 ; 7.80US 2.7
00000270h: 30 58 41 20 20 20 20 33 2E 38 30 58 59 20 20 20 ; 0XA 3.80XY
00000280h: 20 32 2E 37 30 59 43 20 20 20 33 37 2E 35 30 59 ; 2.70YC 37.50Y
00000290h: 51 0D 0A 0D 0A 41 30 38 30 31 30 31 59 32 20 20 ; Q....A080101Y2
000002a0h: 20 20 20 20 30 30 30 30 30 30 30 20 20 20 20 ; 00000000
000002b0h: 20 20 20 20 20 20 20 20 20 20 20 20 20 20 ;
000002c0h: 46 3A 59 32 0D 0A 0D 0A 41 30 39 30 31 30 4C 4F ; F:Y2....A09010LO
000002d0h: 4E 20 42 41 20 44 45 4E 20 51 35 2E 36 36 20 39 ; N BA DEN Q5.66 9
000002e0h: 31 33 2E 31 37 59 32 20 4E 55 43 39 31 38 2E 38 ; 13.17Y2 NUC918.8
000002f0h: 33 45 4E 44 20 52 4F 45 30 2E 35 33 30 30 31 38 ; 3END ROE0.530018
00000300h: 20 58 54 20 37 2E 38 30 55 53 32 0D 0A 2E 37 30 ; XT 7.80US2...70
00000310h: 58 41 33 2E 38 30 58 59 32 2E 37 30 59 43 33 37 ; XA3.80XY2.70YC37
00000320h: 2E 35 30 59 51 0D 0A 0D 0A 41 31 32 41 54 4C 54 ; .50YQ....A12ATLT
00000330h: 20 2A 0D 0A 0D 0A 41 31 34 56 4C 2D 31 35 33 38 ; *....A14VL-1538
00000340h: 30 36 4F 43 54 4D 55 43 51 59 31 41 59 4F 44 4E ; 06OCTMUCQY1AYODN
00000350h: 42 57 0D 0A 0D 0A 41 32 36 3C 42 4F 4F 4B 49 4E ; BW....A26<BOOKIN
00000360h: 47 53 3E 3C 42 4F 4F 4B 49 4E 47 3E 3C 53 55 50 ; GS><BOOKING><SUP
00000370h: 50 4C 49 45 52 42 4F 4F 4B 49 4E 47 20 41 44 44 ; PLIERBOOKING ADD
00000380h: 49 54 49 4F 4E 41 4C 53 55 50 50 53 59 53 54 45 ; ITIONALSUPPSYSTE
00000390h: 4D 49 4E 46 4F 3D 22 22 20 42 4F 4F 4B 49 4E 47 ; MINFO="" BOOKING
000003a0h: 46 45 45 53 3D 22 31 30 2E 30 30 22 20 42 4F 4F ; FEES="10.00" BOO
000003b0h: 4B 49 4E 47 50 52 49 43 45 3D 22 34 35 30 2E 35 ; KINGPRICE="450.5
000003c0h: 30 22 20 42 4F 4F 4B 49 4E 47 52 45 46 45 52 45 ; 0" BOOKINGREFERE
000003d0h: 4E 43 45 3D 22 30 31 36 2F 39 39 30 38 22 20 42 ; NCE="016/9908" B
000003e0h: 4F 4F 4B 49 4E 47 53 54 41 54 55 53 3D 22 43 22 ; OOKINGSTATUS="C"
000003f0h: 20 43 55 52 52 45 4E 43 59 43 4F 44 45 3D 22 47 ; CURRENCYCODE="G
00000400h: 42 50 22 20 44 45 43 49 4D 41 4C 50 4C 41 43 45 ; BP" DECIMALPLACE



00000410h: 53 3D 22 32 22 20 53 54 41 52 54 44 41 54 45 3D ; S="2" STARTDATE=
00000420h: 22 32 30 30 36 2D 31 30 2D 31 33 22 20 53 55 50 ; "2006-10-13" SUP
00000430h: 50 4C 49 45 52 53 59 53 54 45 4D 3D 22 47 54 41 ; PLIERSYSTEM="GTA
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00000460h: 49 54 49 4E 45 52 41 52 49 45 53 3E 3C 48 4F 54 ; ITINERARIES><HOT
00000470h: 45 4C 52 45 53 45 52 56 41 54 49 4F 4E 53 3E 3C ; ELRESERVATIONS><
00000480h: 48 4F 54 45 4C 52 45 53 45 52 56 41 54 49 4F 4E ; HOTELRESERVATION
00000490h: 49 54 45 4D 20 42 4F 4F 4B 49 4E 47 52 45 46 45 ; ITEM BOOKINGREFE
000004a0h: 52 45 4E 43 45 3D 22 30 31 36 2F 39 39 30 38 22 ; RENCE="016/9908"
000004b0h: 20 49 54 45 4D 45 4E 44 44 41 54 45 3D 22 32 30 ; ITEMENDDATE="20
000004c0h: 30 36 2D 31 31 2D 30 31 22 20 49 54 45 4D 52 45 ; 06-11-01" ITEMRE
000004d0h: 46 45 52 45 4E 43 45 3D 22 31 22 20 49 54 45 4D ; FERENCE="1" ITEM
000004e0h: 53 54 41 52 54 44 41 54 45 3D 22 32 30 30 36 2D ; STARTDATE="2006-
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00000500h: 53 3D 22 43 22 20 50 52 4F 50 45 52 54 59 43 4F ; S="C" PROPERTYCO
00000510h: 4E 54 45 58 54 3D 22 48 4F 54 45 4C 22 20 53 55 ; NTEXT="HOTEL" SU
00000520h: 50 50 4C 49 45 52 53 59 53 54 45 4D 3D 22 47 54 ; PPLIERSYSTEM="GT
00000530h: 41 22 3E 3C 52 4F 4F 4D 53 54 41 59 53 3E 3C 52 ; A"><ROOMSTAYS><R
00000540h: 4F 4F 4D 53 54 41 59 3E 3C 52 4F 4F 4D 54 59 50 ; OOMSTAY><ROOMTYP
00000550h: 45 53 3E 3C 52 4F 4F 4D 54 59 50 45 0D 0A 41 32 ; ES><ROOMTYPE..A2
00000560h: 36 20 4E 55 4D 42 45 52 4F 46 55 4E 49 54 53 3D ; 6 NUMBEROFUNITS=
00000570h: 22 31 22 20 52 4F 4F 4D 54 59 50 45 43 4F 44 45 ; "1" ROOMTYPECODE
00000580h: 3D 22 32 43 22 3E 3C 52 4F 4F 4D 44 45 53 43 52 ; ="2C"><ROOMDESCR
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000005a0h: 45 44 52 4F 4F 4D 20 28 53 4C 45 45 50 53 20 36 ; EDROOM (SLEEPS 6
000005b0h: 29 3C 2F 54 45 58 54 3E 3C 2F 52 4F 4F 4D 44 45 ;)</TEXT></ROOMDE
000005c0h: 53 43 52 49 50 54 49 4F 4E 3E 3C 2F 52 4F 4F 4D ; SCRIPTON></ROOM
000005d0h: 54 59 50 45 3E 3C 2F 52 4F 4F 4D 54 59 50 45 53 ; TYPE></ROOMTYPES
000005e0h: 3E 3C 42 41 53 49 43 50 52 4F 50 45 52 54 59 49 ; ><BASICPROPERTYI
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00000610h: 45 3D 22 45 4C 50 31 22 20 48 4F 54 45 4C 4E 41 ; E="ELP1" HOTELNA
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00000630h: 44 44 52 45 53 53 3E 3C 41 44 44 52 45 53 53 4C ; DDRESS><ADDRESSL
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00000650h: 20 47 55 41 44 41 52 41 4D 41 20 53 2F 4E 3C 2F ; GUADARAMA S/N</
00000660h: 0D 0A 41 32 36 41 44 44 52 45 53 53 4C 49 4E 45 ; ..A26ADDRESSLINE
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000006b0h: 41 2C 20 53 50 41 49 4E 2E 3C 2F 41 44 44 52 45 ; A, SPAIN.</ADDRE
000006c0h: 53 53 4C 49 4E 45 3E 3C 43 49 54 59 4E 41 4D 45 ; SSLINE><CITYNAME
000006d0h: 3E 54 4F 52 52 45 4D 4F 4C 49 4E 4F 53 3C 2F 43 ; >TORREMOLINOS</C
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000006f0h: 53 3E 3C 41 57 41 52 44 20 52 41 54 49 4E 47 3D ; S><AWARD RATING=
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000007f0h: 53 54 41 52 54 3D 22 32 30 30 36 2D 31 30 2D 32 ; START="2006-10-2
00000800h: 35 22 2F 3E 3C 54 4F 54 41 4C 20 41 4D 4F 55 4E ; 5"/><TOTAL AMOUN



00000810h: 54 41 46 54 45 52 54 41 58 3D 22 38 33 33 30 30 ; TAFTERTAX="83300
00000820h: 22 20 43 55 52 52 45 4E 43 59 43 4F 44 45 3D 22 ; " CURRENCYCODE="
00000830h: 47 42 50 22 20 44 45 43 49 4D 41 4C 50 4C 41 43 ; GBP" DECIMALPLAC
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00000850h: 42 41 4C 49 4E 46 4F 3E 3C 48 4F 54 45 4C 49 54 ; BALINFO><HOTELIT
00000860h: 45 4D 53 54 41 54 55 53 0D 0A 41 32 36 20 43 4F ; EMSTATUS..A26 CO
00000870h: 44 45 3D 22 43 22 3E 43 4F 4E 46 49 52 4D 45 44 ; DE="C">CONFIRMED
00000880h: 3C 2F 48 4F 54 45 4C 49 54 45 4D 53 54 41 54 55 ; </HOTELITEMSTATU
00000890h: 53 3E 3C 2F 48 4F 54 45 4C 52 45 53 45 52 56 41 ; S></HOTELRESERVA
000008a0h: 54 49 4F 4E 49 54 45 4D 3E 3C 48 4F 54 45 4C 52 ; TIONITEM><HOTELR
000008b0h: 45 53 45 52 56 41 54 49 4F 4E 49 54 45 4D 20 42 ; ESERVATIONITEM B
000008c0h: 4F 4F 4B 49 4E 47 52 45 46 45 52 45 4E 43 45 3D ; OOKINGREFERENCE=
000008d0h: 22 30 31 36 2F 39 39 30 38 22 20 49 54 45 4D 45 ; "016/9908" ITEME
000008e0h: 4E 44 44 41 54 45 3D 22 32 30 30 36 2D 31 31 2D ; NDDATE="2006-11-
000008f0h: 30 31 22 20 49 54 45 4D 52 45 46 45 52 45 4E 43 ; 01" ITEMREFERENC
00000900h: 45 3D 22 31 30 22 20 49 54 45 4D 53 54 41 52 54 ; E="10" ITEMSTART
00000910h: 44 41 54 45 3D 22 32 30 30 36 2D 31 30 2D 32 35 ; DATE="2006-10-25
00000920h: 22 20 49 54 45 4D 53 54 41 54 55 53 3D 22 43 22 ; " ITEMSTATUS="C"
00000930h: 20 50 52 4F 50 45 52 54 59 43 4F 4E 54 45 58 54 ; PROPERTYCONTEXT
00000940h: 3D 22 41 50 41 52 54 4D 45 4E 54 22 20 53 55 50 ; ="APARTMENT" SUP
00000950h: 50 4C 49 45 52 53 59 53 54 45 4D 3D 22 47 54 41 ; PLIERSYSTEM="GTA
00000960h: 22 3E 3C 52 4F 4F 4D 53 54 41 59 53 0D 0A 41 32 ; "><ROOMSTAYS..A2
00000970h: 36 3E 3C 52 4F 4F 4D 53 54 41 59 3E 3C 52 4F 4F ; 6><ROOMSTAY><ROO
00000980h: 4D 54 59 50 45 53 3E 3C 52 4F 4F 4D 54 59 50 45 ; MTYPES><ROOMTYPE
00000990h: 20 4E 55 4D 42 45 52 4F 46 55 4E 49 54 53 3D 22 ; NUMBEROFUNITS="
000009a0h: 31 22 20 52 4F 4F 4D 54 59 50 45 43 4F 44 45 3D ; 1" ROOMTYPECODE=
000009b0h: 22 32 43 22 3E 3C 52 4F 4F 4D 44 45 53 43 52 49 ; "2C"><ROOMDESCRI
000009c0h: 50 54 49 4F 4E 3E 3C 54 45 58 54 3E 32 20 42 45 ; PTION><TEXT>2 BE
000009d0h: 44 52 4F 4F 4D 20 28 53 4C 45 45 50 53 20 36 29 ; DROOM (SLEEPS 6)
000009e0h: 3C 2F 54 45 58 54 3E 3C 2F 52 4F 4F 4D 44 45 53 ; </TEXT></ROOMDES
000009f0h: 43 52 49 50 54 49 4F 4E 3E 3C 2F 52 4F 4F 4D 54 ; CRIPTION></ROOMT
00000a00h: 59 50 45 3E 3C 2F 52 4F 4F 4D 54 59 50 45 53 3E ; YPE></ROOMTYPES>



00000a10h: 3C 42 41 53 49 43 50 52 4F 50 45 52 54 59 49 4E ; <BASICPROPERTYIN
00000a20h: 46 4F 20 48 4F 54 45 4C 43 49 54 59 43 4F 44 45 ; FO HOTELCITYCODE
00000a30h: 3D 22 55 54 4C 22 20 48 4F 54 45 4C 43 4F 44 45 ; ="UTL" HOTELCODE
00000a40h: 3D 22 45 4C 50 31 22 20 48 4F 54 45 4C 4E 41 4D ; ="ELP1" HOTELNAM
00000a50h: 45 3D 22 45 4C 20 50 49 4E 41 52 22 3E 3C 41 44 ; E="EL PINAR"><AD
00000a60h: 44 52 45 53 53 3E 3C 41 44 44 52 45 53 53 4C 49 ; DRESS><ADDRESSLI
00000a70h: 0D 0A 41 32 36 4E 45 3E 43 2F 20 53 49 45 52 52 ; ..A26NE>C/ SIERR
00000a80h: 41 20 44 45 20 47 55 41 44 41 52 41 4D 41 20 53 ; A DE GUADARAMA S
00000a90h: 2F 4E 3C 2F 41 44 44 52 45 53 53 4C 49 4E 45 3E ; /N</ADDRESSLINE>
00000aa0h: 3C 41 44 44 52 45 53 53 4C 49 4E 45 3E 32 39 36 ; <ADDRESSLINE>296
00000ab0h: 32 30 20 54 4F 52 52 45 4D 4F 4C 49 4E 4F 53 3C ; 20 TORREMOLINOS<
00000ac0h: 2F 41 44 44 52 45 53 53 4C 49 4E 45 3E 3C 41 44 ; /ADDRESSLINE><AD
00000ad0h: 44 52 45 53 53 4C 49 4E 45 3E 4D 41 4C 41 47 41 ; DRESSLINE>MALAGA
00000ae0h: 2C 20 53 50 41 49 4E 2E 3C 2F 41 44 44 52 45 53 ; , SPAIN.</ADDRES
00000af0h: 53 4C 49 4E 45 3E 3C 43 49 54 59 4E 41 4D 45 3E ; SLINE><CITYNAME>
00000b00h: 54 4F 52 52 45 4D 4F 4C 49 4E 4F 53 3C 2F 43 49 ; TORREMOLINOS</CI
00000b10h: 54 59 4E 41 4D 45 3E 3C 2F 41 44 44 52 45 53 53 ; TYNAME></ADDRESS
00000b20h: 3E 3C 41 57 41 52 44 20 52 41 54 49 4E 47 3D 22 ; ><AWARD RATING="
00000b30h: 34 22 2F 3E 3C 2F 42 41 53 49 43 50 52 4F 50 45 ; 4"/></BASICPROPE
00000b40h: 52 54 59 49 4E 46 4F 3E 3C 52 45 53 47 55 45 53 ; RTYINFO><RESGUES
00000b50h: 54 52 50 48 53 3E 3C 52 45 53 47 55 45 53 54 52 ; TRPHS><RESGUESTR
00000b60h: 50 48 20 52 50 48 3D 22 31 22 2F 3E 3C 52 45 53 ; PH RPH="1"/><RES
00000b70h: 47 55 45 53 0D 0A 41 32 36 54 52 50 48 20 52 50 ; GUES..A26TRPH RP
00000b80h: 48 3D 22 32 22 2F 3E 3C 52 45 53 47 55 45 53 54 ; H="2"/><RESGUEST
00000b90h: 52 50 48 20 52 50 48 3D 22 33 22 2F 3E 3C 2F 52 ; RPH RPH="3"/></R
00000ba0h: 45 53 47 55 45 53 54 52 50 48 53 3E 3C 2F 52 4F ; ESGUESTRPHS></RO
00000bb0h: 4F 4D 53 54 41 59 3E 3C 2F 52 4F 4F 4D 53 54 41 ; OMSTAY></ROOMSTA
00000bc0h: 59 53 3E 3C 52 45 53 47 4C 4F 42 41 4C 49 4E 46 ; YS><RESGLOBALINF
00000bd0h: 4F 3E 3C 47 55 45 53 54 43 4F 55 4E 54 53 3E 3C ; O><GUESTCOUNTS><
00000be0h: 47 55 45 53 54 43 4F 55 4E 54 20 43 4F 55 4E 54 ; GUESTCOUNT COUNT
00000bf0h: 3D 22 33 22 2F 3E 3C 2F 47 55 45 53 54 43 4F 55 ; ="3"/></GUESTCOU
00000c00h: 4E 54 53 3E 3C 54 49 4D 45 53 50 41 4E 20 45 4E ; NTS><TIMESPAN EN



