



PASSENGER AND AIRPORT DATA INTERCHANGE STANDARDS

EDIFACT IMPLEMENTATION GUIDE

**PNR DATA PUSHED TO STATES
OR OTHER AUTHORITIES**

PNRGOV MESSAGE

Version 12.1

(subject to approval and publication by the WCO API Contact Committee)

NOTICE

DISCLAIMER. The information contained in this publication is subject to constant review in the light of changing government requirements and regulations. No subscriber or other reader should act on the basis of any such information without referring to applicable laws and regulations and/or without taking appropriate professional advice. Although every effort has been made to ensure accuracy, the International Air Transport Association shall not be held responsible for loss or damage caused by errors, omissions, misprints or misinterpretation of the contents hereof. Furthermore, the International Air Transport Association expressly disclaims all and any liability to any person, whether a purchaser of this publication or not, in respect of anything done or omitted, and the consequences of anything done or omitted, by any such person in reliance on the contents of this publication.

No part of the Passenger and Airport Data Interchange Standards EDIFACT Implementation Guide – for PNRGOV Message Document may be reproduced, recast, reformatted or transmitted in any form by any means, electronic or mechanical, including photocopying, recording or any information storage and retrieval system, without the prior written permission from:

Managing Director,
IATA Distribution and Financial Services
International Air Transport Association
800 Place Victoria
P.O. Box 113
Montreal, Quebec
Canada, H4Z 1M1

Revision History

Version	Date	Author	Section	Change History
10.1	19May 2010	M Irons		Initial Publication – Numbering to be kept in line with the PADIS EDIFACT MESSAGE STANDARD release schedule
10.1	29Dec 2010	P Heilig		Made editorial changes to segment layouts and example.
11.1	09Jan 2011- 27Jul 2011	A Colbath M. Odgers M.Zitkova		<ul style="list-style-type: none"> - Editorial changes based on comments from governments and technical staff - Editorial changes based on comments from governments - Additional editorial changes based on comments from governments - Agreed changes from the 04-05May11 PNRGOV Working Group. - Removed business case examples and add them to Appendix - Editorial changes - Corrected an error in example 5 of section 5.25.
12.1	27 Jun 2012	M-C Colin/ A. Colbath		- Agreed changes from 11-12Nov, 14-15Feb12 and 9-10 May12 PNRGOV Working Groups
12.1	17 Jul 2012	M.Zitkova		Formatting changes required for the publication
12.1	30 Jul 2012	M. Zitkova		Editorial changes
12.1	3 Aug 2012	M. Zitkova		Modification of example 3 in 5.28.1 and example 5 in 5.28.2.