00000c10h: 44 3D 22 32 30 30 36 2D 31 31 2D 30 31 22 20 53 ; D="2006-11-01" S
00000c20h: 54 41 52 54 3D 22 32 30 30 36 2D 31 30 2D 32 35 ; TART="2006-10-25
00000c30h: 22 2F 3E 3C 54 4F 54 41 4C 20 41 4D 4F 55 4E 54 ; "/><Total amount
00000c40h: 41 46 54 45 52 54 41 58 3D 22 38 33 33 30 30 22 ; AFTERTAX="83300"
00000c50h: 20 43 55 52 52 45 4E 43 59 43 4F 44 45 3D 22 47 ; CURRENCYCODE="G
00000c60h: 42 50 22 20 44 45 43 49 4D 41 4C 50 4C 41 43 45 ; BP" DECIMALPLACE
00000c70h: 53 3D 22 32 22 2F 3E 3C 0D 0A 41 32 36 2F 52 45 ; S="2"/><..A26/RE
00000c80h: 53 47 4C 4F 42 41 4C 49 4E 46 4F 3E 3C 48 4F 54 ; SGLOBALINFO><HOT
00000c90h: 45 4C 49 54 45 4D 53 54 41 54 55 53 20 43 4F 44 ; ELITEMSTATUS COD
00000ca0h: 45 3D 22 43 22 3E 43 4F 4E 46 49 52 4D 45 44 3C ; E="C">CONFIRMED<
00000cb0h: 2F 48 4F 54 45 4C 49 54 45 4D 53 54 41 54 55 53 ; /HOTELITEMSTATUS
00000cc0h: 3E 3C 2F 48 4F 54 45 4C 52 45 53 45 52 56 41 54 ; ></HOTELRESERVAT
00000cd0h: 49 4F 4E 49 54 45 4D 3E 3C 2F 48 4F 54 45 4C 52 ; IONITEM></HOTELR
00000ce0h: 45 53 45 52 56 41 54 49 4F 4E 53 3E 3C 2F 49 54 ; ESERVATIONS></IT
00000cf0h: 49 4E 45 52 41 52 49 45 53 3E 3C 43 55 53 54 4F ; INERARIES><CUSTO
00000d00h: 4D 45 52 53 3E 3C 43 55 53 54 4F 4D 45 52 20 52 ; MERS><CUSTOMER R
00000d10h: 50 48 3D 22 31 22 3E 3C 50 45 52 53 4F 4E 4E 41 ; PH="1"><PERSONNA
00000d20h: 4D 45 3E 3C 47 49 56 45 4E 4E 41 4D 45 3E 47 41 ; ME><GIVENNAME>GA
00000d30h: 52 59 3C 2F 47 49 56 45 4E 4E 41 4D 45 3E 3C 53 ; RY</GIVENNAME><S
00000d40h: 55 52 4E 41 4D 45 3E 48 55 4E 54 45 52 3C 2F 53 ; URNAME>HUNTER</S
00000d50h: 55 52 4E 41 4D 45 3E 3C 2F 50 45 52 53 4F 4E 4E ; URNAME></PERSONN
00000d60h: 41 4D 45 3E 3C 2F 43 55 53 54 4F 4D 45 52 3E 3C ; AME></CUSTOMER><
00000d70h: 43 55 53 54 4F 4D 45 52 20 52 50 48 0D 0A 41 32 ; CUSTOMER RPH..A2
00000d80h: 36 3D 22 32 22 3E 3C 50 45 52 53 4F 4E 4E 41 4D ; 6="2"><PERSONNAM
00000d90h: 45 3E 3C 47 49 56 45 4E 4E 41 4D 45 3E 44 49 41 ; E><GIVENNAME>DIA
00000da0h: 4E 41 3C 2F 47 49 56 45 4E 4E 41 4D 45 3E 3C 53 ; NA</GIVENNAME><S
00000db0h: 55 52 4E 41 4D 45 3E 43 48 41 52 4C 45 53 3C 2F ; URNAME>CHARLES</
00000dc0h: 53 55 52 4E 41 4D 45 3E 3C 2F 50 45 52 53 4F 4E ; SURNAME></PERSON
00000dd0h: 4E 41 4D 45 3E 3C 2F 43 55 53 54 4F 4D 45 52 3E ; NAME></CUSTOMER>
00000de0h: 3C 43 55 53 54 4F 4D 45 52 20 52 50 48 3D 22 33 ; <CUSTOMER RPH="3
00000df0h: 22 3E 3C 50 45 52 53 4F 4E 4E 41 4D 45 3E 3C 47 ; "><PERSONNAME><G
00000e00h: 49 56 45 4E 4E 41 4D 45 3E 53 54 45 56 45 3C 2F ; IVENNAME>STEVE</



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00000e10h: 47 49 56 45 4E 4E 41 4D 45 3E 3C 53 55 52 4E 41 ; GIVENNAME><SURNA
00000e20h: 4D 45 3E 57 41 55 47 48 3C 2F 53 55 52 4E 41 4D ; ME>WAUGH</SURNAM
00000e30h: 45 3E 3C 2F 50 45 52 53 4F 4E 4E 41 4D 45 3E 3C ; E></PERSONNAME><
00000e40h: 2F 43 55 53 54 4F 4D 45 52 3E 3C 43 55 53 54 4F ; /CUSTOMER><CUSTO
00000e50h: 4D 45 52 20 52 50 48 3D 22 34 22 3E 3C 50 45 52 ; MER RPH="4"><PER
00000e60h: 53 4F 4E 4E 41 4D 45 3E 3C 47 49 56 45 4E 4E 41 ; SONNAME><GIVENNA
00000e70h: 4D 45 3E 42 52 45 54 54 3C 2F 47 49 56 45 4E 4E ; ME>BRETT</GIVENN
00000e80h: 0D 0A 41 32 36 41 4D 45 3E 3C 53 55 52 4E 41 4D ; ..A26AME><SURNAM
00000e90h: 45 3E 4C 45 45 3C 2F 53 55 52 4E 41 4D 45 3E 3C ; E>LEE</SURNAME><
00000ea0h: 2F 50 45 52 53 4F 4E 4E 41 4D 45 3E 3C 2F 43 55 ; /PERSONNAME></CU
00000eb0h: 53 54 4F 4D 45 52 3E 3C 2F 43 55 53 54 4F 4D 45 ; STOMER></CUSTOME
00000ec0h: 52 53 3E 3C 2F 42 4F 4F 4B 49 4E 47 3E 3C 2F 42 ; RS></BOOKING></B
00000ed0h: 4F 4F 4B 49 4E 47 53 3E 0D 0A 0D 0A 2A 2A 2A 20 ; OOKINGS>....***

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A27 Carrier Fees and Taxes on Fees

In Travelport+ the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Level	Hex	Dec	Label	Bytes	Type	Description
Note: All Fees and Taxes on Fees are blank filled, right justified, with the appropriate decimal place. Also, only one Fees and Taxes on Fees Section is transmitted for each fare type.						
1	00	00	A27SEC	3	B	Section label "A27"
1			A27GFC	1	A	Fees and Tax indicator Y = Fees/Taxes Collected N = No Fees/Taxes Collected
1			A27MOD	1	A	Fees manually overridden E = Fees/Taxes Exempted Use of the ticketing fees exempt modifier in this ticketing transaction.
1	04	04	A27FSI	2	N	Fare section indicator for Fees and Taxes on Fees This indicator identifies which fare is associated with which passenger. This number should match the related passenger number found in the "Associated Fare Item Number for Passenger," (label



Level	Hex	Dec	Label	Bytes	Type	Description
						A02FIN) in the Passenger Data Section (A02).
1	15	21	A27CRT	3	A	Currency code for total amount fees and taxes
1	18	24	A27TTA	12	N/S	Total amount fees and taxes
1	15	21	A27CRG	3	A	Currency code for grand total amount
1	18	24	A27GTA	12	N/S	Grand total amount Total fare plus total fees and taxes
1			A27C01	1	S	Carriage return

Note: Travelport+ only.

Only Fees and Taxes on Fees charged are sent in the MIR. If no Fees and Taxes on Fees apply, the entire "OB:" section is omitted.

Carriage Return "A27C01" is a floating carriage return related to Fees and Taxes on Fees information. This carriage return is located after the Grand Total Amount. If no Fees and/or Taxes on Fees information exists, this carriage return follows the Fare Section Indicator for Fees and Taxes on Fees (A27FSI).

1			A27OBI	3	A/S	FOB tax code identifier OB:
1			A27VA01	8	B/S	Fee / Tax value Populated with either Fee or Tax on Fee Value
1			A27CD01	3	B	Fee / Tax code Example: OB for Carrier Ticketing Fees GB, US or as needed for Taxes on Fees
1			A27RE01	1	A	Refund / Reissue indicator Y = Refundable N = Non-refundable
1			A27IA01	1	A	Interline fee indicator Y = Interlineable fee N = Non-interlineable fee
1			A27CM01	1	A	Commission Indicator Y = Commissionable fee N = Non-Commissionable fee
1			A27SC01	6	A	OB fee sub-code Example:



Level	Hex	Dec	Label	Bytes	Type	Description
						FCA – Credit Card Form of Payment Fee Only populated for OB Fee not Tax on OB Fee
1			A27CN01	10	A	OB fee commercial name Only populated for OB Fee not Tax on OB Fee
1			A27VA02	8	B/S	Fee / Tax value
1			A27CD02	3	B	Fee / Tax code
1			A27RE02	1	A	Refund / Reissue indicator
1			A27IA02	1	A	Interline fee indicator
1			A27CM02	1	A	Commission indicator
1			A27SC02	6	A	Fee sub-code
1			A27CN02	10	A	Fee commercial name
1			A27VA03	8	B/S	Fee / Tax value
1			A27CD03	3	B	Fee / Tax code
1			A27RE03	1	A	Refund / Reissue indicator
1			A27RE03	1	A	Refund / Reissue indicator
1			A27IA03	1	A	Interline fee indicator
1			A27CM03	1	A	Commission indicator
1			A27SC03	6	A	Fee sub-code
1			A27CN03	10	A	Fee commercial name
1			A27VA04	8	B/S	Fee / Tax value
1			A27CD04	3	B	Fee / Tax code
1			A27RE04	1	A	Refund / Reissue indicator
1			A27IA04	1	A	Interline fee indicator
1			A27CM04	1	A	Commission indicator
1			A27SC04	6	A	Fee sub-code
1			A27CN04	10	A	Fee commercial name
1			A27VA05	8	B/S	Fee / Tax value



Level	Hex	Dec	Label	Bytes	Type	Description
1			A27CD05	3	B	Fee / Tax code
1			A27RE05	1	A	Refund / Reissue indicator
1			A27IA05	1	A	Interline fee indicator
1			A27CM05	1	A	Commission indicator
1			A27SC05	6	A	Fee sub-code
1			A27CN05	10	A	Fee commercial name
1			A27VA06	8	B/S	Fee / Tax value
1			A27CD06	3	B	Fee / Tax code
1			A27RE06	1	A	Refund / Reissue indicator
1			A27IA06	1	A	Interline fee indicator
1			A27CM06	1	A	Commission indicator
1			A27SC06	6	A	Fee sub-code
1			A27CN06	10	A	Fee commercial name
1			A27VA07	8	B/S	Fee / Tax value
1			A27CD07	3	B	Fee / Tax code
1			A27RE07	1	A	Refund / Reissue indicator
1			A27IA07	1	A	Interline fee indicator
1			A27CM07	1	A	Commission indicator
1			A27SC07	6	A	Fee sub-code
1			A27VA08	8	B/S	Fee / Tax value
1			A27CD08	3	B	Fee / Tax code
1			A27RE08	1	A	Refund / Reissue indicator
1			A27IA08	1	A	Interline fee indicator
1			A27CM08	1	A	Commission indicator
1			A27SC08	6	A	Fee sub-code
1			A27CN08	10	A	Fee commercial name
1			A27VA09	8	B/S	Fee / Tax value



Level	Hex	Dec	Label	Bytes	Type	Description
1			A27CD09	3	B	Fee / Tax code
1			A27RE09	1	A	Refund / Reissue indicator
1			A27IA09	1	A	Interline fee indicator
1			A27CM09	1	A	Commission indicator
1			A27SC09	6	A	Fee sub-code
1			A27CN09	10	A	Fee commercial name
1			A27VA10	8	B/S	Fee / Tax value
1			A27CD10	3	B	Fee / Tax code
1			A27RE10	1	A	Refund / Reissue indicator
1			A27IA10	1	A	Interline fee indicator
1			A27CM10	1	A	Commission indicator
1			A27SC10	6	A	Fee sub-code
1			A27CN10	10	A	Fee commercial name
1			A27VA11	8	B/S	Fee / Tax value
1			A27CD11	3	B	Fee / Tax code
1			A27RE11	1	A	Refund / Reissue indicator
1			A27IA11	1	A	Interline fee indicator
1			A27CM11	1	A	Commission indicator
1			A27SC11	6	A	Fee sub-code
1			A27CN11	10	A	Fee commercial name
1			A27VA12	8	B/S	Fee / Tax value
1			A27CD12	3	B	Fee / Tax code
1			A27RE12	1	A	Refund / Reissue indicator
1			A27IA12	1	A	Interline fee indicator
1			A27CM12	1	A	Commission indicator
1			A27SC12	6	A	Fee sub-code
1			A27CN12	10	A	Fee commercial name
1			A27VA13	8	B/S	Fee / Tax value



Level	Hex	Dec	Label	Bytes	Type	Description
1			A27CD13	3	B	Fee / Tax code
1			A27RE13	1	A	Refund / Reissue indicator
1			A27IA13	1	A	Interline fee indicator
1			A27CM13	1	A	Commission indicator
1			A27SC13	6	A	Fee sub-code
1			A27CN13	10	A	Fee commercial name
1			A27VA14	8	B/S	Fee / Tax value
1			A27CD14	3	B	FEE /TAX CODE
1			A27RE14	1	A	Refund / Reissue indicator
1			A27IA14	1	A	Interline fee indicator
1			A27CM14	1	A	Commission indicator
1			A27SC14	6	A	Fee sub-code
1			A27CN14	10	A	Fee commercial name
1			A27VA15	8	B/S	Fee / Tax value
1			A27CD15	3	B	Fee / Tax code
1			A27RE15	1	A	Refund / Reissue indicator
1			A27IA15	1	A	Interline fee indicator
1			A27CM15	1	A	Commission indicator
1			A27SC15	6	A	Fee sub-code
1			A27CN15	10	A	Fee commercial name
1			A27VA16	8	B/S	Fee / Tax value
1			A27CD16	3	B	Fee / Tax code
1			A27RE16	1	A	Refund / Reissue indicator
1			A27IA16	1	A	Interline fee indicator
1			A27CM16	1	A	Commission indicator
1			A27SC16	6	A	Fee sub-code
1			A27CN16	10	A	Fee commercial name
1			A27VA17	8	B/S	Fee / Tax value



Level	Hex	Dec	Label	Bytes	Type	Description
1			A27CD17	3	B	Fee / Tax code
1			A27RE17	1	A	Refund / Reissue indicator
1			A27IA17	1	A	Interline fee indicator
1			A27CM17	1	A	Commission indicator
1			A27SC17	6	A	Fee sub-code
1			A27CN17	10	A	Fee commercial name
1			A27VA18	8	B/S	Fee / Tax value
1			A27CD18	3	B	Fee / Tax code
1			A27RE18	1	A	Refund / Reissue indicator
1			A27IA18	1	A	Interline fee indicator
1			A27CM18	1	A	Commission indicator
1			A27SC18	6	A	Fee sub-code
1			A27CN18	10	A	Fee commercial name
1			A27VA19	8	B/S	Fee / Tax value
1			A27CD19	3	B	Fee / Tax code
1			A27RE19	1	A	Refund / Reissue indicator
1			A27IA19	1	A	Interline fee indicator
1			A27CM19	1	A	Commission indicator
1			A27SC19	6	A	Fee sub-code
1			A27CN19	10	A	Fee commercial name
1			A27VA20	8	B/S	Fee / Tax value
1			A27CD20	3	B	Fee / Tax code
1			A27RE20	1	A	Refund / Reissue indicator
1			A27IA20	1	A	Interline fee indicator
1			A27CM20	1	A	Commission indicator
1			A27SC20	6	A	Fee sub-code
1			A27CN20	10	A	Fee commercial name



Level	Hex	Dec	Label	Bytes	Type	Description
Note: Carriage Return "A27C02" is a floating carriage return related to Fees and Taxes on Fees information. This carriage return is located after the last Ticketing Fee and Tax on Fee field for the section. If no Fee and/or Tax on Fee information exists, this carriage return is omitted.						
1			A27C02	1	S	Carriage return This carriage return indicates the end of the Carrier Fees and Taxes on Fees Section and follows the last field in this section, whether it is the Fee and Tax on Fee field or Fare Section Indicator for Fees and Taxes on Fees field.

A28 Other Fare Level Section

In Travelport+ the [MIR Options table](#) can be used to determine whether this section is sent, or not.

This section will contain different levels of the fare (Net/Sell) if they exist. Travelport+ only.

Level	Hex	Dec	Label	Bytes	Type	Description
Note: All Other Fare Level values are blank filled, right justified, with the appropriate decimal place. Also, only one Other Fare Level Section is transmitted for each fare type.						
1	00	00	A28SEC	3	B	Section label "A28"
1	03	03	A28FSI	2	N	Fare section indicator This indicator identifies which fare is associated with which passenger. This number should match the related passenger number found in the "Associated Fare Item Number for Passenger," (label A02FIN) in the Passenger Data Section (A02).
1	05	05	A28LVL	1	A	Fare level indicator S – Sell Level
1	06	06	A28CRB	3	A	Currency code for fare basis
1	09	09	A28TBF	12	N/S	Base fare amount
1	15	21	A28CRT	3	A	Currency code for total amount
1	18	24	A28TTA	12	N/S	Total amount



Level	Hex	Dec	Label	Bytes	Type	Description
1	24	36	A28CRE	3	A	Currency code for equivalent amount
1	27	39	A28EQV	12	N/S	Equivalent amount This is the Base Fare equivalent amount as calculated from the Currency and Amount in the Base Fare Field.

Note: OPTIONAL DATA** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers to locate desired information.

Note: Only the Tax boxes used are sent in the MIR. Each Tax is preceded by a Tax identifier: T1:, T2:, T3:, T4:, and T5:. If no Taxes apply to the booking ile, the entire Tax portion of this section is omitted. In Travelport+, three Tax boxes are supported.

If an "XT" Tax code appears in any of the above Tax boxes, an additional Individual Tax section with a maximum of 20 Taxes is provided. An XT Tax is an accumulation of all Tax over and above that which appears in the previous Tax boxes, depending on the ticket type. An exception is the Italian BSP, which uses Tax box 3 for VAT. The presence of an Exempt Tax will transmit the word "EXEMPT" in the Tax value field, with the appropriate Tax code in the Tax code field.

1			A28CUR	3	A	Currency for taxes
1			A28TI1	3	B/S	Tax 1 identifier – T1:
1			A28TT1	8	B/S	Tax 1
1			A28TC1	2	B	Tax 1 tax code
1			A28TI2	3	B/S	Tax 2 identifier – T2:
1			A28TT2	8	B/S	Tax 2
1			A28TC2	2	B	Tax 2 tax code
1			A28TI3	3	B/S	Tax 3 identifier – T3:
1			A28TT3	8	B/S	Tax 3
1			A28TC3	2	B	Tax 3 tax code
1			A28TI4	3	B/S	Tax 4 identifier – T4: This is never generated by Travelport+.
1			A28TT4	8	B/S	Tax 4 This is never generated by Travelport+.
1			A28TC4	2	B	Tax 4 tax code This is never generated by Travelport+.
1			A28TI5	3	B/S	Tax 5 identifier – T5: This is never generated by Travelport+.
1			A28TT5	8	B/S	Tax 5



Level	Hex	Dec	Label	Bytes	Type	Description
						This is never generated by Travelport+.
1			A28TC5	2	B	Tax 5 tax code This is never transmitted by Travelport+.
1			A28CO1	1	S	Carriage return

<p>Note: Carriage Return "A28C01" is a floating carriage return related to the Other Fare Level Section information. This carriage return is located after the last Tax item (either General Taxes or PFCs, if they exist). If no Tax information exists, this carriage return follows the Equivalent Amount field (A28EQV).</p>						
1			A28ITT	3	A/S	Individual Tax identifier – IT:
1			A28IT1	8	B/S	Individual Tax 1
1			A28IT1C	2	B	Individual Tax 1 Tax code
1			A28IT2	8	B/S	Individual Tax 2
1			A28IT2C	2	B	Individual Tax 2 Tax code
1			A28IT3	8	B/S	Individual Tax 3
1			A28IT3C	2	B	Individual Tax 3 Tax code
1			A28IT4	8	B/S	Individual Tax 4
1			A28IT4C	2	B	Individual Tax 4 Tax code
1			A28IT5	8	B/S	Individual Tax 5
1			A28IT5C	2	B	Individual Tax 5 Tax code
1			A28IT6	8	B/S	Individual Tax 6
1			A28IT6C	2	B	Individual Tax 6 Tax code
1			A28IT7	8	B/S	Individual Tax 7
1			A28IT7C	2	B	Individual Tax 7 Tax code
1			A28IT8	8	B/S	Individual Tax 8
1			A28IT8C	2	B	Individual Tax 8 Tax code
1			A28IT9	8	B/S	Individual Tax 9
1			A28IT9C	2	B	Individual Tax 9 Tax code
1			A28IT10	8	B/S	Individual Tax 10
1			A28IT10C	2	B	Individual Tax 10 Tax code



Level	Hex	Dec	Label	Bytes	Type	Description
1			A28IT11	8	B/S	Individual Tax 11
1			A28IT11C	2	B	Individual Tax 11 Tax code
1			A28IT12	8	B/S	Individual Tax 12
1			A28IT12C	2	B	Individual Tax 12 Tax code
1			A28IT13	8	B/S	Individual Tax 13
1			A28IT13C	2	B	Individual Tax 13 Tax code
1			A28IT14	8	B/S	Individual Tax 14
1			A28IT14C	2	B	Individual Tax 14 Tax code
1			A28IT15	8	B/S	Individual Tax 15
1			A28IT15C	2	B	Individual Tax 15 Tax code
1			A28IT16	8	B/S	Individual Tax 16
1			A28IT16C	2	B	Individual Tax 16 Tax code
1			A28IT17	8	B/S	Individual Tax 17
1			A28IT17C	2	B	Individual Tax 17 Tax code
1			A28IT18	8	B/S	Individual Tax 18
1			A28IT18C	2	B	Individual Tax 18 Tax code
1			A28IT19	8	B/S	Individual Tax 19
1			A28IT19C	2	B	Individual Tax 19 Tax code
1			A28IT20	8	B/S	Individual Tax 20
1			A28IT20C	2	B	Individual Tax 20 Tax code
1			A28C02	1	S	Carriage return
Note: Carriage Return "A28C02" is a floating carriage return related to the Individual Tax information in the Fare Value Section. This carriage return is located after the last Individual Tax field for the section. If no Individual Tax information exists, this carriage return is omitted.						
1			A28ETT	3	A/S	Expanded Individual Tax identifier ET:
1			A28ET1	11	B/S	Expanded Individual Tax 1
1			A28ET1C	2	B	Expanded Individual Tax 1 Tax code
1			A28ET2	11	B/S	Expanded Individual Tax 2



Level	Hex	Dec	Label	Bytes	Type	Description
1			A28ET2C	2	B	Expanded Individual Tax 2 Tax code
1			A28ET3	11	B/S	Expanded Individual Tax 3
1			A28ET3C	2	B	Expanded Individual Tax 3 Tax code
1			A28ET4	11	B/S	Expanded Individual Tax 4
1			A28ET4C	2	B	Expanded Individual Tax 4 Tax code
1			A28ET5	11	B/S	Expanded Individual Tax 5
1			A28ET5C	2	B	Expanded Individual Tax 5 Tax code
1			A28ET6	11	B/S	Expanded Individual Tax 6
1			A28ET6C	2	B	Expanded Individual Tax 6 Tax code
1			A28ET7	11	B/S	Expanded Individual Tax 7
1			A28ET7C	2	B	Expanded Individual Tax 7 Tax code
1			A28ET8	11	B/S	Expanded Individual Tax 8
1			A28ET8C	2	B	Expanded Individual Tax 8 Tax code
1			A28ET9	11	B/S	Expanded Individual Tax 9
1			A28ET9C	2	B	Expanded Individual Tax 9 Tax code
1			A28ET10	11	B/S	Expanded Individual Tax 10
1			A28ET10C	2	B	Expanded Individual Tax 10 Tax code
1			A28ET11	11	B/S	Expanded Individual Tax 11
1			A28ET11C	2	B	Expanded Individual Tax 11 Tax code
1			A28ET12	11	B/S	Expanded Individual Tax 12
1			A28ET12C	2	B	Expanded Individual Tax 12 Tax code
1			A28ET13	11	B/S	Expanded Individual Tax 13
1			A28ET13C	2	B	Expanded Individual Tax 13 Tax code
1			A28ET14	11	B/S	Expanded Individual Tax 14
1			A28ET14C	2	B	Expanded Individual Tax 14 Tax code
1			A28ET15	11	B/S	Expanded Individual Tax 15
1			A28ET15C	2	B	Expanded Individual Tax 15 Tax code
1			A28ET16	11	B/S	Expanded Individual Tax 16



Level	Hex	Dec	Label	Bytes	Type	Description
1			A28ET16C	2	B	Expanded Individual Tax 16 Tax code
1			A28ET17	11	B/S	Expanded Individual Tax 17
1			A28ET17C	2	B	Expanded Individual Tax 17 Tax code
1			A28ET18	11	B/S	Expanded Individual Tax 18
1			A28ET18C	2	B	Expanded Individual Tax 18 Tax code
1			A28ET19	11	B/S	Expanded Individual Tax 19
1			A28ET19C	2	B	Expanded Individual Tax 19 Tax code
1			A28ET20	11	B/S	Expanded Individual Tax 20
1			A28ET20C	2	B	Expanded Individual Tax 20 Tax code
1			A28C03	1	S	Carriage return

Note: Carriage Return "A28C03" is a floating carriage return related to the Expanded Individual Tax Information in the Other Fare Level Section. This carriage return is located after the last Individual Tax field for the section. If no Expanded Individual Tax information exists, this carriage return is omitted.

1			A28C04	1	S	Carriage return This carriage return indicates the end of the Other Fare Value Section and follows the last field in this section, whether it is the Equivalent Fare field, or a Tax field.
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A29 EMD Data Section

In Travelport Apollo System/Travelport+, the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Level	Hex	Dec	Label	Bytes	type	Description
1			A29SEC	3	B	Section label "A29"
1			A29PAX	2	N	Passenger number Applies to the passenger name number from the PNR/BF.
1			A29SEG	2	N	Segment number



Level	Hex	Dec	Label	Bytes	type	Description
						For an SVC segment this is the itinerary index number of the optional service segment. For an SSR ASVC this is the itinerary index number of the air segment to which the optional service(s) is requested.
1			A29SVC	4	A	Type of service SVC ASVC
1			A29BKI	1	A	Booking indicator A = Automated M = Manual
1			A29EID	1	A	EMD identifier S = EMD-S A = EMD-A
1			A29RFI	1	B	Reason for issuance code
1			A29NAM	55	B	Passenger name
1			A29EMD	13	N	EMD number
1			A29CNJ	13	N	EMD number conjunctive
1			A29VCR	2	B	Validating carrier
1			A29CBA	3	A	Currency code for EMD base amount
1			A29BAM	12	N/S	EMD base amount
1			A29CEA	3	A	Currency code for EMD equivalent amount
1			A29EAM	12	N/S	EMD equivalent amount
1			A29CTX	3	A	Currency code for EMD total tax amount
1			A29TAM	12	N/S	EMD total tax amount
1			A29CTA	3	A	Currency code for EMD total amount
1			A29TLA	12	N/S	EMD Total amount
1			A29BSR	13	B	Banker's selling rate (BSR)
1			A29TYP	2	A	Form of payment type
1			A29AMT	12	N/S	Form of payment amount



Level	Hex	Dec	Label	Bytes	type	Description
1			A29ACI	1	A	Approval code indicator Travelport Apollo System: M = Manually entered Blank = Link generated Travelport+: blank filled.
1			A29APC	8	B	Approval code (credit card)
1			A29C01	1	S	Carriage return

Note: Carriage Return "A29C01" directly follows the last fixed data element in the EMD Data Section of the MIR.

****EMD DATA**** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers to locate desired information.

1			A29EDS	243	I	EMD variable data section
2			A29EDI	3	A/S	EMD variable data identifier ED-
2			A29EMD	240	B/S	EMD variable data Any or all of the EMD data elements can exist in the EMD Variable data section with a maximum of 220 characters.

Data Identifier	Variable Data Description	Max Field Size Including Data Identifier	Example
/FP2-	Form of payment 2 type	7	/FP2-
/FPA2-	Form of payment 2 amount	18	/FPA2-
/FPI2-	Approval code 2 Indicator	6	/FPI2-M
/AP2-	Approval code 2 (credit card)	13	/AP2-
/FP3-	Form of payment 3 type	7	/FP3-
/FPA3-	Form of payment 3 amount	18	/FPA3-
/FPI3-	Approval code 3 Indicator	6	/FPI2-M



Level	Hex	Dec	Label	Bytes	type	Description
/AP3-		Approval code 3 (credit card)		13	/AP3-	
/IT-		IT tour code		19	/IT-	
/ER-		Endorsement data		151	/ER-	
/RL-		Related ticket number		17	/RL-	
/CM-		Commission amount		15	/CM-	
/CP-		Commission rate (percentage)		9	/CP-	
1			A29C02	1	S	Carriage return

Carriage Return "A29C02" is a floating carriage return that applies to the EMD Variable Data item. It directly follows the last Variable Data element transmitted and may be omitted if no EMD Variable Data exists for this EMD.						
1			A29C02	1	S	Carriage return This carriage return indicates the end of the EMD Data Section and follows the last EMD Data item in this section.

A30 EMD Coupon Data

In Travelport Apollo System/Travelport+, the [MIR Options table](#) can be used to determine whether this section is sent, or not.

Level	Hex	Dec	Label	Bytes	Type	Description
1			A30SEC	3	B	Section label "A30"
1			A30PAX	2	N	Passenger number Applies to the passenger name number from the PNR/BF.
1			A30SEG	2	N	Segment number For an SVC segment this is the itinerary index number of the optional service segment.



Level	Hex	Dec	Label	Bytes	Type	Description
						For an SSR ASVC this is the itinerary index number of the air segment to which the optional service(s) is requested.
1			A30CPN	1	N	Coupon number
1			A30EMD	13	N	EMD number for coupon
1			A30AIR	2	B	Service provider (carrier code)
1			A30OCC	3	A	Location (origin/board point)
1			A30DAT	5	B	Date of service (Format: DDMMM)
1			A30REQ	2	N	Number of services requested
1			A30RFC	3	B	Reason for issuance sub-code
1			A30FOR	30	B	Commerical name
1			A30CUN	3	A	Currency code per unit
1			A30UNT	3	N	Unite number for excess baggage
1			A30RAT	12	N/S	Rate for excess baggage
1			A30QAL	1	A	Qualifier for excess baggage
1			A30CBA	3	A	Currency code for base amount
1			A30BAM	12	N/S	Base amount
1			A30CEA	3	A	Currency code for equivalent amount
1			A30EAM	12	N/S	Equivalent base amount
1			A30CTX	3	A	Currency code for tax
1			A30TX1	8	B/S	Tax 1 amount
1			A30TC1	2	B	Tax 1 tax code
1			A30TX2	8	B/S	Tax 2 amount
1			A30TC2	2	B	Tax 2 tax code



Level	Hex	Dec	Label	Bytes	Type	Description
1			A30TX3	8	B/S	Tax 3 amount
1			A30TC3	2	B	Tax 3 tax code
1			A30CTA	3	A	Currency code for total amount
1			A30TLA	12	N/S	Total amount
1			A30ATK	13	N	Associated ticket number
1			A30C01	1	S	Carriage return

Note: Carriage Return "A30C01" is a floating carriage return related to the EMD Coupon Data item. This carriage return is located after the last data element in this item.

****EMD DATA**** "Hex" and "Dec" are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers to locate desired information.

1			A30ECD	83	I	EMD variable coupon data section
2			A30ECI	3	A/S	EMD variable coupon data identifier EC-
2			A30ECP	80	B/S	EMD variable coupon data Any or all of the EMD Variable Coupon Data elements can exist in the Variable Coupon Data item with a maximum of 80 characters.

Data Identifier	Variable Data Description	Max Field Size Including Data Identifier	Example			
/NC-	NON-COMMISSIONABLE Y = Non-Commissionable	5	/NC-Y			
/NI-	NON-INTERLINABLE Y = Non-Interlinable	5	/NI-Y			
/NR-	NON-REISSUABLE/EXCHANGEABLE Y = Non-Reissuable/Exchangeable	5	/NR-N			
1			A30C02	1	S	Carriage return



Level	Hex	Dec	Label	Bytes	Type	Description

Note: The EMD Coupon Data item will be repeated for each coupon in an EMD.						
Carriage Return "A30C02" is a floating carriage return that applies to the EMD Variable Coupon Data item. It directly follows the last Variable Coupon Data element transmitted and may be omitted if no Variable Coupon Data exists.						
1			A30C02	1	S	Carriage return This carriage return indicates the end of the EMD Coupon Data Section and follows the last EMD Coupon Data item in this section.

All MIR samples are provided for illustration purposes only. They are provided as illustrative examples of system functionality.

Sample Travelport+ EMDI MIR for EMD SVC Optional Services

```
T51G773392013130026001MAR121742 DL006DELTA AIR LINES INC. 14MAR12CCCF14C5F9F2
XB7 XB702345243 WMJRQW C1002N02AG01MAR1200001MAR12007
000000000000 AUD00000000 00000000 00000000 00000000 00000000 000000000000
NNNNN5NNNAYF NNNX AU
0000000010000020000000000000001001000001000001000

A02MATHISON/KEVINMR 2 00 N
EN:MATHISON/KEVINMR

A0401DL006DELTA AIR LI1746Y HK14MAR0735 0925 2ATL ATLANTA MIAMIAMI DN 00 757 S
00597F TK:NJT:01.50ANL:DELTA AIR LINES INC.
A0403DL006DELTA AIR LI 891Y HK20MAR0630 0830
2MIAMIAMI ATL ATLANTA DN 00 M88 00597F TK:NJT:02.00ANL:DELTA AIR LINES INC.

A11CC NAX371019000002004 0000 P:01

A12SYDT /02 3333 4444 GALILEO TESTING

A14VL -170901MARATLRMDLGT0J6A///SWI/DL/A/GB
```



A290102SVC
 MSFMATHISON/KEVINMR 0069012000327 DLAUD 7
 5.00 AUD 75.00 CC 75.00M678767
 ED-/RL-0069901167326

A30010210069012000327DLMIA14MAR01E23TOUR
 DEPOSIT AUD 75.00
 AUD 75.000069901167326

Sample Travelport Apollo System EMDI MIR for EMD SVC Optional Services

T51V588092012010871528OCT110232PBA125BRITISH AIRWAYS 10DEC110402F6F32602
 14H314H314537482BSJR1K0 C01030NAGAG28OCT1100028OCT11005
 USD0000000000002USD00000000 00000000 00000000 00000000 00000000 000000000000
 NNYYN0NNNAYF NNNXNNNNNN
 0000000010000020000000000000001001000000000000000

A02SMITH/JOHN 301000737061 01
 EN:SMITH/JOHN

A0401BA125BRITISH AWYS0294Y HK10DEC0505P0645A3ORDCHICAGO/OHARELHRLON /
 HEATHROIN 00 7775 03953F1ANL:BRITISH AIRWAYS
 A0403BA125BRITISH AWYS0295Y HK15DEC1130A0210P2LHRLON /
 HEATHROORDCHICAGO/OHAREIN 00 7775 03953F2ANL:BRITISH AIRWAYS

A11CC000000000.00NAX371019000002004 0000

A12CHIAS/

A290101SVC
 MSASMITH/JOHN 1258021000022 BAUSD 2
 5.00 USD 25.00 CC 25.00M1234
 ED-/ER-VALID BA ONLY/RL-1257992505113 /CM- 2.00

A30010111258021000022BAORD10DEC01ST1SEAT
 ASSIGNMENT USD 25.00
 USD 25.001257992505113



A31 Rail Section

When the MIR options Table RAIL DATA option are set to 'Y' (Yes), the data elements normally transmitted from the TUR-Rail segments to the A16 MIR section and the data elements from the TUR-Rail segment's Associate Remarks normally transmitted to the A15 MIR section, are suppressed and alternately transmitted in the Travelport+ A31 Rail Data MIR section. In Travelport Apollo System/Travelport+ the [MIR Options table](#) can be used to determine whether this section is sent, or not.

A31 Rail Data Elements - TUR-Rail Segments and Associated Remarks

The following data elements when included in the TUR-Rail segment will be mapped to the new A31 Rail Data section of the Galileo MIR when the RAIL DATA MIR Option is set to 'Y'.

TUR - Rail Data Element	Definition
23JUN	Departure Date
/TYP-TRN	Rail Segment Identifier
S	Segment Identifier
nn	Segment Number of Rail Segment (Not the Booking File Segment Number)
L	Leg Identifier
nn	Leg Number
x	Journey type Return Journey: 'O' for Outbound Legs and 'R' for Return Legs No Return Journey: 'S' for Single Legs
x	Domestic/International Indicator D = Domestic I = International Blank = Not Known
/CL-xx	Class of Service
/DEP-	Departure City
/TD-	Time of Departure
/DTA-	Date of Arrival
/TA-	Time of Arrival
/ARR-	Arrival City
/CF-	Confirmation Number
/TI-	Ticket Image Y/N



TUR - Rail Data Element	Definition
/CX	CX identifier is appended to the TUR segment for 'VOID' (Provider Dependent) and/or 'REFUND/CANCELLED'

Not all data elements included in the TUR-Rail segment will be transmitted in the A31 Rail data section. The following data elements when included in the TUR-Rail will not be mapped to the new A31 Rail Data section of the Travelport+ MIR when the RAIL DATA MIR Option is set to 'Y'.

TUR - Rail Data Element	Definition
TUR	TUR Segment Identifier
ZZ	"Dummy" vendor code
BKnn	Status Code and Number in Party
ZZZ	"Dummy" IATA Departure City

The following data elements when included in the TUR-Rail segment's Associated Remarks will be mapped to the new A31 Rail Data section of the Travelport+ MIR when the RAIL DATA MIR Option is set to 'Y'.

Associated Remarks Data Element	Definition
-X**nn*Refund Amount*Refund Fee	Passenger Association with Refund Amount and Refund Fee
-X**RD*Date*Time	Refund Date and Time
-VT*	Train Number
-EQ*	Equipment Code
-CC*	Marketing vendor code (UIC Code)
-AN*	Marketing vendor name
-VC*	Operating vendor code (UIC Code)
-ON*	Operating vendor name
-WSnn*nn*nnnn	Accommodation (e.g. Passenger nn, Coach nn, Seat/Berth nnnn)
-ACT*	Current Action (e.g., TICKETED, VOID or REFUND/CANCELLED)
-FB*nn*nn*Fare Basis*Rate Description	Fare Basis with Passenger Association, Sequence Number, Fare Basis and Rate Description



Associated Remarks Data Element	Definition
-RTD*	Rate Description (No longer applicable as associated remark)
-CUR*	Currency Code
-FPA*	Final Payment Amount
-FPD*	Final Payment Date
-PAY*	Type of Payment (e.g. CC, DC, CA, AC)
-FOP*	Form of Payment
-FTnn*	Frequent Traveller Number for Passenger nn
-CC1*	Departure Point UIC Code
-CC2*	Arrival Point UIC Code
-PT*	Product Type (e.g. DV, IV, CV) (No longer applicable as associated remark)
-TTY*	Ticket Type (e.g. E-Ticket, Paper)
-DEL*	Delivery Method (e.g. KIOSK, MAIL)
-TKD*	Open Ticket (e.g. O)
-TKB*	Ticketing Branch ID (PCC)
-CO2*	Carbon Footprint
-TKnnnnnn*	Ticket Number (e.g. Passenger nn, Segment nn, Leg nn) (No longer applicable as associated remark)
TK*nn*nn*nnnnnnnnnnnnnn*xx*xxxx* nnnnn.nn	Ticket Number (e.g. Passenger Association, Sequence Number, Ticket Number, Product Type, Traffic Type and Sales Amount)

Not all data elements included in the TUR-Rail segment's Associated Remarks will be transmitted in the A31 Rail data section. The following data elements when included in the TUR-Rail segment's Associated Remarks will not be mapped to the new A31 Rail Data section of the Travelport+ MIR when the RAIL DATA MIR Option is set to 'Y'.