1. INTRODUCTION.....	1
1.1. PNRGOV MESSAGE VERSION RELEASE	1
1.1.1 PROGRESSION LISTING	1
1.1.2 ERRATA	1
1.2. DOCUMENT STRUCTURE	2
1.3. HOW TO USE THIS DOCUMENT	2
1.4. GUIDELINES AND RULES.....	3
1.5. CODE SETS.....	4
1.6. REFERENCES.....	4
2 MESSAGE RELATIONSHIP.....	5
2.1 PNRGOV	5
2.2 GOVREQ.....	6
3 MESSAGE STRUCTURE.....	7
3.1 MESSAGE SEGMENT DESCRIPTIONS (PNRGOV).....	8
3.1 PUSH OF PNR DATA TO STATE - (PNRGOV).....	10
3.2 ACKRES – ACKNOWLEDGEMENT RESPONSE –STATES	12
3.3 PNRGOV ADHOC REQUEST (GOVREQ).....	13
4 UNITED NATIONS SERVICE SEGMENTS.....	14
4.1 UNA: SERVICE STRING ADVICE.....	14
4.2 UNB: INTERCHANGE HEADER	16
4.3 UNE: FUNCTIONAL GROUP TRAILER.....	18
4.4 UNG: FUNCTIONAL GROUP HEADER.....	19
4.5 UNH: MESSAGE HEADER	21
4.6 UNT: MESSAGE TRAILER.....	23
4.7 UNZ: INTERCHANGE TRAILER	23
5 PADIS RESERVATIONS SUB-GROUP APPROVED SEGMENTS.....	24
5.1 ABI: ADDITIONAL BUSINESS SOURCE INFORMATION (PNRGOV)	24
5.2 ADD: ADDRESS INFORMATION (PNRGOV).....	25
5.3 APD: ADDITIONAL PRODUCT DETAILS (PNRGOV).....	26
5.4 DAT: DATE AND TIME INFORMATION (PNRGOV).....	27
5.5 EBD: EXCESS BAGGAGE DETAILS (PNRGOV).....	28
5.6 EQN: NUMBER OF UNITS	29
5.7 ERC: APPLICATION ERROR INFORMATION	30
5.8 FAR: FARE INFORMATION (PNRGOV).....	31
5.9 FOP: FORM OF PAYMENT (PNRGOV).....	32
5.10 FTI: FREQUENT TRAVELLER INFORMATION (PNRGOV).....	33
5.11 IFT: INTERACTIVE FREE TEXT (PNRGOV)	34
5.12 LTS: LONG TEXT STRING (PNRGOV).....	35
5.13 MON: MONETARY INFORMATION (PNRGOV).....	36
5.14 MSG: MESSAGE ACTION DETAILS (PNRGOV), (ACKRES).....	37
5.15 ORG: ORIGINATOR OF REQUEST DETAILS (PNRGOV)	38
5.15.1 ORG: Push PNR Data to States - PNRGOV	38
5.15.2 ORG: PNRGOV Adhoc Request - GOVREQ	40
5.16 PTK: PRICING/TICKETING DETAILS (PNRGOV).....	41
5.17 RCI: RESERVATION CONTROL INFORMATION (PNRGOV).....	43
5.18 REF: REFERENCE INFORMATION (PNRGOV).....	44
5.19 RPI: RELATED PRODUCT INFORMATION (PNRGOV)	44
5.20 SAC: SOURCE AND ACTION INFORMATION (PNRGOV)	45
5.21 SRC: SEGMENT REPETITION CONTROL (PNRGOV).....	46
5.22 SSD: SEAT SELECTION DETAILS (PNRGOV)	47
5.23 SSR: SPECIAL REQUIREMENTS DETAILS (PNRGOV)	48



5.24	TBD: TRAVELER BAGGAGE DETAILS/ELECTRONIC TICKETING (PNRGOV)	50
5.25	TIF: TRAVELLER INFORMATION (PNRGOV).....	51
5.26	TKT: TICKET NUMBER DETAILS (PNRGOV)	52
5.27	TRI: TRAVELLER REFERENCE INFORMATION (PNRGOV)	53
5.28	TVL: TRAVEL PRODUCT INFORMATION (PNRGOV)	54
5.28.1	<i>Flight Details for Passenger data sent</i>	54
5.28.2	<i>Flight Itinerary</i>	56
5.28.3	<i>Codeshare information</i>	58
5.28.4	<i>Non Air Segments</i>	60
5.29	TXD: TAX DETAILS (PNRGOV).....	62
6	CODE SETS.....	63
7	BUSINESS CASE EXAMPLES	64
7.1	PNRGOV - TWO PASSENGERS TRAVELING INTERNATIONALLY.....	64
7.1	BUSINESS CASE EXAMPLES.....	66
	APPENDIX A – CONTRL MESSAGES.....	67
	APPENDIX B – BUSINESS CASE EXAMPLES.....	69

1. INTRODUCTION

The purpose of this document is to describe the recommended usage of the Passenger and Airport Data Interchange Standards PNRGOV EDIFACT Message Standards. These messages are intended to facilitate the exchange of data relevant to government requirements on PNR data and Airlines reservation systems.

This document was developed, and will be maintained, by the IATA/ATA PNRGOV Sub-Group in coordination with the Passenger and Airport Data Interchange Standards Reservations Sub-Group.

This will be a living document and will be updated as necessary. If there are any changes to the message structure, the change process defined in the PNRGOV Principles Document should be followed.

1.1. PNRGOV MESSAGE VERSION RELEASE

Version control will be handled in the following manner:

- Message structure change requires a new version of the message and new version of the Implementation Guide.
- Minor changes can be kept in the Errata document attached to a specific release of the Implementation Guide and eventually incorporated into the next new release and new version of the same.
- Any text pending formal approval by the WCO API Contact Committee and/or the PADIS Board will be shaded in grey.

1.1.1 PROGRESSION LISTING

This table lists all current PNRGOV EDIFACT messages and shows in which PNRGOV Implementation Guide document release a message was modified from its previous publication. A bold version release shows the first publication of that message. A minus "-" sign indicates the message was not modified in that particular version release of the Message Standards.

TAG	Version Release Progression														
PNRGOV	10.1	-	11.1	-	12.1										
ACKRES	10.1	-	11.1	-	12.1										
GOVREQ	-	-	-	-	12.1										

1.1.2 ERRATA

An ERRATA sheet will be maintained for each release and will be stored on the IATA website along with the corresponding Implementation Guide.

- Each entry in the Errata sheet will include a sequence number, date included in ERRATA, Implementation Guide paragraph reference, current text and/or problems description for charts, required change in text and/or change description for charts, reason for change, and who submitted the ERRATA item. .
- Once an entry is made in Errata sheet, the PNRGOV group will receive a notification.
- The Errata sheet is intended only for minor corrections. Issues which require debate by the group must be submitted, together with a proposed solution, as formal agenda items to a PNRGOV Working Group meeting.
- Once changes are approved by the PNRGOV group, the group will notify WCO of changes made to the PNRGOV implementation guide.

1.2. DOCUMENT STRUCTURE

This document contains the following eight sections:

Introduction

Contains an overview and guidelines for use of the document.

Message Relationships

Describes the relationships between query messages and the expected response message for the different business functions listed. The function of a message can be modified, in some cases, by the use of data element 1225 in a MSG segment. This will be indicated as such in the message relationship section.

Message Structure

Shows in diagrammatic format each approved PADIS PNRGOV message. The diagrams show the construction of the message and the data segments used. The hierarchy of the segments is indicated by means of data levels.

Service Segments

Refer to the Architecture for IATA Interactive EDIFACT, and the ISO 9735 for United Nations Service Segments standards. For use in the PADIS Reservations environment, the service segments including the UNH have been described in greater detail in Section 4.

Data Segments

Lists in alphabetical order all data segments that are part of the messages contained in this document. For each segment there will be a list of the composites and data elements used to construct the segment and an indication of how these elements are commonly used. To cater for different business requirements, there may be multiple definitions of the same data segment.

Examples

For every business function listed there will be at least one example of the data to be transmitted. No response is anticipated except for an acknowledgement that the message has been received.

States' Legal Requirements

Each States legal requirements will be listed separately including a mapping to the PNRGOV Message structure where the information is held. This information will be mapped out to segment and element level. The same information may be found in different places, depending on the structure and contents and how this is stored in different reservation systems.

The IATA PNRGOV Principles Document contains a recap of the governments requirements. Additionally, IATA maintains a copy of the legislation on their API-PNR World Tracker extranet site. Use the following link to access this information:

[Link for already registered users:](#)

<https://extranet2.iata.org/sites/facilitation/Lists/API%20World%20Tracker/By%20Country.aspx>

[Link to register for access to the FAL extranet site containing the API-PNR World Tracker:](#)

<http://www2.iata.org/registration/getemailpage.aspx?siteurl=facilitation>

Appendices

As necessary, appendices will be added to the Implementation Guide.

Appendix A – contains details concerning the UN CONTROL message (Syntax and Service Report).

Appendix B – contains detailed business examples from a number of airlines.

1.3. HOW TO USE THIS DOCUMENT

The PNRGOV, ACKRES and GOVREQ messages are currently the only EDIFACT Message documented in this Implementation guide.

The guide contains complete description of the Message Structure, segments and elements with notes and examples.