Associate Remarks Data Element	Definition
-CBN*	Cabin
-SPA*	Sales Amount (Will now be included in MIR)



Associate Remarks Data Element	Definition
-FDA*	Amount of Deposit
-DUE*	Amount Due if Deposit Taken
-FEE*	Penalty Fee for Cancel/Modify
-CNM*	Name on Credit Card
-CD*	Corporate ID
-P*	Discount Program Name
-SR*	Service Request
-STnn*	Stock Control Number for Ticket nn
-FF1*	Free Format Text
-FF2*	Free Format Text
-FF3*	Free Format Text
-FF4*	Free Format Text
-X**	Free Text Remarks

[TUR - Rail Segments are in TUR Passive section.](#)

Level	Hex	Dec	Label	Bytes	Type	Description
1			A31SEC	3	B	Section label A31
1			A31NME	2	N	Transportation type 20 = Rail
1			A31SEG	1	A	Segment identifier
1			A31NUM	2	N	Itinerary index number (Segment Number of Rail Segments) Segments are numbered sequentially. The numbering is assigned by Travelport Smartpoint for Rail. It does not necessarily reflect the segment numbers as seen in the PNR.
1			A31LEG	1	A	Leg Identifier
1			A31LID	2	N	Leg number Leg numbers refer to the segment to which they are associated.



Level	Hex	Dec	Label	Bytes	Type	Description
						E.g. segment 01 Maidenhead/Swindon has two legs Maidenhead/Reading and Reading/Swindon. The legs will be numbered 01, 02.
1			A31JTP	1	A	Journey type If it is a return journey (RT), the 'journey type code' will be 'O' for outbound Legs and 'R' for return Legs. If not a return journey, the 'journey type code' will be 'S' for single for all Legs.
1			A31DOM	1	A	Domestic/International indicator INPUT: Blank or D or I
1			A31B01	1	B	Blank filled
1			A31MVC	4	B/S	Marketing vendor code (UIC Code)
1			A31PNR	8	B/S	Vendor PNR
1			A31FLT	5	B/S	Service number Train number where available.
1			A31B02	1	B	Blank filled
1			A31CLS	2	B/S	Class of service For domestic rail the codes will generally be: 1 = First class 2 = Second or Standard class Eurostar will use A = First class B = Second Class Note that individual operators may add new codes without prior notice and that those codes may be alpha or numeric or any combination.
1			A31C01	1	S	Carriage return
Level	Hex	Dec	Label	Bytes	Type	Description
1			A31DTES	7	B	Departure date (Format: DDMMYY)
1			A31TME	4	B/S	Departure time 24 hour clock is used, left justified. Departure time will not be present in Rail MIR in the following cases. Domestic Segments (i.e. as opposed to domestic legs where it will be included) and ERS open segments.



Level	Hex	Dec	Label	Bytes	Type	Description
1			A31B03	1	B	Blank filled
1			A31ARV	7	B/S	Arrival date (Format: DDMMYY)
1			A31ATM	4	B/S	Arrival time 24 hour clock is used, left justified. Arrival date and time will not be present in Rail MIR in the following cases. Domestic Segments (i.e. as opposed to domestic legs where it will be included) and ERS open segments.
1			A31B04	1	B	Blank filled
<p>Rail Vendors: e.g. Deutsch Bahn (DB), BeNe (BN) and thetrainline.com (TTL) use different coding schemes. The following are the codes for London St Pancras: DB 7015550, BeNe GBSPX, TTL STP.</p> <p>Travelport Smartpoint for Rail supports a single normalised coding scheme, based on UIC (International Union of Railways) coding. The code for London St Pancras is U7015550.</p>						
1			A31OCI	29	I	Origin city information
2			A31OIC	8	B/S	Origin city UIC code
2			A31OCN	21	B/S	Origin city name
1			A31DCI	29	I	Destination city information
2			A31DIC	8	B/S	Destination city UIC code
2			A31DCN	21	B/S	Destination city name
1			A31C02	1	S	Carriage return
1			A31MVN	21	B/S	Marketing vendor name
1			A31OVC	4	B/S	Operating vendor code
1			A31OVN	21	B/S	Operating vendor name
1			A31EQP	11	B/S	Equipment type (e.g., TGV, 320)
1			A31B05	1	B	Blank filled
1			A31CO2	4	B/S	Carbon footprint
1			A31OID	15	B/S	Operation ID (e.g., Final Ticket, Exchange, Refund)
1			A31C03	1	S	Carriage return



Level	Hex	Dec	Label	Bytes	Type	Description
1			A31SEC	3	B	Section label A31
1			A31NME	2	N	Transportation type 20 = Rail
1			A31SEG	1	A	Segment identifier EGMENT
1			A31NUM	2	N	Itinerary index number (segment number of rail segments) Segments are numbered sequentially. The numbering is assigned by Travelport Smartpoint for Rail. It does not necessarily reflect the segment numbers as seen in the PNR.
1			A31LEG	1	A	Leg identifier
1			A31LID	2	N	Leg number Leg numbers refer to the segment to which they are associated. E.g. segment 01 Maidenhead/Swindon has two legs Maidenhead/Reading and Reading/Swindon. The legs will be numbered 01, 02.
1			A31JTP	1	A	Journey type If it is a return journey (RT), the 'journey type code' will be 'O' for outbound Legs and 'R' for return Legs. If not a return journey, the 'journey type code' will be 'S' for single for all Legs.
1			A31DOM	1	A	Domestic/International indicator INPUT: Blank or D or I
1			A31B01	1	B	Blank filled
1			A31MVC	4	B/S	Marketing vendor code (UIC Code)
1			A31PNR	8	B/S	Vendor PNR
1			A31FLT	5	B/S	Service number Train number where available.
1			A31B02	1	B	Blank filled
1			A31CLS	2	B/S	Class of service For domestic rail the codes will generally be: 1 = First class 2 = Second or Standard class Eurostar will use



Level	Hex	Dec	Label	Bytes	Type	Description
						A = First class B = Second Class Note that individual operators may add new codes without prior notice and that those codes may be alpha or numeric or any combination.
1			A31C01	1	S	Carriage return
1			A31DTES	7	B	Departure date (Format: DDMMYY)
1			A31TME	4	B/S	Departure time 24 hour clock is used, left justified. Departure time will not be present in Rail MIR in the following cases. Domestic Segments (i.e. as opposed to domestic legs where it will be included) and ERS open segments.
1			A31B03	1	B	Blank filled
1			A31ARV	7	B/S	Arrival date (Format: DDMMYY)
1			A31ATM	4	B/S	Arrival time 24 hour clock is used, left justified. Arrival date and time will not be present in Rail MIR in the following cases. Domestic Segments (i.e. as opposed to domestic legs where it will be included) and ERS open segments.
1			A31B04	1	B	Blank filled
<p>Rail Vendors: e.g. Deutsch Bahn (DB), BeNe (BN) and thetrainline.com (TTL) use different coding schemes. The following are the codes for London St Pancras: DB 7015550, BeNe GBSPX, TTL STP.</p> <p>Travelport Smartpoint for Railsupports a single normalised coding scheme, based on UIC (International Union of Railways) coding. The code for London St Pancras is U7015550.</p>						
1			A31OCI	29	I	Origin city information
2			A31OIC	8	B/S	Origin city UIC code
2			A31OCN	21	B/S	Origin city name
1			A31DCI	29	I	Destination city information
2			A31DIC	8	B/S	Destination city UIC code
2			A31DCN	21	B/S	Destination city name
1			A31C02	1	S	Carriage return



Level	Hex	Dec	Label	Bytes	Type	Description
1			A31MVN	21	B/S	Marketing vendor name
1			A31OVC	4	B/S	Operating vendor code
1			A31OVN	21	B/S	Operating vendor name
1			A31EQP	11	B/S	Equipment type (e.g., TGV, 320)
1			A31B05	1	B	Blank filled
1			A31CO2	4	B/S	Carbon footprint
1			A31OID	15	B/S	Operation ID (e.g., Final Ticket, Exchange, Refund)
1			A31C03	1	S	Carriage return

Level	Hex	Dec	Label	Bytes	Type	Description
Note: Amounts do not include decimal place.						
1			A31CUR	3	B/S	Currency code for all amounts
1			A31DEC	1	N	Decimal places
1			A31PAY	2	B/S	Payment type CC = credit card DC = debit card CA = cash AC = account CK = Cheque
1			A31FOP	30	B/S	Form of payment Any credit card numbers will be 'X' (masked) for security purposes. This FOP is when a different FOP is used than the Host FOP in the section higher up.
1			A31B06	1	B	Blank filled
1			A31FTA	12	B/S	Final total amount Note: This field is currently left justified and blank filled.
1			A31C04	1	S	Carriage return



Level	Hex	Dec	Label	Bytes	Type	Description
1			A31FPD	7	B/S	Final payment date Last Date to Ticket (Format: DDMMYY)
1			A31B07	1	B	Blank filled
1			A31FIN	20	B/S	Fare basis code
1			A31B08	1	B	Blank filled
1			A31RTD	30	B/S	Rate description (e.g., Supersaver, Business Saver)
1			A31C05	1	S	Carriage return
1			A31TKI	3	A/S	Ticketed indicator ID TK:
1			A31PAX	2	B/S	Passenger number
1			A31SGT	2	B/S	Segment number
1			A31LGT	2	B/S	Leg number
1			A31B09	1	B	Blank filled
1			A31ATN	15	B/S	Ticket number
1			A31B10	1	B	Blank filled
1			A31TTY	25	B/S	Ticket Type (E-TICKET, PAPER)
1			A31DEL	20	B/S	Delivery method (e.g., KIOSK, MAIL)
1			A31TPT	2	B/S	Product type (e.g., DV, IV, CV)
1			A31OPN	1	B/S	Open ticket Input O or blank
1			A31PCC	4	B/S	PCC of agent that made the ticketing entry
1			A31C06	1	S	Carriage return

Level	Hex	Dec	Label	Bytes	Type	Description
1			A31ACI	3	A/S	Reserved accommodation ID AC:
1			A31PNUM	2	B/S	Passenger number
1			A31AID	5	A/S	Seat accommodation type ID



Level	Hex	Dec	Label	Bytes	Type	Description
						Always hard code SEAT as Berths are also seats.
1			A31ATP	4	B/S	Seat/Berth Accommodation type
1			A31B11	1	B	Blank filled
1			A31CBN	2	B/S	Coach number
1			A31B12	1	B	Blank filled
1			A31FTN	20	B/S	Frequent traveller
1			A31C07	1	S	Carriage return
Note: Carriage Return "A31C07" is a floating carriage return related to the Rail Data item. This carriage return is located after the last Optional Data field present in this Rail Data item.						
1			A31C08	1	S	Carriage return - This carriage return indicates the end of the Rail Data Section and follows the last Rail Data Item.

Unless otherwise specified, the following values will apply to the MIR specification:

- Alpha (TYPE A) fields are blank filled and left justified.
- Numeric (TYPE N) fields are zero filled and right justified.
- Alpha/Numeric (TYPE B) fields are blank filled and left justified.
- Alpha/Numeric with Special Character (TYPE B/S) are blank filled and left justified.

Each leg of the journey will have its own TUR-Rail segment. Associated Remarks that apply to all TUR-Rail segments will only be associated to the first TUR-Rail segment.

When the RAIL DATA MIR option is set to 'Y', any TUR-Rail segment and Associated Remarks data identifiers and data elements not defined in the A31 Rail Data MIR specification will be ignored and not included in the MIR. When the RAIL DATA MIR Option is set to 'N', all TUR-Rail segment and Associated Remarks data identifiers and data elements will be included in the A16 Auxiliary Segments and A15 Associated/Unassociated Remarks sections of the Travelport+ MIR.

If a TUR-Rail segment's Associated Remarks are manually updated and a duplicate Associated Remark identifier is encountered in the array of Associated Remarks, the last duplicate Associated Remark identifier in the array of Associated Remarks will be transmitted in the A31 MIR section when the RAIL DATA MIR option is set to 'Y'.

If a TUR-Rail segment and/or Associated Remark is manually modified and its data elements exceed the A31 Rail Data MIR specification, the data within the defined MIR field will be truncated from right to left.

Sample Travelport+ MIR (MIR Option RAIL DATA 'Y')

Single Passenger, Single Leg Journey (OW)



Sample Booking File

5274PE/02 XDBKR C000005 AG 99999992 22JUL

1.1TRAVELER/RAIL

1. TUR ZZ BK1 ZZZ 18AUG-/TYP-TRN/S01L01SD/CL-02/DEP-ROMA TERMI
NI/TD-2220/DTA-19AUG/TA-0140/ARR-MILANO CENTRALE/CF-R9517652

** ITINERARY REMARKS DATA EXISTS ** >*RI.

FONE-LONT/

TKTG-T*

>

Sample Associated Remarks

** ITINERARY REMARKS **

ASSOCIATED ITINERARY REMARKS

1. TOUR ZZ 18AUG ZZZ
 1. VT*9544
 2. EQ*RAIL COACH
 3. CC*9595
 4. AN*RAIL ITALY
 5. VC*9595
 6. ON*RAIL ITALY
 7. WS01*02*10B
 8. ACT*FINAL TICKET
 9. FB*SPRECONOMY
 10. RTD*SUPER ECONOMY
 11. CUR*EUR
 12. FPA*79.00
 13. FPD*22JUL
 14. PAY*CC
 15. FOP*AXXXXXXXXXXXXXX2004 EXP 1217
 16. FT01*RR9876543267
 17. CC1*I2345678
 18. CC2*M8765432
 19. PT*DV
 20. TTY*E-TICKET
 21. DEL*KIOSK
 22. TKD*
 23. TKB*XYZZ



Fee issuance.

Level	Hex	Dec	Label	Bytes	Type	Description
Note: All Fare Values are blank filled, right justified, with the appropriate decimal place. Also, only one Section is transmitted for each transaction.						
1	00	00	A32SEC	3	B	Section label "A32"
1	03	03	A32NME	55	A/S	Passenger name For Service Fee document issuance, passenger name from the first issued ticket. If this is a multiple passenger fare in the PNR/Booking File and all tickets are issued in one entry, there is a separate line of data for each remaining passenger associated with Service Fee from the fare.
1	3A	58	A32SFN	13	N	Service Fee Number
1	47	71	A32C01	1	S	Carriage return

1	48	72	A32TBC	3	A	Currency Code for Base Fee
1	4B	75	A32TBF	12	N/S	Base Fee amount
1	57	87	A32TTC	3	A	Currency Code for Total Fee
1	5A	90	A32TTF	12	N/S	Total Fee amount



Level	Hex	Dec	Label	Bytes	Type	Description
1	66	102	A32COA	12	N/S	Commission amount
1	72	114	A32C02	1	S	Carriage return

1	73	115	A32TX1	3	B/S	Tax 1 identifier – T1:
1	76	118	A32TT1	12	B/S	Tax 1
1	82	130	A32TC1	3	B	Tax 1 tax code
1	85	133	A32TX2	3	B/S	Tax 2 identifier – T2:
1	91	145	A32TT2	12	B/S	Tax 2
1	94	148	A32TC2	3	B	Tax 2 tax code
1	97	151	A32TX3	3	B/S	Tax 3 identifier – T3:
1	9A	154	A32TT3	12	B/S	Tax 3
1	A6	166	A32TC3	3	B	Tax 3 tax code
1	A9	169	A32C03	1	S	Carriage return

1	AA	170	A32FTA	12	N/S	Fee amount – Form of Payment
1	B6	182	A32FOP	50	B/S	Form of Payment
1	E8	232	A32C04	1	S	Carriage return

1	E9	233	A32TNI	3	A/S	Related Ticket identifier – RT:



Level	Hex	Dec	Label	Bytes	Type	Description
1	EC	236	A32TKT	13	N	Related ticket number. Always the first ticket in case of multiple tickets.
1	F9	249	A32INI	3	A/S	Related Invoice identifier – RI :
1	FC	252	A32INV	9	B	Related Invoice number
1	105	261	A32C05	1	S	Carriage return

****Additional Passenger Name**** “Hex” and “Dec” are not provided. Maximum field sizes are given. It is suggested that you look for specific identifiers to locate desired information.

1			A32NMI	3	A/S	Related Passenger Name – NM :
1			A32NMX	55	A/S	Passenger name If this is a multiple passenger PNR/Booking File and all tickets are issued in one entry, there is a separate line of data for each remaining passenger associated with Service Fee.
1			A32C06	1	S	Carriage return

Note: The Additional Passenger Name Data item will be repeated for each passenger associated with Service Fee.



Level	Hex	Dec	Label	Bytes	Type	Description
Carriage Return "A32C06" is a floating carriage return that applies to the Additional Passenger Name Data item. It directly follows the last Variable Name Data element transmitted and may be omitted if no Additional Name Data exists.						
1			A32C07	1	S	Carriage return This carriage return indicates the end of the Single Ticket TASF Section

Sample Travelport+ for Single Ticket TASF

```

T51G773392016240726118AUG250514PXX123SAMPLE AIRLINES          21DEC25C
CD050CDD050
ABCDABCD39667644  CMPXBS          E2678N78AG18AUG2500018AUG25003
USD0000002900042USD00000000  00000000  00000000  00000000  00000000  000
000000000
NNNYN5NNYAYH  NNN    US
0000000030000010000000010000010010000010000000000

A02EXAMPLE/ONE          230203435065730869232801A  0001002ADT
  01  N
TL:19AUG25C35:NTD:18AUG25
A02EXAMPLE/TWO          230203436025730869232901A  0001002ADT
  01  N
TL:19AUG25C35:NTD:18AUG25
A02EXAMPLE/THREE          230203437055730869233001A  0001002A
DT  01  N
TL:19AUG25C35:NTD:18AUG25

A0401XX123SAMPLE AIRLI1377Y HK21DEC 615A 959A2DENDENVER          ORDCHICAGO

```



/O HARDNG 00 739 00887F TK:YJT:02.44ANL:SAMPLE AIRLINES INC. D

DL:21DEC25

A0701USD 966.68USD 1054.48 USDT1: 5.60AYT2:

72.50UST3: 9.70XT

IT: 4.50XF 5.20ZP

A080101BAA0ADEN00000000 F:BAA0ADEN E:NONREF/OVA

LUAFTDPT B:0PC

A09010DEN XX CHI Q0.17Q74.42 892.09 USD966.68END ZPDEN XT 72.50US5.

20ZP4.50XF DEN4.5

A11CC 3163.44NAX0000000000000028 0000 1234

A12LONN A

A14VL-171318AUGHDQRMUAGFR5FS

A32EXAMPLE/ONE 8900897312697

USD 60.00USD 66.00 57.90

T1: 6.00AY T2: T3:

66.00CCAX0000000000000028 0000 1234

RT:0167308692328RI:A 0001002

NM:EXAMPLE/TWO

NM:EXAMPLE/THREE



APPENDICES

Appendix A: Linkage and Retransmission

The following formats are used to link an Travelport Apollo System CRT to the MIR device. A series of dots (.....) within the linkage format represents LNIATA numbers.