1.4. GUIDELINES AND RULES

For all implementation guide additions and updates to Section 5 (Segments), the following rules apply to the format and contents, including definitions of special notations:

1. Data segments appear for each business function in Section 5.0.
2. If the information is the same for multiple business functions, the data segment will not be repeated.
3. If an 'N/A' appears in the 'Mandatory/Conditional' column, it indicates that the composite element or data element is conditional in the PADIS Message Standards, but for this function no applicable use has been identified. In such cases, all columns of the chart are completed, except "Common Usage", "Code Set" and "Comments". "Common Usage" and "Code Set" columns are marked "--" and the "Comments" column is left blank. If a composite is conditional and all component data elements are N/A, the composite is shown as N/A. If the composite is N/A, then all the component data elements will be shown as N/A.
4. If a composite or data element is defined as conditional in the IATA approved message but must be mandatory to complete a business function, the composite or data element will be indicated with a M for mandatory along with an asterisk (*). The M* will indicate the status differs from the PADIS Message Standard.
5. All elements marked as "C" (conditional) or as "M" or "M*" (mandatory) will have all columns of the charts completed as appropriate. When an element has multiple occurrences and is marked as M or M*, the first occurrence is considered mandatory and subsequent occurrences are considered conditional.
6. Where a State's requirements differ for "Conditional" fields from the standard implementation guide, a separate supplemental document will be provided by the State(s) detailing which "Conditional" fields are "Mandatory" for that State. Provisions in paragraphs 1.5.1 and 1.5.2 of the "Principles, Functional and Business Requirements PNRGOV" shall be respected. These differing requirements will not change the structure of the message.
7. Where a State's requirements differ from the standard implementation guide, a separate supplemental document will be provided by the State(s). This will not change the structure of the message.
8. If an element is a coded value, "Yes" is indicated in the "Code Set" column. If it is not a coded value, the column is marked "--".
9. In general, dates and times are expressed in local time except where specifically noted; such as, the UNB where the time will be expressed in Greenwich Mean Time (GMT) or Universal Time Coordinated (UTC). Where GMT is specified in the examples, UTC equally applies. However, due to different systems criteria, the subject of date/times in various fields from various sources (e.g., centralized reservations and DCS for local vs. centralized system) should be addressed in the bilateral discussions between governments/airlines/system providers. .
10. The "Field Type" refers to the field length as defined within the message and should match the value indicated in the most current PADIS Message Standards document.
11. "Common Usage" refers to the length and characteristics typically used to define that data element. This information is used to show how a data element should be used for this segment within the travel industry. Because existing data elements were used to create certain elements, the "Field Type" characteristics exceed the actual requirements of the data element. "Common Usage" exists to better define the characteristics of the data element. This column should be consistent with similar elements.
12. The "Comments" column will use consistent wording for the same elements across the segments if they are used in the same way.
13. Each segment is followed by "Notes" (if applicable) and by segment examples. However, "Notes" are only included if they are necessary to explain the usage.
14. Each segment and message will have enough examples to show the standard usage as defined by the PADIS group.

15. For numeric fields, see reference Part 1 ISO 9735 Syntax Rules, Section 10.
16. The full stop (period .) or the comma (,) is allowed to represent the decimal mark. Either is acceptable within the interchange but both cannot be used in the same interchange.
17. The length of a numeric data element value shall not include the minus sign (-), the decimal mark (.), or the exponent mark (E or e).
18. When a decimal mark is used, there shall be at least one digit after the decimal mark.
19. When a segment appears at more than one level, it is reflected only once, with composites and data elements conditional as applicable.
20. The first segment in a group is mandatory and is the segment that triggers the group. Some trigger segments may be exchanged without data. In such cases these are noted with a pound (#) sign in the message diagram segment list in Section 3.2
21. For the purpose of the PNRGOV documentation all Airlines are referred to as Carriers and all governments are referred to as States.

1.5. CODE SETS

Codes used in codesets are used to define the values for the relevant business item. All codesets utilized in the PNRGOV message are defined in the **PASSENGER AND AIRPORT DATA INTERCHANGE STANDARDS - Codeset Directory**.

If additional codes are required, requests should be submitted to the PADIS Reservation Sub-group for approval prior to them being submitted in the PADIS Board vote for inclusion in the standards.

1.6. REFERENCES

The following documents may be used as additional references to the PNRGOV Implementation Guide:

- IATA PNRGOV Principles Document
- IATA PASSENGER AND AIRPORT DATA INTERCHANGE STANDARDS - MESSAGE STANDARDS DOCUMENT
- IATA PADIS EDIFACT and XML Codeset
- IATA Reservations Interline Message Procedures – Passenger (AIRIMP)
- IATA Passenger Services Conference Resolutions Manual (PSCRM)
- IATA Airline Coding Directory
- ISO 9735 – Version 4
- IATA SYSTEMS AND COMMUNICATIONS REFERENCE, VOLUME 6 – INTERACTIVE EDIFACT ARCHITECTURE

Definitions of common terms used within the airline industry can be found on the IATA website by accessing the IATA website as follows:

1. Go to the home page www.iata.org
2. Do a search on the word “glossary”
3. Download the spreadsheet entitled “[passenger-glossary-of-terms.xls](#)”

2 MESSAGE RELATIONSHIP

This Section describes the possible query and response relationship of the messages developed for PNRGOV function. The following convention is used to represent the possible relationships between messages; a solid line (_____) indicates the primary relationship; and a broken line (-----) indicates an optional relationship.

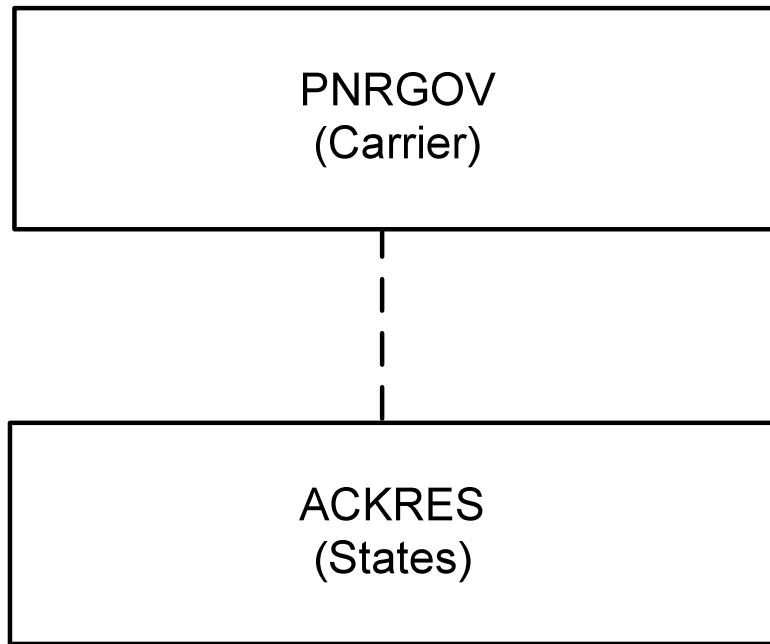
The message diagram depicts the message relationship by showing the query origin in the top box and the response origin in the bottom box.

A CONTRL message (See Appendix A) is used:

- (a) to respond to any message, indicating that a non-application error was encountered (usage not illustrated in message relationship diagrams)
- (b) to acknowledge receipt of specific messages for which no paired response exists (as illustrated in the message relationship diagrams)

2.1 PNRGOV

The following messages are used by airlines, airline service suppliers and States to exchange PNR related data information.



Note: Data element 1225 of composite C302 in segment MSG defines the business function of the message.