Links the CRT to the MIR device:	HMLM.....DA
Delinks the CRT from the MIR device:	HMLM/DELINK/A
Displays CRT linkages and determines device status:	HMLD
Places the device in the Up Status:	HMOM.....-U
Counts the number of MIR messages pending and sent:	HQC
Counts the number of MIR messages in the MIR buffer:	HQC.....
Displays the first message pending in the MIR buffer:	HQD.....
Deletes the first message pending in the MIR buffer:	HQX.....
Restarts the MIR buffer:	HQS.....
Displays the first message in the MIR sent queue:	HQB/ACC/DS
Moves to the next message in the MIR sent queue:	HQB/MD
Scrolls down 5 messages in the HQB display:	HQB/MD5
Scrolls up 5 messages in the HQB display:	HQB/MU5
Retransmits/Resends a single MIR from the HQB display:	HQT (Travelport Apollo System)
Retransmits/Resends a single item from a range:	HQT/00125 (Travelport Apollo System)
Retransmits/Resends a range of sequence numbers:	:HQT/00125-00133 (Travelport Apollo System)
Retransmits/Rends a single MIR by passenger:	HQNN/P1 (GCS)



Appendix B: Pricing Passenger Identification Codes (Pics)

These codes are used to store special fare information that is applicable to each individual passenger. The entry in Travelport Apollo System is \$B and in Travelport+ is FQ. It should be noted that whilst this list is comprehensive, not all entries will be used by agents. Where a blank is shown, the entry is not available.

Description	Travelport Apollo System \$B	Travelport+ FQ
DISCOUNT PERCENTAGE SINGLE (ON Travelport Apollo System THIS CAN BE FOLLOWED BY THE TICKET DESIGNATOR EG: DP25/GTDUS25)	DPnn	RPnn
AMOUNT OFF BASE FARE BEFORE TAX (ON Travelport Apollo System THIS CAN BE FOLLOWED BY THE TICKET DESIGNATOR EG: DF25/GTDSR25)	DFnn	FAnn
FARE AMOUNT REDUCTION AFTER TAX	DFTnn	FTnn
ADULT		AD
AGE		Ann
ABONNEMENT	ABB	AB
PUBLISHED ACCOMPANYING ADULT	ACC	
AGENT DISCOUNT CHILD	ACnn	
AGENT DISCOUNT	ADnn	ADnn
GROUP AFFINITY	AFF	GA
AGENT	AGT	
COMPANION WITH AGE	Ann	CPnn
ADULT STANDBY	ASB	
AIR/SEA FARES	ASF	AS
ATTENDANT	ATD	
BLIND ASSOCIATIONS	BLnn	BLnn
MILITARY CATEGORY A	CAA	MA
CATEGORY A CHILD	CCA	
TRAVELING WITH CELLO	CEL	
FREQUENT FLYER CHILD (AGE)	CFYnn	BCnn
CARGO ATTENDANT	CGA	



Description	Travelport Apollo System \$B	Travelport+ FQ
CLERGY STANDBY	CGB	CS
GOVERNMENT/COUNTY EMPLOYEE	CGT	
CLERGY	CLG	CL
COMPANION PRIMARY	CMA	CN
COMPANION SECONDARY	CMP	CP
NORMAL/EXCURSION CHILD (AGE)	Cnn	CH
GROUP INCENTIVE	CNT	GI
COUPON	CPN	
MILITARY CATEGORY Z	CTZ	MZ
NORMAL/EXCURSION ADULT	default	AD
GOVERNMENT DISCOUNT	DGnn	DGnn
DEPT OF DEFENSE MILITARY	DMD	
DEPT OF DEFENSE PERSONNEL	DOD	
DIPLOMATS AND DEPENDENTS	DPD	DP
EMIGRANT	EMI	EM
FEMALES TRAVELLING ALONE	FAF	FM
FREQUENT FLYER ADULT	FFY	BP
FAMILY FARE INFANT	FIN	FI
FAMILY FARE HEAD OF FAMILY	FMP	FP
FAMILY FARE (ACCOMPANYING MEMBER NO. 1)	FP1	FP1
FAMILY FARE (ACCOMPANYING MEMBER NO. 2)	FP2	FP2
FAMILY FARE (ACCOMPANYING MEMBER NO. 3)	FP3	FP3
FAMILY FARE CHILD (AGE)	FPCnn	FCnn
FAMILY FARE YOUTH (AGE)	FZnn	FZnn
GROUP ADVANCE PURCHASE	GAP	GX
GOVERNMENT CONTRACT	GCF	
GOVERNMENT CITY/COUNTY TRAVEL	GCT	



Description	Travelport Apollo System \$B	Travelport+ FQ
GOVERNMENT DEPENDENTS	GDP	
GOVERNMENT EXCHANGE	GEX	
GROUP INFANT	GIN	GB
GROUP INCLUSIVE TOUR	GIT	GV
MILITARY GROUP	GMI	
GROUP CHILD (AGE)	Gnn	GCnn
GOVERNMENT	GOV	DF
GROUP FARES	GRP	GR
GROUP SHIPS CREW	GSC	
GROUP SCHOOL	GSH	
GOVERNMENT STATE EMPLOYEES	GST	DS
GROUP VOCATIONAL	GVC	
GROUP INDEFINED	GVP	
GOVERNMENT TRANSPORTATION ORDERED	GVT	
GOVERNMENT & MILITARY CATZ COMBINED	GZB	ZG
INCLUSIVE TOUR INFANT	IIN	II
INDEPENDENT TOUR	IIT	
INFANT (Travelport+)/INFANT WITHOUT SEAT (Travelport Apollo System)	INF	IN
INDUSTRY DISCOUNT	ID10	
INCLUSIVE TOUR INFANT (AGE)	Inn	ICnn
INFANT WITH SEAT	INS	
INDIVIDUAL SHIP'S CREW	ISC	SC
INCLUSIVE TOURS	ITB	IT
INCLUSIVE TOUR UNDEFINED	ITT	
INDIVIDUAL INCLUSIVE TOUR	ITX	
JOB CORP TRAINEE	JOB	
MILITARY CHARTER	MCR	



Description	Travelport Apollo System \$B	Travelport+ FQ
MILITARY DEPENDENTS	MDP	
MIL DEPENDENTS/STATIONED INSIDE US	MDU	
MIL DEPENDENTS/STATIONED OUTSIDE US	MDX	
MILITARY FAMILY	MIF	
MILITARY	MIL	MM
MILITARY INFANT	MIN	MI
MILITARY RESERVE	MIR	
MISSIONARY	MIS	MY
MILITARY INCLUSIVE TOUR	MIT	
MILITARY JOB CORPS	MJC	
MILITARY CHILD (AGE)	Mnn	MAnn
MILITARY PARENTS/IN LAWS	MPA	
MILITARY RETIREES	MRE	
MILITARY STANDBY	MSB	
MISSIONARY SPOUSE	MSS	MS
MILITARY PERSONNEL BASED IN US	MUS	
MILITARY PERSONNEL BASED OUTSIDE US	MXS	
GROUP NON AFFINITY	NON	GN
NON RESIDENT	NRS	NR
NATO/SHAPE PERSONNEL	NTO	
ORPHAN	ORF	
GROUP OWN USE	OWN	GO
CHARTER ADULT	PCR	CA
PILGRIM	PIL	PG
CHARTER CHILD (AGE)	Pnn	CCnn
PRESS	PSnn	PSnn
RESIDENT ABONNEMENT	RAB	RA



Description	Travelport Apollo System \$B	Travelport+ FQ
RESIDENT SENIOR CITIZEN	RCD	RN
RESIDENT CHILD	RCnn	RB
RESIDENT GOVERNMENT	RDG	RO
MILITARY RECRUIT	REC	
REFUGEE	REF	
RESIDENT	RES	RS
RESIDENT GROUP	RGP	RR
RESIDENT INFANT	RIN	RI
RESIDENT FAMILY PLAN CHILD	RPC	RK
RESIDENT FAMILY PLAN YOUTH	RPD	RY
RESIDENT FAMILY PLAN HEAD OF FAMILY	RPH	RH
RESIDENT FAMILY PLAN INFANT	RPI	RF
RESIDENT FAMILY PLAN 2ND ADULT	RPL	RL
RESIDENT STUDENT	RSD	RU
RESIDENT YOUTH	RYZ	RZ
SENIOR CITIZEN (AGE)	SCnn	CDnn
SEAMAN (PUBLISHED)	SEA	SC
SPOUSE HEAD OF FAMILY (IFQ ONLY)	SH	SH
SEAMAN PUBLISHED (IFQ ONLY)	SMnn	SCnn
SPECIAL FARE	SPL	SP
PUBLISHED SPOUSE	SPS	
SPOUSE ACCOMPANYING	STnn	STnn
STUDENT	STU	SD
SWISS JOURNALIST	SWI	
FOREIGN TOURISM DELEGATE	TEnn	TEnn
TEACHER	TTD	DT
TOUR CONDUCTOR	TUR	



Description	Travelport Apollo System \$B	Travelport+ FQ
ITALIAN AEROSPACE UNION	UGnn	UGnn
CHILD UNACCOMPANIED (AGE)	Unn	CH
VUSA FARE (CHILD)	Vnn	VCnn
VUSA FARE (GROUP)	VUG	
VUSA FARES (ADULT)	VUS	VU
YOUTH CONFIRMED (AGE)	YCnn	ZZnn
CHARTER YOUTH	YCR	CZ
ECONOMY DISCOUNT	YDI	YD
LABOUR	YDL	DL
YOUTH/STUDENT (AGE)	YRnn	ZSnn
YOUTH STANDBY (AGE)	YSnn	ZUnn
GOVERNMENT INFANT	ZIN	DI
GOVERNMENT CHILD (AGE)	Znn	DCnn



Appendix C: Definition and Use of the MIR Modifiers

This topic contains MIR modifiers for:

- [Dual MIR](#)
- [Dual MIR for HBRF \(Full RF/Partial RP\) Refunds - Travelport Apollo System Only](#)
- [Non - Ticketing MIR](#)
- [Non-Faring MIR - Travelport Apollo System](#)
- Queue Ticketing Entries for:
 - [Non-Ticketing/Non-Faring MIR](#)
 - [Non-Faring MIR - Travelport+](#)

Introduction

The Machinable Interface Record is programmatically generated when a ticket is issued and applicable linkage is in place. The data is delivered to the interfaced Third Party Agency Management System.

Travelport Apollo System/Travelport+ provides the ability to generate PNR/BOOKING FILE information to more than one interfaced computer system by using the Dual MIR. The use of the Dual MIR is to send PNR/BOOKING FILE information to two interfaced systems simultaneously.

Non-Ticketing MIR and/or the Non-Faring MIR (Travelport Apollo System only) also provide data to more than one interfaced computer system. Initially, the Non-Ticketing and Non-Faring MIRs were conceived as methods to hand off data to an interfaced computer prior to the actual tickets having been issued. This information is generally used for pre-trip information, passenger manifests, forecasting, and budgeting.

Helpful Hints

Many agents want to feed to a single, central point interface system. Each AAT must then contain the same GTID. It is recommended that the central site is loaded first, then the branches.

MIRs are designed for the real-time environment, so batch mode whilst available is not recommended. It is not recommended to allow MIRs to build up on the buffer as a standard process and this must be considered when designing your interface and instructing your users.

Overview of the D Modifiers

Following are the "D" modifiers used by Travelport Apollo System/Travelport+ to generate various documents. Where linkage exists, the use of HB in Travelport Apollo System and TKP in Travelport+ will generate a ticket and one MIR for each ATFQ/filed fare in the PNR/Booking File.

D modifier	Result
DBD	Sends an accountable ticketing MIR to the interfaced computer system for agencies that do back office ticketing This modifier adds ticketing information to the ARC Electronic Credit Card Billing System. (Travelport Apollo System).



D modifier	Result
DAD	Sends a non-accountable MIR only to the interfaced computer system that the CRT is physically linked.
DID	Issues an Itinerary only, from the itinerary printer. No MIR or Ticket is sent.
DTD	Issues a ticket only, from the ticket printer. No MIR or Itinerary is sent.
DXD	Issues a Ticket, Itinerary, a MIR - to the MIR device that the CRT is physically linked, and a copy of that MIR - to the MIR Device targeted in the DXD command.
DND	Sends a non-accountable MIR to the MIR Device targeted in the DND command, for a PNR/BOOKING FILE which may or may not have been ticketed.
DJD	Sends a non-accountable MIR without fare information to the MIR Device targeted in the command. This modifier bypasses the undecodeable airline and city tables (Travelport Apollo System). The DJD command will also transmit a non-faring MIR for non-participant carriers with or without a MIR device targeted in the command (Travelport Apollo System and Travelport+).
DGD	Global MIR
DLD	Generates a Electronic Ticket (electronic ticket) message to the Carrier, plus Itinerary and MIR based on linkage. (Travelport Apollo System).

Note: The DXD/DND/DJD entries must be routed to the correct GTID and to the receiving pseudo city code. The AAT for both the sending and the receiving pseudos must contain the same MIR Types.

Dual MIR

Many travel agents want to feed to a single, central point and also interface to a local agency management system. The Dual MIR meets this need.

The Dual MIR generates two identical MIRs which are sent simultaneously to two different GTIDs (MIR Devices), representing two interfaced computer systems. When using the Dual MIR command, "DXD", Travelport Apollo System/Travelport+ is able to issue a Ticket, Itinerary, and a MIR to the MIR device which the CRT is physically linked to and a copy of the same MIR to the device targeted in the Dual MIR command.

Glossary

Sending Pseudo city/MIR Device (GTID): This is the pseudo city code/GTID from which the agent is driving the Dual MIR command. This pseudo city/GTID is receiving the original MIR, and is also known as the primary MIR device.

Target Pseudo city/MIR Device (GTID): This is the pseudo city code/GTID that is targeted in the Dual MIR command. This pseudo receives a copy of the sending pseudo city's MIR, and is also known as the secondary MIR device. The target pseudo city code can be the same as the sending pseudo city code, but a different MIR GTID is used.

Requirements

- The Dual MIR command must be directed to a MIR Device (GTID) different than the MIR Device (GTID) the issuing CRT is physically linked to.



- The receiving location's MIR GTID must be present in the OUTPUT section of the AAT Table for the transmitting agency for Travelport Apollo System and receiving agency in Travelport+. (If the transmitting agency and the receiving agency are the same, both MIR GTIDs must be present in the AAT Table).
- The Dual MIR command may be directed to the same pseudo city code the agency is currently working in, or another pseudo city.
- The sending and receiving locations must be on the same MIR type. If this is not the case, Travelport Apollo System/Travelport+ responds with:
In Travelport Apollo System: INVLD MIR TYPE
In Travelport+: INVALID MIR TYPE
- The sending agency must be linked to a MIR device.
- The sending agency must be set up for TINS (Ticket & Invoice Numbering System) Ticketing if Ticket and Invoice numbers are desired in the MIR. It is not necessary for the receiving agency to set TINS on.
- One CRT at the target agency pseudo must be linked to the MIR Device targeted in the Dual MIR command (Travelport Apollo System).

Notes:

- The MIR device at the Sending Pseudo city needs to be brought to UP status (if not left in "UP" status all day long) before the target MIR can be received at the down line pseudo city/GTID. If the primary MIR Device is usually left DOWN, then target MIRs are held by the primary device, until it is brought UP. These target MIRs are not represented in the "Demand Pending" counts for either pseudo city code.
- When Dual MIRs are generated to two different types of back office accounting systems, the T- Ticket Remarks in Travelport Apollo System and DI. entries in Travelport+ and other accounting formats must be taken into consideration. Some back office systems require restrictive formats that are not compatible with other back office systems.

Linkage

The TINS settings in the Agency Account Table determine what is included in both MIRs:

1. If both Ticket and Invoice are set to "Y" the ticket number and the invoice number will appear.
2. If only ticket is set at "Y", then only a ticket number will appear.
3. The linkage formats are the same as when sending regular MIRs. To display linkage, type: HMLD.

Travelport Apollo System/Travelport+ RESPONSE:

```
CRTTKT DEV ST FM / ITIN DEV ST FM / MIR DEV ST FM  
2D831B2D8104D U T 2D8103D U I 2D8303D U
```

If your set is not linked to a MIR Device you can do so by typing:

```
HMLM<GTID>DA
```

4. If the MIR Device at the receiving location is down, the target MIR will buffer.

To bring a MIR device up, you can do so by typing:



HMOM<GTID>-U

5. If the MIR Device at the sending location is down, then both the original MIR and the target MIR will buffer. Both the sending MIR and the target MIR are sent when the MIR device of the sending location is brought UP. In Travelport+, using HQC only 1 MIR is shown in each of the DXD GTIDs, in HQC/GTID 2 are shown.

Format

The basic input for issuing a Dual MIR consists of demand input HBDXD or HB:DXD in Travelport Apollo System or TKPDXD in Travelport+, followed by the GTID of the receiving output device (target device) and the Pseudo city Code of the receiving location (target pseudo). In Travelport+, can be stored in the fare with TMU or the filed fare can be specified with TKP.

In Travelport Apollo System, the entries are:

HB: DXD +<GTID> + <PSEUDO>

* * *

* * *

* * *

* *GTID and Pseudo city Code of the

* *Target MIR. (Where you want the

* *second MIR to go).

* *

*DXD MODIFIER

*

TICKETING COMMAND

When using the DXD command, the Travelport Apollo System response is:

TICKET / ITIN ISSUED

DUAL MIR ISSUED

In Travelport+, the entries are:

TKPDXD . <GTID> . <PSEUDO>

* * *

* * *

* * *

* *GTID and Pseudo city Code of the

* *Target MIR. (Where you want the

* *second MIR to go).



* *

*DXD MODIFIER

*

TICKETING COMMAND

When using the DXD command, the Travelport+ response is described in the screen outputs of Enhanced Document Set.

Notes:

- In Travelport Apollo System:
 - o When sending a Dual MIR and one is sent to a pseudo city other than the one driving the command, both MIRs are given unique Travelport Apollo System sequence numbers. Therefore, you can retransmit either of the MIRs using the HQT command.
 - o The MIR is retransmitted to the device identified as the OUTPUT GTID after typing: HQB/ACC/00000 (Sequence number). To transmit the second MIR you must emulate the target pseudo city (SEM/<PSEUDO>/AG) then HQB/ACC/00000 (Sequence Number).
- In Travelport+:
 - o To resend a Dual-MIR HQNN will transmit both after the HQB entry. It is not possible to retransmit only one.

Combinable Modifiers

The following modifiers can be combined with the DXD modifier. All other modifiers are restricted and will generate the error message "INVALID FORMAT/DATA".

Modifiers combined with DXD	Result
F	Allows the Form of Payment to append to this command.
CXX	XX = (Carrier Code) Allows you to add a Carrier Override to the DXD command.
9B/9Pin Travelport Apollo System DBP in Travelport+	Allows you to combine Boarding Pass requests with the DXD command. This is not yet available in Travelport+ today but is planned.
ZXX	(XX = Commission Percent/Dollar Amount) Allows you to include a commission amount in this command
Z\$XXX.XX in Travelport Apollo System	(XX = Commission Percent/Dollar Amount) Allows you to include a commission amount in this command.
DID	Allows the "Itin Only" command to be combined with the DXD modifier. In Travelport Apollo System, the format in this case must be: HB : DIDXD+<GTID>+<PSEUDO> In Travelport+, the format in this case must be: TKPDIDXD . <GTID> . <PSEUDO>



Modifiers combined with DXD	Result
	Using this format will generate only an Itinerary and two MIRs.

Notes:

- In Travelport+, all modifiers can be combined with DXD.
- Because the DID command can now be combined with the DXD command, you can generate an Itinerary and two MIRs for Non-Air PNR/BOOKING FILES.
- In Travelport Apollo System you cannot combine "N" (Name Select) or "S" (Segment Select) modifiers with the DXD command. However, if the Name and/or Segment Select modifiers are used in an ATFQ field or Pricing Record both modifiers are recognized when the Dual MIR command is used.
- In Travelport+ you can combine "N" (Name Select) and/or "S" (Segment Select) modifiers with the DXD command if the MIR is being generated from a non filed fare Booking File. You can combine "N" (Name Select) modifier with the DXD command if the MIR is being generated from a filed fare and the name is in the filed fare.

eg TKPP1/S1/FS/Z9/CTP/DIDXD.F101DA.XM3

TKP1P1/DIDXD.F101DA.XM3

In Travelport Apollo System: the screen response is:

NO MIR ISSUED - NEED DEVICE LINKAGE

This unsolicited message is sent if the CRT is not linked to a MIR Device. Check this by typing: HMLD. If there is nothing listed under the / MIR DEV / heading use the following format to link to the MIR Device:

HMLM2D8303DA

* **

* **

* *DEVICE TYPE (Demand Accounting *MIR*)

* *

*MIR GTID

*

LINKAGE COMMAND

- In Travelport+: If the ticket printer is linked, there is no error message. When combined with DID and no MIR is issued it causes a systems error and no MIRs are issued.
- In Travelport Apollo System: The screen response is:

INVLD LNIATA - SENDER = TARGET



This message is sent if the GTID used in the DXD command is the same GTID displayed under the /MIR DEV / heading when HMLD is entered. These GTIDs MUST be different.

- In Travelport+: Two MIRs are sent and there is no error message.
- In Travelport Apollo System: The screen response is:

DXD ERROR - TARGET MIR NOT SENT

This error appears if there is a problem in processing the Dual MIR. The original MIR is sent to the MIR Device the CRT is linked to but the second MIR is not sent. To send the second MIR to the second accounting system you can either retrieve the PNR/BOOKING FILE and use the DND format that sends a Non-Ticketing MIR (which requires that the accounting system ignore the Non-Ticketing MIR Flag) or reissue the MIR using the HB:DXD command.

- In Travelport+: Two MIRs are sent and there is no error message.

Dual MIR for HBRF (Full RF/Partial RP) Refunds - Travelport Apollo System Only

Enables the DXD (Dual MIR) command for Travelport Apollo System to transmit a refund transaction to back office systems for both the ticketing location and the booking location for HBRF full (RF) and partial (RP) refunds.

Requirements

The prerequisites and procedures to issue a DXD (Dual MIR) for Travelport Apollo System HBRF full (RF) and partial (RP) refunds are highlighted in this section.

- The sending and receiving agencies of the Dual MIR must have their MIR Type Table and MIR Options Table enabled to receive a refund MIR.
 - MIR Type Table - REFUND must be set to “Y” (Yes)
 - MIR Options Table - REFUND DATA must be set to “Y” (Yes)
- The agency sending the DXD (Dual MIR) for a refund must be linked to a MIR device (GTID).
- One Travelport Apollo System terminal at the target Pseudo City Code (PCC) must be linked to a MIR device (GTID) that will be used in the sender’s DXD (Dual MIR) command.
- Linkage formats are the same as when sending regular MIRs.
- The DXD (Dual MIR) command for a refund must be directed to a MIR device (GTID) different than the MIR device (GTID) the issuing (sending) Travelport Apollo System terminal is linked.
- The DXD (Dual MIR) command for a refund must be directed to a PCC different from the PCC issuing (sending) the MIR. The target PCC must not be the same as the issuing (sending) PCC.
- The DXD (Dual MIR) command for a refund cannot be directed to a PCC other than the “owning” booking or ticketing PCC. The booking location and ticketing location may have different PCCs, but share an ARC/IATA number.
- Both MIR devices must be in an up status in order for all data to appear in the MIR.

Notes:



- A DXD (Dual MIR) command for an Travelport Apollo System HBRF (RF/RP) refund will continue to send an "R" (Refund MIR) in MIR Label T50IN12 (Ticketing Command Used).
- The DXD (Dual MIR) command will not apply to ARNE refunds.

Formats

Travelport Apollo System Format to Request an HBRF Full (RF) or Partial (RP) Refund with Dual MIR

```
>HBRFaaaxxxxxxxxx/DXD+gggggg+cccc/RF
```

```
>HBRFaaaxxxxxxxxx/DXD+gggggg+cccc/RP/RC-xx
```

HBRF= primary action code

aaa= 3 digit airline code

xxxxxxxxxx= 10 digit ticket number

/= delimiter

DXD= dual MIR command

+ = end item

gggggg= 6 target MIR GTID

+ = end item

cccc= 3-4 target PCC

/= delimiter

RP or RF= partial or full refund modifier

/= delimiter

RC-= routing code modifier (mandatory for Canada)

xx= 2 digit routing code as determined by agent

Non-Ticketing MIR

The Non-Ticketing MIR allows you to transmit PNR/BOOKING FILE data from Travelport Apollo System/Travelport+ to an interfaced computer system without initiating ticketing.

A one character field in MIRs 62 and 67 identifies either a Ticketing MIR or a Non-Ticketing MIR in Travelport Apollo System. Travelport Apollo System sets the indicator to "Y" or "N" depending on how the MIR is issued.

MIR contains an indicator in the Header identifying exactly which command is used to drive the MIR. Many Interface vendors choose to ignore the MIR when a Non-Ticketing MIR is received (Non-Ticketing MIR indicator is set to "Y") while other systems have programmed specifically to receive this information.



The Non-Ticketing MIR hands off the last ticket and invoice numbers, from *HT (History TINS) if tickets and/or invoices were issued for this PNR/BOOKING FILE. This type of information is most likely used in a report data base in addition to the uses listed for the Dual MIR.

Note: Special consideration must be given to the capacity of the interfaced computer system. When sending both Non-Ticketing MIRs and MIRs generated with ticketing, that volume is greatly increased to the interfaced computer.

Requirements

- Sending and receiving locations must be on the same MIR level.
- In Travelport Apollo System, the interfaced computer system, using MIR 62 or 67, must be programmed to read label T50IN17, for the Non-Ticketing MIR indicator. In Travelport+, for GMIR the label is T50IN13.
 - N = TICKETING MIR
 - Y = NON-TICKETING MIR
- If the Travelport Apollo System/Travelport+ user intends to include Ticket and Invoice Numbers or Ticket Numbers alone, in the Non-Ticketing MIR TINS must be turned on. In Travelport+, this is the sending agency.
- The TINS setting in the Agency Account Table determines what is displayed in the Non-Ticketing MIR:
 - If both Ticket and Invoice are set to "Y", the ticket and the invoice number appears in the Non-Ticketing MIR.
 - If only Ticket is set at "Y", then only a Ticket Number appears in the Non-Ticketing MIR.
- If the table is set to indicate no Ticket or Itinerary, then neither field appears in the Non-Ticketing MIR.
- The receiving MIR GTID must be present as an Output Device in the Agency Account Table of Travelport Apollo System agencies and a link must be established with the other location. In Travelport+, this must be set up for the sending agency.

Linkage

1. Link formats are the same as those used to send MIRs. And similarly, if the link status at the receiving location is down, Non-Ticketing MIRs will buffer.
2. There are differences in the initial set up for the Non-Ticketing MIR:
 - Sending and receiving locations do not need to be linked, and they do not require the same group code.
 - The receiving GTID must be present as an Output Device in the sending location's Agency Account Table in Travelport Apollo System. In Travelport+, this is the receiving agency.
3. Output Device Counts (HQC and HQCGTID) do not differentiate between Ticketing MIRs and Non-Ticketing MIRs. Both are shown together in the Queue Count for ACC.

Format

The basic input for issuing a Non-Ticketing MIR consists of HBDND in Travelport Apollo System and TKPDND or TMU etc. in Travelport+, then the GTID of the receiving output device (target device) and the Pseudo city Code of the receiving location (target pseudo).



In Travelport Apollo System:

The entries are:

HB:DND+<GTID>+<PSEUDO>

* * * *

* * * *

* * * *

* *GTID and Pseudo city Code of the

* *Target MIR. (Where you want the

* *Non-Ticketing MIR to go).

* *

*DND MODIFIER

*

TICKETING COMMAND

If using the DND command, when an ATFQ exists in the PNR, Travelport Apollo System's response is:

NON-TICKETING MIR ISSUED - TOT FARE \$400.00 - ATFQ NOT UPDATED

When using the DND command, the Travelport Apollo System response will be:

NON-TICKETING MIR ISSUED - TOT FARE 0.00

In Travelport+:

The entries are:

TKPDND . <GTID> . <PSEUDO>

* * * *

* * * *

* * * *

* *GTID and Pseudo city Code of the

* *Target MIR. (Where you want the

* *second MIR to go).

* *

*DND MODIFIER

*

TICKETING COMMAND



When using the DND command, the Travelport+ response, when a Filed Fare exists in the BOOKING FILE, Travelport+'s response is:

NON-TICKETING MIR ISSUED - TTL FARE followed by currency code and amount.

RECORD LOCATOR followed by up to 8 numerics including the decimal point.

Combinable Modifiers

The following modifiers can be combined with the DND modifier. All other modifiers are restricted and will generate this error message "INVALID FORMAT/DATA".

Modifiers combined with DND	Results
F	Allows the Form of Payment to append to this command.
CXX	XX = (Carrier Code) Allows you to add a Carrier Override to the DXD command.
9B/9Por DBP	Allows you to combine Boarding Pass requests with the DXD command.
ZXX	(XX = Commission Percent/Dollar Amount) Allows you to include a commission amount in this command.
Z\$XXX.XX	(XX = Commission Percent/Dollar Amount) Allows you to include a commission amount in this command. Travelport Apollo System only.
DID	Allows the "Itin Only" command to be combined with the DND modifier. In Travelport Apollo System, the format in this case must be: HB : DIDND+<GTID>+<PSEUDO> In Travelport+, the format in this case must be: TKPDIDND . <GTID> . <PSEUDO> Using this format will generate only an Itinerary and Non-ticketing MIR where both contain the same information.

Notes:

- Because the DID command can now be combined with the DND command, you can generate an Itinerary and a Non-Ticketing MIR for Non-Air PNR/BOOKING FILEs.
- In Travelport Apollo System you cannot combine "N" (Name Select) or "S" (Segment Select) modifiers with the DND command. However, if the Name and/or Segment Select modifiers are used in an ATFQ field or Pricing Record, both modifiers are recognized when the Non-Ticketing MIR command is used.
- In Travelport+ you can combine "N" (Name Select) and/or "S"(Segment Select) modifiers with the DXD command if the MIR is being generated form a non filed fare Booking File. You can combine "N" (Name Select) modifier with the DXD command if the MIR is being generated from a filed fare and the name is in the filed fare.

Non-Faring MIR - Travelport Apollo System

The Non-Faring MIR completely bypasses Travelport Apollo Systems faring process and is generally used for transmitting group PNR information to an interfaced computer system. Since the Non-Faring MIR does not go through Travelport Apollo System's faring process, undecodable airlines and cities are not decoded and a fill-in-format is not offered. No tickets are issued when using the Non-Faring MIR modifier.



Requirements

*Sending and receiving locations must be on the same MIR level.. If this is not the case, Travelport Apollo System's response is:

INVLD MIR TYPE

*The interfaced computer system must be programmed to read label T50IN17, the Non-Ticketing MIR indicator.

N = TICKETING MIR

Y = NON-TICKETING MIR

*The receiving MIR GTID must be present as an Output Device in the Agency Account Table, and a link must be established with the receiving location.

*Ticket Numbers are never present in a Non-Faring MIR.

Linkage

1. Link formats are the same as those used to send MIRs. And similarly, if the link status at the receiving location is down, Non-Faring MIRs will buffer.
2. There are differences in the initial set up for the Non-Faring MIR:
 - Sending and receiving locations do not need to be linked, and they do not require the same group code.
 - The receiving GTID must be present as an Output Device in the sending location's Agency Account Table.
3. Output Device Counts (HQC and HQCGTID) do not differentiate between Ticketing MIRs and Non-Ticketing MIRs. Both are shown together in the Queue Count for ACC.

Format

The basic input for issuing a Non-Faring MIR consists of HBDJD, the GTID of the receiving output device (target device) and the Pseudo city Code of the receiving location (target pseudo)

HBDJD+<GTID>+<PSEUDO>

* * * *

* *GTID and Pseudo city Code of the

* *Target MIR. (Where you want the

* *Non-Faring MIR to go).

* *

*DJD MODIFIER

*

TICKETING COMMAND

When using the DJD command, the Travelport Apollo System response is:



NON-FARED MIR ISSUED - TTL FARE 0.00

Since fare information is not included in the Non-Faring MIR, "HB:" is not allowed.

Segment select and name select modifiers can be used. For example:

HBS1+3/N1-1/DJD+<GTID>+<PSEUDO>

Combinable Modifiers

The following modifiers can be combined with the DJD modifier. All other modifiers are restricted and will generate the error message "INVALID FORMAT/DATA".

Modifiers combined with DJD	Results
F	Allows the Form of Payment to append to this command.
CXX	(XX = Carrier Code) Allows you to add a Carrier Override to the DJD command.
ZXX	(XX = Commission Percent/Dollar Amount) Allows you to include a commission amount in this command.
Z\$XXX.XX	As above.
DID	Allows you to combine the "Itin Only" command with the DJD modifier. The format in this case must be: HBDIDJD+<GTID>+<PSEUDO>. Use of this format generates an Itinerary and a Non-Faring MIR where both contain the same information.
GIF	Allows you to transmit the DJD modifier to the back office accounting system without setting the Non-Ticketing/Faring MIR indicator, label T50IN17 to "Y". (When you combine the GIF modifier with the DIDJD modifiers, you can produce an Itinerary and Non-Faring MIR that contain the same information. i.e. Air Segments without fare, Auxiliary Segments with Due/Paid amounts).

Note: Because the DID command can now be combined with the DJD command, you generate an Itinerary and a Non-Faring MIR for Non-Air PNR.

Queue Ticketing Entries

Non-Ticketing / Non-Faring MIR

Queue Ticketing capability is available for ticketing modifiers (DND, DJD). Previously, individual entries were required for each individual PNR in order to issue a Non-Ticketing, or Non-Faring MIR. The Queue Ticketing capability allows you to enter one format for each queue.

Examples for Non-Ticketing MIR queue ticketing:

HB:Q/10/DND +<GTID>+<PSEUDO>

* * * * *

* * * * *



* * *GTID and Pseudo city of the
* * *Target MIR. (Where you want
* * *Second MIR or Non-Ticketing
* * *MIR to go).
* * *

* *DND MODIFIER
* *

*QUEUE NUMBER
*

TICKETING COMMAND

Examples for Non-Faring MIR queue ticketing:

HBQ/10/DJD+<GTID>+<PSEUDO>

* * * * *
* * * * *

* * *GTID and Pseudo city of the
* * *Target MIR. (Where you want
* * *Non-Faring MIR to go).
* * *

* *DJD MODIFIER
* *

*QUEUE NUMBER
*

TICKETING COMMAND

NOTE:

While this capability provides functionality similar to queue ticketing, you cannot issue Non-Ticketing, Non-Faring or Dual MIRs for all PNRs when you are signed into queue. If issuance is attempted while in queue, the following error response is given:

INVALID FORMAT

Non-Faring MIR - Travelport+

The Non-Faring MIR completely bypasses Travelport+ faring process and is generally used for transmitting PNR information to an interfaced computer system. Since the Non-Faring MIR does not go through Travelport+ faring process, undecodable airlines and cities are not decoded and a fill-in-format is not offered. No tickets are issued when using the Non-Faring MIR modifier.



Requirements

- The receiving MIR GTID must be present as an Output Device in the Agency Account Table, and a link must be established with the receiving location.
- Ticket Numbers are never present in a Non-Faring MIR.

Linkage

1. Link formats are the same as those used to send MIRs. And similarly, if the link status at the receiving location is down, Non-Faring MIRs will buffer.
2. There are differences in the initial set up for the Non-Faring MIR:
 - Sending and receiving locations do not need to be linked, and they do not require the same group code.
 - The receiving GTID must be present as an Output Device in the sending location's Agency Account Table.
3. Output Device Counts (HQC and HQCGTID) do not differentiate between Ticketing MIRs and Non-Ticketing MIRs. Both are shown together in the Queue Count for ACC.

Format

The basic input for issuing a Non-Faring MIR consists of TKPDJD or TKPDJD with the GTID of the receiving remote output device (target device) and the Pseudo city Code of the receiving remote location (target pseudo)

TKPDJD

* * * *

* *

*DJD MODIFIER

*

TICKETING COMMAND for issuing Non-Faring MIR at current location

TKPDJD+<GTID>+<PSEUDO>

* * * *

* *GTID and Pseudo city Code of the

* *Target MIR. (Where you want the

* *Non-Faring MIR to go).

* *

*DJD MODIFIER

*



TICKETING COMMAND

When using the DJD command, the Travelport+ response is:

NON-FARED MIR GENERATED - TTL FARE 0.00

Segment select modifiers can be used. For example:

TKPDJD/S1

Combinable Modifiers

The following modifiers can be combined with the DJD modifier. All other modifiers are restricted and will generate the error message "INVALID FORMAT/DATA".

Modifier combined with DJD	Result
F	Allows the Form of Payment to append to this command
CXX	(XX = Carrier Code) Allows you to add a Carrier Override to the DJD command
ZXX ZAXXX.XX	(XX = Commission Percent/Dollar Amount) Allows you to include a commission amount in this command
DID	Allows you to combine the "Itin Only" command with the DJD modifier. The format in this case must be: TKPDIDJD Use of this format generates an Itinerary and a Non-Faring MIR where both contain the same information.

Note: Because the DID command can now be combined with the DJD command, you can generate an Itinerary and a Non-Faring MIR for Non-Air PNR.



Appendix D: Enhanced Itinerary and MIR - Travelport+ Only

With the introduction of New Document Set on Travelport+ from 1996, new screen responses will appear when the NSET indicator in the AAT of the travel agent is set to YES.

It must be noted that the response has changed with NSET for MIR to show "MIR GENERATED" and not "MIR ISSUED". Any application which is screen parsing, or using API's in conjunction with the MIR needs to consider this difference.

The complete new responses are detailed here for information purposes. For the character "f" this represents a tab stop.

Example 1 - Single Filed Fare, Successfully Ticketed

BOOKING FILE

3IK7XW/02 XDBKR 0000022 AG 99999992 21DEC

1.1WARUK/APERSON

1. SA 234 F 01FEB JNBLHR HK1 2000 #0720

** FILED FARE DATA EXISTS ** >*FFf

** TINS REMARKS EXIST ** >*HTf

FONE-LONB*

TKTG-T*XDB 21DEC1040Z 02 AG

FILED FARE

FB1 - S1 21DEC90 02/AG

P1 WARUK/APERSON R GBP 100.00

ENTRY

TKP

SCREEN RESPONSE WHEN NSET SET TO "N"

TKT GENERATED TTL FARE GBP 100.00

ITINERARY/INVOICE GENERATED

MIR GENERATED - TTL FARE GBP 100.00

RECORD LOCATOR: 3IK7XW

TICKETING QUEUE STATUS:



3IK7XW FILED FARE 1 SENT TO PRINTER

Screen Response When NSET SET to Y

TKT GENERATED TTL FARE GBP 100.00
MIR GENERATED - TTL FARE GBP 100.00
RECORD LOCATOR: 3IK7XW

TICKETING QUEUE STATUS:

3IK7XW FILED FARE 1 SENT TO PRINTER

ITINERARY/INVOICE GENERATED

Example 2 - Multiple Filed Fares - Successfully Ticketed

BOOKING FILE

3IK7Y1/02 XDBKR 0000022 AG 99999992 21DEC

1.3WARUK/ONE/TWO/THREE

1. SA 234 F 01FEB JNBLHR PN3 2000 #0720

** FILED FARE DATA EXISTS ** >*FFí

FONE-LONB*

TKTG-T*

FILED FARE

FB1 - S1 21DEC90 02/AG
P1 WARUK/ONE B GBP 100.00

FB2 - S1 21DEC90 02/AG
P2 WARUK/TWO B GBP 200.00

FB3 - S1 21DEC90 02/AG
P3 WARUK/THREE B GBP 200.00

NSET RESPONSE



1/TKT GENERATED TTL FARE GBP 100.00

MIR GENERATED - TTL FARE GBP 100.00

RECORD LOCATOR: 3IK7Y1

2/TKT GENERATED TTL FARE GBP 200.00

MIR GENERATED - TTL FARE GBP 200.00

RECORD LOCATOR: 3IK7Y1

3/TKT GENERATED TTL FARE GBP 200.00

MIR GENERATED - TTL FARE GBP 200.00

RECORD LOCATOR: 3IK7Y1

TICKETING QUEUE STATUS:

3IK7Y1 FILED FARE 1 SENT TO PRINTER

3IK7Y1 FILED FARE 2 ON PENDING QUEUE - PRINTER BUSY

3IK7Y1 FILED FARE 3 ON PENDING QUEUE - PRINTER BUSY

ITINERARY/INVOICE GENERATED

Example 3 - Multiple Filed Fares - Validation error

BOOKING FILE

3IK7Y1/02 XDBKR 000022 AG 99999992 21DEC

1.3WARUK/ONE/TWO/THREE

1. SA 234 F 01FEB JNBLHR PN3 2000 #0720

** FILED FARE DATA EXISTS ** >*FFi

FONE-LONB*

TKTG-T*

FILED FARE

FB1 - S1

21DEC90 02/AG

P1 WARUK/ONE

B GBP 100.00



FB2 - S1 21DEC90 02/AG
P2 WARUK/TWO B GBP 200.00

FB3 - S1 21DEC90 02/AG
P3 WARUK/THREE B GBP 200.00

Filed Fare 3 has had Commission removed

ENTRY

TKP

NSET RESPONSE

ERROR HAS OCCURRED ON FILED FARE 3

COMMISSION PERCENTAGE MUST BE ENTERED

MULTIPLE TICKETING ABORTED

RECORD LOCATOR 3IK7Y1

Example 4 - Single Filed Fare, Credit Card FOP, Successfully Ticketed

BOOKING FILE

3IK7XW/02 XDBKR 0000022 AG 99999992 21DEC

1.1WARUK/APERSON

1. SA 234 F 01FEB JNBLHR HK1 2000 #0720

** FILED FARE DATA EXISTS ** >*FFí

** TINS REMARKS EXIST ** >*HTíí

FONE-LONB*

TKTG-T*XDB 21DEC1040Z 02 AG

FILED FARE

FB1 - S1 21DEC90 02/AG
P1 WARUK/APERSON R GBP 100.00

Credit Card FOP

ENTRY



TKP

NSET RESPONSE

OK-AX-20

TKT GENERATED TTL FARE GBP 100.00

MIR GENERATED - TTL FARE GBP 100.00

RECORD LOCATOR: 3IK7XW

TICKETING QUEUE STATUS:

3IK7XW FILED FARE 1 SENT TO PRINTER

ITINERARY/INVOICE GENERATED

Example 5 - Multiple Filed Fare,FF2 has Credit Card FOP,Validation error

BOOKING FILE

3IK7Y1/02 XDBKR 0000022 AG 99999992 21DEC

1.3WARUK/ONE/TWO/THREE

1. SA 234 F 01FEB JNBLHR PN3 2000 #0720

** FILED FARE DATA EXISTS ** >*FFi

FONE-LONB*

TKTG-T*

FILED FARE

FB1 - S1 21DEC90 02/AG

P1 WARUK/ONE B GBP 100.00

FB2 - S1 21DEC90 02/AG

P2 WARUK/TWO B GBP 200.00

Credit Card FOP

FB3 - S1 21DEC90 02/AG

P3 WARUK/THREE B GBP 200.00



Filed Fare 3 has had Commission removed

ENTRY

TKP

NSET RESPONSE - Credit card Authorisation not shown (Stored internally)

ERROR HAS OCCURRED ON FILED FARE 3

FORM OF PAYMENT REQUIRED

MULTIPLE TICKETING ABORTED

RECORD LOCATOR 3IK7TZ



Appendix E: Refund and Void MIRs

With the introduction of Automated Refund screens in Travelport+ and Void functions for Travelport Apollo System and Travelport+, new entries and screen responses will appear. The product reflects the BSP approval in the market, so the agency management system supplier needs to refer to local BSP rules to understand the functionality available in the market.

The main functions are:

- Refund - only available on Travelport+, with either a string input or entry into a fill in format mask. The outputs available, such as refund notices from Travelport+ are table controlled and reflect local BSP rules. The data is reported to the BSP.
- Void - available for both Travelport Apollo System and Travelport+. Electronic ticket transactions which do not meet systems controls criteria, will result in an automatic “spoiled” MIR generation. With electronic tickets when a spoiled transaction occurs, if the ticket is ATB, the same ticket number is used and there is no report to BSP. If the ticket is OPTAT, a new ticket number is used and there is a report to BSP of “cancelled system generated ticket number”.
- Non-BSP Refunds - only available on Travelport+, where the fill in format mask is used for the manual entry of refund data for agency management systems use only. This is only available in markets where there is no BSP approval for Automated Refunds. The data is not reported to the BSP. If the market is approved for BSP, then functionality may be reduced.

Overview of the Refund/Void entries

Function	Travelport Apollo System	Travelport+
Void a ticket and generate a MIR	RRVO	TRV
Generate a MIR for a refund transaction		T
Generate a MIR for a cancel transaction		TRNC
Generate a MIR for a spoiled ticket	RRSP	TKV

MIR Sections Sent with Refund/Void Entries

MIRs are generated with ticketing entries and modifiers. Refund and Void MIRs are generated with Refund or Void entries or system generated. Data within sections will vary by paper or electronic ticket transactions. A header is always sent. The sections sent for Travelport Apollo System or Travelport+ are shown below. Also which will be sent only when there is a paper ticket, and those sent when electronic ticket, otherwise both ticket types sent.

- A= Travelport Apollo System only
- G = Travelport+ only
- B = Sections available for both Travelport Apollo System and Travelport+



Entry APO	Entry Travelport+	A00	A02	A04	A07	A08	A09	A11	A14	A21	A23	A24	27
RRVO	TRV	B	B	N/A	B	G	G	B	N/A	G	N/A	G	G
HBRF/RF HBRF/RF	TRNE	N/A	B	B	B	B	B	B	B	G	B	G	N/A
HBRC	TRNC	N/A	B	A	B	B	B	B	A	G	N/A	G	N/A
RRSP	TKV	N/A	B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Void MIR

The Void MIR is generated when a void transaction is completed when the agent uses TRV/RRVO. There is the void situation where a ticket is “spoiled” such as when a printer jams or an electronic ticket fails.

A spoiled MIR can be generated resulting from an agent input or automatically when an electronic ticket “fails”. When an electronic ticket fails, the transaction is spoiled for that ticket only. Any previous electronic ticket transactions from the same Booking File filed fare, which have succeeded will result in a MIR being generated. For the ticket which has failed, a spoiled MIR is generated for that ticket only. The agent may be able to generate a paper ticket in place of the electronic ticket. If a paper ticket is subsequently printed after the electronic ticket failure and resulting spoiled MIR, a regular MIR is generated.

Requirements

*The receiving MIR GTID must be present as an Output Device in the Agency Account Table, and a link must be established with the receiving location. The CRT issuing the void command must be linked to a MIR device.

*The MIR Type table indicator is set to “Y” for Void.

Note for configuration in Travelport+ markets: the AUTR field in the AAT is set to values between 1 and 97 for BSP approved markets, and 98 for non-BSP approved markets. If set to zero, then refund functionality is not available.

Linkage

1.Link formats are the same as those used to send MIRs. And similarly, if the link status at the receiving location is down, Void MIRs will buffer.

Format

The basic input for issuing a Void MIR consists of RRVO in Travelport Apollo System, and TRV in Travelport+. When a ticket has been issued (plated or unplated) which is cancelled within a period of time specified by the BSP, it can be voided. When an unused ticket or stock control number due to a printer jam, stock conditions or host allocation checks occurs, this is a Spoiled transaction. The input for a Spoiled transaction is RRSP in Travelport Apollo System and TKV in Travelport+.



Where there is BSP approval for refunds, the data input either in string or FIF screen is reported to the BSP and reflects the BSP business process and approval. Where there is no BSP approval, the entry of refund information in the Automated Refund FIF screen is for agency management systems purposes only and termed by Travelport+ “Non-BSP manual refund”. In this situation, if the BSP subsequently introduces reporting of refunds and approval, it may result in reduced functionality.

Requirements

*The receiving MIR GTID must be present as an Output Device in the Agency Account Table, and a link must be established with the receiving location. The CRT performing the refund transaction must be linked to a MIR device.

*The MIR Type table indicator is set to “Y” for Refund.

Linkage

1.Link formats are the same as those used to send MIRs. And similarly, if the link status at the receiving location is down, Refund MIRs will buffer.

Format

The basic input for issuing a Refund MIR consists of TRNE for electronic tickets.

For the refund of a complete ticket set, the entries are:

TRNNNnnnnnnnnnc/DDMMM

* * * **DATE AND MONTH

* * * **OF TICKET ISSUE

* * * **

* * * **SEPARATOR

* * * **

* * * **CHECK DIGIT

* * * **

* * **TICKET NUMBER

* * **

*NUMERIC CARRIER CODE

*



E MISC DOC (EMD)

This MIR Option represents the new A29 EMD Data Section in the EMD MIR.

E MISC DOC (CPN)

This MIR Option represents the new A30 EMD Coupon Data Section in the EMD MIR.

E MISC DOC (SVC)

This MIR Option represents the new auxiliary service segment (SVC) data for optional services in the A16 (Auxiliary Segments) section of the MIR.

E MISC DOC (SSR)

This MIR Option represents the new special service request (SSR) data for automated optional services (ASVC) in the A20 (SSR/OSI Data) section of the MIR.

MIR Type and MIR Options Matrix for EMD

#	MMTD MIR Type (EMD)	MMOD – MIR Options	Description			
		E Misc DOC (EMD) A29	E Misc DOC (CPN) A30	E Misc DOC (SSR) A20	E Misc DOC (SVC) A16	
	N	Y	Y	Y	Y	<ul style="list-style-type: none"> No EMD MIR message will be generated by an EMDI entry. A16 SVC segment data and A20 ASVC segment data will be included in MIR messages which are currently generated by existing MIR entries which include sections A16 and A20.
	N	Y	Y	Y	N	<ul style="list-style-type: none"> No EMD MIR message will be generated by an EMDI entry. A20 ASVC segment data will be included in MIR messages which are currently generated by existing MIR entries which include section A20. No A16 SVC segment data will be included in MIR messages which include section A16.
	N	Y	Y	N	Y	<ul style="list-style-type: none"> No EMD MIR message will be generated by an EMDI entry. A16 SVC segment data will be included in MIR messages which are currently generated



#	MMTD MIR Type (EMD)	MMOD – MIR Options	Description			
		E Misc DOC (EMD) A29	E Misc DOC (CPN) A30	E Misc DOC (SSR) A20	E Misc DOC (SVC) A16	
						by existing MIR entries which include section A16. No A20 ASVC segment data will be included in MIR messages which include section A20.
	N	Y	Y	N	N	<ul style="list-style-type: none"> No EMD MIR message will be generated by an EMDI entry. No A20 ASVC segment data and A16 SVC segment data will be included in MIR messages which are currently generated by existing MIR entries which include sections A16 and A20.
	N	N	N	N	N	<ul style="list-style-type: none"> No EMD MIR message will be generated by an EMDI entry. No A20 ASVC segment data and A16 SVC segment data will be included in MIR messages which are currently generated by existing MIR entries which include sections A16 and A20.
	Y	N	N	N	N	<ul style="list-style-type: none"> EMD MIR message will be generated by an EMDI entry without sections A29 EMD and A30 CPN. No A20 ASVC segment data and A16 SVC segment data will be included in MIR messages which are currently generated by existing MIR entries which include sections A16 and A20.
	Y	N	N	Y	N	<ul style="list-style-type: none"> EMD MIR message will be generated by an EMDI entry without sections A29 EMD and A30 CPN. No A20 ASVC segment data and A16 SVC data will be included in the MIR. A20 ASVC segment data will be included in MIR messages which are currently generated by existing MIR entries which include section A20. No A16 SVC segment data will be



#	MMTD MIR Type (EMD)	MMOD – MIR Options	Description			
		E Misc DOC (EMD) A29	E Misc DOC (CPN) A30	E Misc DOC (SSR) A20	E Misc DOC (SVC) A16	
						included in MIR messages which include section A16.
	Y	N	N	N	Y	<ul style="list-style-type: none"> EMD MIR message will be generated by an EMDI entry without sections A29 EMD and A30 CPN. No A20 ASVC segment data and A16 SVC data will be included in the MIR. A16 SVC segment data will be included in MIR messages which are currently generated by existing MIR entries which include section A16. No A20 ASVC segment data will be included in MIR messages which include section A20.
	Y	N	N	Y	Y	<ul style="list-style-type: none"> EMD MIR message will be generated by an EMDI entry without sections A29 EMD and A30 CPN. No A20 ASVC segment data and A16 SVC data will be included in the MIR. A20 ASVC segment data and A16 SVC data will be included in MIR messages which are currently generated by existing MIR entries which include sections A16 and A20.
	Y	Y	N	N	N	<ul style="list-style-type: none"> EMD MIR message will be generated by an EMDI entry with section A29 EMD and without section A30 CPN. No A20 ASVC segment data and A16 SVC data will be included in the MIR. A20 ASVC segment data and A16 SVC data will not be included in MIR messages which are currently generated by existing MIR entries which include sections A16 and A20.
	Y	Y	N	Y	N	<ul style="list-style-type: none"> EMD MIR message will be generated by an EMDI entry



#	MMTD MIR Type (EMD)	MMOD – MIR Options	Description			
		E Misc DOC (EMD) A29	E Misc DOC (CPN) A30	E Misc DOC (SSR) A20	E Misc DOC (SVC) A16	
						<p>with section A29 EMD and without section A30 CPN. No A20 ASVC segment data and A16 SVC data will be included in the MIR.</p> <ul style="list-style-type: none"> A20 ASVC segment data will be included in MIR messages which are currently generated by existing MIR entries which include section A20. No A16 SVC segment data will be included in MIR messages which include section A16.
	Y	Y	N	N	Y	<ul style="list-style-type: none"> EMD MIR message will be generated by an EMDI entry with section A29 EMD and without section A30 CPN. No A20 ASVC segment data and A16 SVC data will be included in the MIR. A16 SVC segment data will be included in MIR messages which are currently generated by existing MIR entries which include section A16. No A20 ASVC segment data will be included in MIR messages which include section A20.
	Y	Y	N	Y	Y	<ul style="list-style-type: none"> EMD MIR message will be generated by an EMDI entry with section A29 EMD and without section A30 CPN. No A20 ASVC segment data and A16 SVC data will be included in the MIR. A20 ASVC segment data and A16 SVC data will be included in MIR messages which are currently generated by existing MIR entries which include sections A16 and A20.
	Y	Y	Y	N	N	<ul style="list-style-type: none"> EMD MIR message will be generated by an EMDI entry with section A29 EMD and



#	MMTD MIR Type (EMD)	MMOD – MIR Options	Description			
		E Misc DOC (EMD) A29	E Misc DOC (CPN) A30	E Misc DOC (SSR) A20	E Misc DOC (SVC) A16	
						<p>section A30 CPN. No A20 ASVC segment data and A16 SVC data will be included in the MIR.</p> <ul style="list-style-type: none"> A20 ASVC segment data and A16 SVC data will not be included in MIR messages which are currently generated by existing MIR entries which include sections A16 and A20.
	Y	Y	Y	N	Y	<ul style="list-style-type: none"> EMD MIR message will be generated by an EMDI entry with section A29 EMD and section A30 CPN. No A20 ASVC segment data and A16 SVC data will be included in the MIR. A16 SVC segment data will be included in MIR messages which are currently generated by existing MIR entries which include section A16. No A20 ASVC segment data will be included in MIR messages which include section A20.
	Y	Y	Y	Y	N	<ul style="list-style-type: none"> EMD MIR message will be generated by an EMDI entry with section A29 EMD and section A30 CPN. No A20 ASVC segment data and A16 SVC data will be included in the MIR. A20 ASVC segment data will be included in MIR messages which are currently generated by existing MIR entries which include section A20. No A16 SVC segment data will be included in MIR messages which include section A16.
	Y	Y	Y	Y	Y	<ul style="list-style-type: none"> EMD MIR message will be generated by an EMDI entry with section A29 EMD and section A30 CPN. No A20



#	MMTD MIR Type (EMD)	MMOD – MIR Options			Description	
		E Misc DOC (EMD) A29	E Misc DOC (CPN) A30	E Misc DOC (SSR) A20	E Misc DOC (SVC) A16	
						<p>ASVC segment data and A16 SVC data will be included in the MIR.</p> <ul style="list-style-type: none"> A20 ASVC segment data and A16 SVC data will be included in MIR messages which are currently generated by existing MIR entries which include sections A16 and A20.
	Y	N	Y	Y	Y	<ul style="list-style-type: none"> EMD MIR message will be generated by an EMDI entry without sections A29 EMD and A30 CPN. The A30 CPN section is dependent upon the A29 EMD section to be included in the MIR. No A20 ASVC segment data and A16 SVC data will be included in the MIR. A20 ASVC segment data and A16 SVC data will be included in MIR messages which are currently generated by existing MIR entries which include sections A16 and A20.

MIR Options SSR/OSI Data and E Misc Doc (SSR)

#	MMOD SSR/OSI DATA	MMOD E Misc DOC (SSR) A20	Description
	Y	Y	Existing A20 SSRs will be included in the MIR New A20 SSR for ASVC will be included in the MIR
	Y	N	Existing A20 SSRs will be included in the MIR New A20 SSR for ASVC will NOT be included in MIR
	N	Y	Existing A20 SSRs will NOT be included in the MIR New A20 SSR for ASVC will be included in the MIR
	N	N	Existing A20 SSRs will NOT be included in the MIR



#	MMOD SSR/OSI DATA	MMOD E Misc DOC (SSR) A20	Description
			New A20 SSR will NOT be included in the MIR



QUESTIONS AND ANSWERS

Question	Answer
Where do check in times and terminals appear in the MIR?	In the A15 section provided the data has been entered in the Travelport+ Booking File using the RI.CT, RI.AT etc entries.
I want to send some data that isn't present in Booking File. How do I do it?	Enter the data using a T- (Travelport Apollo System) or DI. (Travelport+) entry and it will appear in the A14 section. These fields provide a free format area and it is the responsibility of the back office system to define the format of the text to be used in this area. Note that the character set is 7 bit ASCII and limited to upper case letter, numbers and a small number of other characters such as -/.(*)
When is the MIR sent?	The MIR is sent automatically provided: A ticket is being issued and The issuing terminal is linked to a MIR device and The sending of a MIR is not countermanded. A MIR can be sent at other times but must be specifically requested, typically using the DAD modifier.
What is the difference between retransmission and a DAD MIR?	Retransmission (using the HQNN entries) involves finding the original MIR and then sending that exact MIR again. The Booking File/PNR need not be present for this to occur. A DAD (e.g. issued using TKPDAD) MIR is a new MIR. It will contain a copy of the booking file at the point when it is commanded. All MIRs are a snapshot of the booking file at the point where the entry creating the MIR is sent. MIRs are only held in buffers for a maximum of 24 hours. Once deleted from the buffer the MIR cannot be retransmitted.
How can I tell if the MIR is a DAD MIR or retransmission?	Look at T50IN1 which will be Y for a retransmission. T50IN12 indicates what entry was originally used to create the MIR so a retransmitted DAD MIR will have Y in T50IN1 and A in T50IN12.
How can I send a 2 nd copy of a MIR?	There are several answers to this question depending on the precise meaning of the question. As previously noted retransmission will find the original and send an exact copy. Alternatively the DAD modifier causes a new MIR, representing the PNR/Booking File at the moment of request, to be sent. Also see " Dual MIR " and next answer.
How can I send a copy of a MIR to somewhere other than the normal	The MIR product itself has "Dual MIR" capability. This comes in 2 flavours: The entry TKPDND.F101BA.GL2 will cause a MIR to be sent to the MIR device F101BA at pseudo city GL2. No MIR will be sent to the linked (normal) MIR device. The entry TKPDXD.F1012E.AA0 will cause a MIR to be sent to the linked (normal) device and to MIR device F1012E at pseudo city AA0. In both cases the actual MIR device and pseudo city will be allocated by Galileo.



Question	Answer
(linked) device?	Galileo also provides a piece of software know as the “Data Collector”. The software resides on the Galileo Print Manager PC and only works when MIR to disc is in use. The Data Collector can be configured to create more than one copy of each MIR. It can be configured to create copies of some MIRs and nor others. It can be configured to send copies to different discs and folders.
Does a MIR represent a Booking File or a Filed Fare/ATFQ ?	It depends. Until a fare is present the MIR will represent the whole PNR/Booking File. Once a fare is present the MIR will represent the flights related to a filed fare. The precise meaning varies slightly between Travelport+ and Travelport Apollo System. See A04 and A05 sections for a full explanation.
An airline is paying commission as an amount instead of percentage, how is this transmitted in the MIR?	Commission percentages are shown in T50RTE and amounts in T50COM. The two fields are mutually exclusive. Travelport+ and Travelport Apollo System will only ever transmit one, or the other.
There is no carrier detail present in the T50ISS section of the MIR. Why not?	The user has not entered a plating carrier.
My MIR is truncated or corrupt or has data missing. Why?	<p>Serial</p> <p>Where the MIR is being transmitted to a serial device it is necessary for the receiving system to implement XON/XOFF flow control. Where this is not implemented the data flow will be uninterrupted and can fill the memory of the receiving system. Once the memory of the receiving system is full with data it has to process the received data and and further data sent by Galileo during processing will be lost by the receiving system. This method of delivery is no longer recommended.</p> <p>MIR to disc – mapped</p> <p>It is technically possible to configure the MIR to be delivered round a LAN (or even a WAN) to a mapped disc/folder. We have experienced issues with the reliability of the LANs/WANs provided by agencies, in particular character or even block loss. It is therefore recommended that at least one copy of every MIR is written to the same disc as the Galileo Print Manager installation.</p> <p>MIR to disc – local</p> <p>This is the preferred method of delivery. The MIR is delivered to a folder on the same PC that hosts the Galileo Print Manager software. Truncation occurs when the receiving system tries to process the file before Galileo has finished writing it. Once Galileo has written the file we recommend that a copy be taken and the original left in place. The copy can then be processed and, when processing has successfully completed the original can be deleted.</p>



Question	Answer
Every MIR has the same file name. Why?	If you look at the folder where Print Manager has been configured to place MIR to disc files you will find that, as well as the MIR to disc files (*.MIR) there is a file called mirfile.txt. Mirfile.txt contains the file name of the next file to be created. If it is not present a new copy is created and the next file name starts again at AAAAAGAL.MIR. It is therefore important, when copying MIR files to only copy MIR files and to ensure mirfile.txt is left alone.
What is "Net Ticketing"? What is "Net Remit"? What is IT or BT ticketing? How are they represented in the MIR?	<p>IT (Inclusive Tour) and BT (Bulk Tour) ticketing started as a reaction to Package Tour holidays. It allowed scheduled airlines to offer tour operators special (lower) fares. Not wanting to disclose these fares to the travelling public airlines chose to print the letters IT or BT in the fare and total boxes in place of the actual fare. Agents were required to have such arrangements approved and, once approved, a "tour code" was issued that had to be shown in the box of that name on the ticket. Arrangements sold using IT and BT fares had to be sold at a price that included the fare, hotel accommodation and transfers between the airport and accommodation. When airlines began selling special fares as a matter of course (without the need for accompanying accommodation or transfers) many airlines simply adapted the IT/BT method. The agency enters the amount due to the airline (known as the net fare), sets the commission at zero and uses IT and BT to hide this from the customer on the ticket. The Tour Code box contains data which looks like an actual Tour Code but may have a different meaning to the airline. The sale price is set by the agency and the difference between this and the amount due to the airline is the agency "profit". The sale price is usually not reported to the BSP meaning that if the agent accepts payment by credit card he does so using his own merchant agreement, not the merchant agreement of the airline.</p> <p>Some airlines adopted a different method, sometimes known as "Net Remit". Both Net Remit and IT/BT (sometimes known as Net Report) can exist within one BSP.</p> <p>Net Remit has an actual fare in the fare box that the passenger sees. This is reported to and billed by the BSP in the usual way and commission (if any) is applied. The agency adds further information to the ticket either in the form of an amount due to the airline (known as the net fare - again) or additional commission. This is then processed by BSP to a secondary billing showing the actual amount due to the airline. Additional commission can be an amount or a percentage and can be applied to the fare shown in the fare box or to the amount due to the airline after the deduction of commission from the fare shown in the fare box. The precise methodology varies from BSP to BSP and with something like 17 different variations it's impossible for us to list all the possibilities and which applies to which market.</p> <p>The extra data which the agency has to show on the ticket is printed in the tour code box. However, it is not, strictly, a tour code. It is either a "Value Code" and/or a "Carrier Agreement Reference" and in Galileo they have specific entry formats which cause the items to be shown in the A21 section of the MIR (assuming you've switched that on using the MMOD table). The Carrier Agreement Reference is simply a contract number but the Value Code actually represents the value. The first character will always be a letter and it tells you whether the remaining characters are a commission amount or percentage and which value to apply that to or whether it's a net fare value. The value may be expressed as numbers but it can also be encoded into letters. The precise encoding varies by market/airline but 3 examples include:</p> <p>0123456789 RUNWAYJETS BLACKHORSE CUMBERLAND</p> <p>Depending on which of the above is used 250 might be encoded as NYR or AHB or MRC.</p> <p>In some implementations the amount due to the airline (the net fare) is not entered using a Value Code but a separate method (which does not print in the Tour Code box of the ticket).</p> <p>So, depending on the precise method used in a market you may need to search for data in the A21 section and also the T50ITC field. The net amount due may be found in A07TBF, A21NRT or A21NVC.</p>
Can I receive MIRs for	Yes. There are two steps. Firstly change the flags in the MMTD display. Note that it is possible to set the system to send MIRs when a refund is processed or a void or a spoiled. If you want all 4 you must set all 4 to "Y". Now go to the MMOD display and set "REFUND DATA" to "Y". Note that setting REFUND DATA will



Question	Answer
Voids and Refunds?	cause the A23 section to be sent to your back office system. You must therefore ensure your back office is capable of processing this data.
I'm not getting all the data I expect for an MCO/ MIR. Why not?	Go to the MMOD display and set "MISCELLANEOUS DOC" to "Y". This causes the A19 section to be sent – please ensure your back office system can process this data. Now go to the MMTD display and set "MPD" to "Y".
Why do some of my flights appear in the A04 section of the MIR and others in the A05?	Travelport+ (Galileo) answer (Travelport Apollo System is different) - Until a filed fare is present in the Booking File all of the flights will appear in the A04 section. Once a filed fare is present in the Booking File a separate MIR is sent for each field fare. In these circumstances the flights that are covered in the filed fare appear in the A04 section and all others in the A05. The status of the flight has no affect on whether it appears in the A04 or the A05.
Is a separate MIR sent for every passenger	No. A MIR is sent for each filed fare.
Why does the MIR not contain the fare for every segment?	<p>This is related to the IATA practice known as "proration" and these websites give some information about the process. http://gnp.sourceforge.jp/http://www.iata.org/whatwedo/proration/index.htmhttp://www.interglobetechnologies.com/whitepapers/Managing-the-Challenges-of-Airline-Revenue-Accounting.pdf#search=%22airline%20proration%22</p> <p>Proration is the term used by airlines to describe the process they undertake to share out the revenue on a ticket when more than one carrier is involved. The sharing process uses distance flown as its' basis but then applies various other rules and even commercial agreements. It is the commercial agreements (which are confidential between the airlines) that make it impossible for us to accurately calculate the flight by flight coupon value.</p>
Does the MIR contain any information about the distance flown for each segment?	No. In the airline world there are flow mileages, maximum permitted mileages and each airline uses different frequent flyer miles. All of those mileages are artificial to one degree or another. The shortest distance between two points is the "Great Circle Mileage" but there are at least 7 models of the shape of the earth each of which can produce a slightly different result. Faced with those options Galileo decided not to fill this field.
I use a single gtid to collect MIRs from more than	When a MIR is sent it is placed into a holding area in the Galileo system known as a buffer. In most cases it goes into the buffer and then immediately out again when it is sent to the agency. Each pseudo city has its' own buffer even though they are sending data to the same gtid. When the gtid is Down in one pseudo city



Question	Answer
one branch. How is it possible that this same gtid is "up" in one pseudo city and "down" in another?	this is simply a means to stop the MIRs from being sent from that Pseudo city. The buffer feeding the gtid in another pseudo can be up. We have some customers who, rather than receiving all the MIRs immediately they have been issued like to set the MIR device to Down, buffer up many MIRs and then bring the device Up so that they receive all the MIRs from one branch together.
I can't find the conjunction ticket number in the MIR.	The conjunction ticket data in the MIR is not sent the same way as it is shown in the filed fare. We send the first ticket number for each passenger and then send an indicator to say how many tickets have been issued. For instance: 338500849024990024294301000000885AD 01 N means 33850084902 this ticket has this TCN. 4 is the year when the ticket was issued 9900242943 is the ticket number 01 is the number of tickets issued. If this was a conjunction ticket this number would be 02 or 03 or 04 as appropriate.
I have a Group Booking File but I cannot issue a MIR.	The MIR will not issue until at least one passenger name has been added to the Booking File.
Is TASF data transmitted in the MIR	Yes. It is necessary to set the MMOD and MMTD screens to send MPD/MISC DOCS data.
Can I use a DAD MIR to send TASF data?	TASF MIRs are only generated at the time of TASF creation. There is no way of sending a MIR containing TASF data using a DAD modifier. Should agents wish to send TASF data in the MIR at a later date they will have to approach their back office vendor to ascertain the correct procedure to follow. This will probably involve rekeying the data either direct to the back office system or, if a MIR is to be used in the DI.FT area of the Booking File using formats given to the agency by the back office system provider.
If I have more than one filed fare the A04/A05 section relationship is different when an is issued compared	The general principle is that the A04 represents the flights related to the fare value in the MIR and the A05 represents any other flights. No link exists between the and the filed fare. As such, the link th exists between the filed fare and segments is broken and the system, not knowing any better, puts all the segments in A04.



Question	Answer
with when a ticket is issued.	
At which process point does the MIR handoff?	The MIR is typically transmitted at the same time as the ticket/EMD. Provided the terminal making the entry TKP or EMDI is linked to both a ticket device and a MIR device both the ticket/EMD and MIR “documents” will be created from the single entry. It is also possible to send a MIR using the entries TKPDAD, TKPDND.xxx.xxx, and TKPDXD.xxx.xxx. The Galileo formats guide gives detail of these entries.
Can I issue a Galileo non-ticketing MIR (TKPDAD) from a non-IATA agency location?	Yes. Galileo non-IATA agencies are allowed to issue a non-ticketing MIR (TKPDAD) from an authorized Booking File.



EXCHANGE/REISSUE AND TAXES IN GALILEO

In IATA markets serviced by the Galileo system the procedures which agents must follow when reissuing or exchange a ticket are laid down in Resolution 720a Attachment 'B' with further examples and explanation in the Ticketing Handbook.

It is important to remember that while most tickets issued by agents are in their own currency, there are circumstances where an agent may issue a ticket starting in a city that is not in their own country (e.g., a UK-based agency may issue a ticket between New York and Los Angeles). In such circumstances, the "Fare" on the ticket issued will be expressed in a "foreign" currency (USD) with the "Equivalent Fare Paid" in the currency of the agency (GBP). Should it become necessary to reissue such a ticket, the fare will continue to be expressed in the foreign currency.

In the e-ticket environment it is also possible for an agency to exchange/reissue a ticket issued by a different agency in a different currency. Once again, the new fare will be expressed in the currency of the original issuing agency with any additional collection expressed initially in the original currency with an additional fare paid in the agency currency as well.

If the difference in fares results in a refund being due to the passenger, the agent must issue an EMD to carry the refund value. This often causes confusion but it is important to remember that the EMD has been issued. To refund the value carried on the EMD, it is then necessary to refund the EMD. You may ask why a two-stage process? Some countries restrict the export of their currencies. If it was possible to purchase an air ticket, take it out of such a country, and then obtain a refund on the unused parts of the ticket, this would contravene those exchange regulations. Furthermore, only the original issuing agency actually holds the money from the original ticket. Therefore, the EMD for refund value must be returned to the agency that issued the original ticket who will then action that refund. Of course, in many cases, the original issuing agent and the one undertaking the exchange reissue are the same, and, therefore, the EMD, having been issued, is immediately refunded by the same user.

A further area of confusion is often taxes. When a ticket is reissued/exchanged the taxes shown on the original ticket are carried forward to the new one.

This MIR may help to explain.

```
T51G773392010530023316OCT061354 AF057AIR FRANCE          22JUN07CCCE40C79F3A UD4
UD499999992
ZZR1JO      C50GHNGHAG16OCT0600016OCT06012HRK0000004853002HRK00000000 00000000 000
00000 00000000 00000000 000000000000          NYNYN7YNYAYA
NNNX HR              0000000010000010000000001001001001000000000000000
```

```
A02HARRISON/EMR          6      00      AD  0101N
```

```
A0401AF057AIR FRANCE 2755Y AK22JUN0655 0900
2ZAGZAGREB      CDGPARIS/CHARLESINS O030KER4      F TK:NJT:02.05
```

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A0701EUR      654.00HRK      5083.10HRK      4853.00HRKT1: 111.30HRT2: 118.80YQ
```



A080101Y 00000000 F:YA09010ZAG AF PAR M835.71Y NUC835.71END ROE0.782562 XT
PD10.00GB PD6.80YR

A100101SEP069999942
ZAG CK ATI:1253640100100P4 TI:1253640100101
1 HRK000000510.00 T1: 10.00GBT2: 6.80YRT3: T4: T5: 00000526.80000000000000

A11S 4573.10N P:01

A12LONB /

The A07 line shows that the new fare for the ticket is EUR654.00 and that the equivalent of that is HRK4853.00. There are 2 new taxes to be collected HRK111.30HR and HRK118.80YQ making the new total HRK5083.10.

Looking at the A11 section we find that the amount collected is only HRK4573.10. This is the total amount less the value of the original ticket, in this case HRK510.00 found in the A10 section. ($HRK510.00 + HRK4573.10 = HRK5083.10$). But, remember the HRK5083.10 includes the taxes. Therefore the fare amount which has actually been collected is HRK4573.10 less HRK111.30 less HRK118.80 giving a result of HRK4343.00 (the commissionable fare collected).

You may also be wondering what the T1: 10.00GB item is in the A10 section. Doesn't that also need to be accounted for? The answer is "no". This item has no accounting value. It is a leftover from the time when some back office systems used the MIR to actually write airline tickets. Where a tax is shown on the original ticket it must be carried forward to (and printed on) the new ticket but because it was paid for on the original ticket it doesn't need to be paid for again so it can be safely ignored for accounting purposes.



GLOSSARY

Term	Definition
ARC	Airline settlement in USA by the Airline Reporting Corporation.
BSP	Airline settlement in each other country by the IATA Billing Settlement Plan.
APO	Abbreviation used to refer to the Travelport Apollo System.
Travelport+	Used to refer to Galileo or GCS.
Central Reservation System (CRS)	Airline and Auxiliary (Car Hotel and Tour/Cruise) Segment booking and Ticketing system.
GDS	Global Distribution System. A later version of a CRS.
Agency Management Systems	Business Systems marketed by CRSs and other software companies to travel agencies.
Point of Sale	Access by travel agent to the CRS and other databases.
Front Office	Functionality for booking records, passenger details, services booked, client documents and payments.
Middle Office	Information on clients, suppliers and the analysis of costs and service information, sales returns and daily reports, MIS reports.
Back Office	Accounting records, MIS reports, reconciliation, cash flow management and regulatory accounting. Term used mainly in North America.
Agency Management Systems	As above but includes point of sale, and middle office in addition. Term used mainly in Europe.
Third Party Agency Management Systems	Third Party Agency Management Systems is the CRS term for Agency Management Systems supplied by non-CRS companies.
Data Hand-off/Interfaces	The term applies to CRS derived hand-offs for accounting and MIS data used by travel agent's systems.
MIR Products	The term applies to Galileo data hand-offs for accounting and MIS data used by travel agent's systems which access Apollo and Galileo.
MIR	The data hand-off product from the Apollo and Galileo CRSs.
GMIR	The data hand-off product from the Galileo CRS which MIR replaces.
Global MIR	The application and mechanism which gives the ability to transmit MIRs between the Federation CRSs: Apollo and Galileo.



Term	Definition
XML MIR	A handoff similar to MIR using the XML (Extended Mark-up Language) has been implemented in the Galileo rail environment for SBB/DB/SNCF only.
TAT/E-TAT Ticketing	Most ticketing supported by Galileo results in tickets being reported to a BSP for settlement. However, it is possible to configure agencies to issue tickets of an airline in such a way that reporting and billing occurs between the agency and airline with no BSP in between. In the old paper environment the ticket type used is a TAT (Transitional Automated Ticket – a form of the red carbon multi part ticket). Where an electronic version of this process is used Galileo refer to it as E-TAT. Where TAT or E-TAT is in use only one airline may be included in each AAT.
Void/Spoiled MIR	The term applies to the data hand-off of void data when a ticket has been issued (plated or un-plated) which is cancelled within a period of time specified by BSP. The ticket may or may not have been reported to BSP depending on the BSP RET hand-off cycle. To undo the void transaction, the term “un-void” is used. When an unused ticket or stock number has caused a void due to printer jam or electronic ticket failure, the term “spoiled” is used.
Electronic ticket	The term applies to the passenger purchase business process by which a ticket is issued electronically by an airline.
Paper ticket	The term applies to the passenger purchase business process by which a ticket is issued and printed by an airline or GDS on an actual piece of paper
Virtual ticketing	The commercial name for the Galileo electronic ticketing process made available to participating carriers.
Section	A set of data elements beginning with a Section ID, ending in two carriage returns.
Item	A set of data elements beginning with a Section ID, ending in a single carriage return. An item may repeat with different values.
Line	A set of data elements between carriage returns. A line can be of indeterminate length.