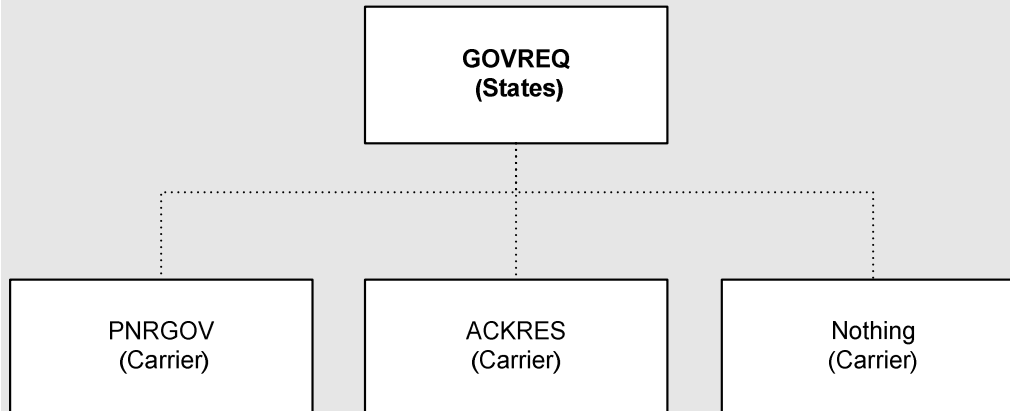
Transactions:

PNRGOV	(Element 1225 = 22)	Push PNR data to States
ACKRES	(Element 1225 = 23)	Acknowledgement from States receipt of push PNR data

The ACKRES message is only sent where there is a Bilateral Agreement between Carrier and State to do so.

2.2 GOVREQ

The following messages are used by States to make an Adhoc request for a PNRGOV. The request may be for a specific airline/flight number/date or for a specific record locator. Implementation of this message requires a bilateral agreement between the government and the carrier. This message is to be used only in exceptional situations.



Notes: Date element 1225 of composite C302 in segment MSG defines the business function of the message.

Message Functions:

43	Flight Report
77	Record locator request

The Bilateral Agreement defines the conditions under which the messages are exchanged. One of three results may occur:

- The carrier may respond with the PNRGOV message.
- The carrier may respond with the ACKRES message indicating one of two conditions: 1. The message is acknowledged and PNRs will be sent, or 2. errors are detected in the request, the ACKRES contains error codes to describe the error.
- The carrier may not respond and process according to carrier defined procedures.

3 MESSAGE STRUCTURE

This document describes the message structure for the IATA approved PADIS PNRGOV and other related EDIFACT messages to support the PNRGOV process.

In reference to the message diagrams, segments at Level 0 are not repeated and apply to the entire message. The first segment in a group is mandatory and is called the trigger segment. Segments at levels below the trigger segment apply to the group and not the entire message.

The order of segments within a group are read top to bottom, left to right.

If a group/segment is not shown in the diagram, this indicates it is not needed for the message function. Group numbers will remain for the full message diagram as defined in the message directory.

3.1 MESSAGE SEGMENT DESCRIPTIONS (PNRGOV)

The following information is intended to provide a high level understanding as to what data is contained in the individual segment at the various Groups and Levels in the PNRGOV message. More details are provided in the individual segment sections.

- UNA -Service String Advice
- UNB - Interchange Header Segment
- UNG - Functional Group Header
- UNH - message header information
- MSG - specifies the function of the message
- ORG - specifies the sender of the message
- TVL - the flight (departure date/time, origin, destination, operating airline code, flight number, and operation suffix) for which passenger data is being sent.
- EQN - the number of passenger records being sent in the message

GR.1 - repeats for each passenger record sent

- SRC - contains no data
- RCI - the record locator(s) for this passenger record
- SSR - special service data that applies to all passengers/ flights
- DAT - date of most recent ticket issuance and last PNR transaction date/time
- IFT - other service information (OSI) for all passengers/flights
- ORG - origination of the booking
- ADD - contact information
- EBD - excess baggage information for all passengers

GR.2 - repeats for each surname in the passenger record

- TIF - a passenger surname; indication of type - only use for group; a given name, PTC code, possible traveler reference to SSRs, FF's and other info, and a traveling with infant indicator. Repeats for each passenger name.
- FTI - frequent traveler numbers for the passenger in the TIF
- IFT - other service information (OSI) for this passenger
- REF - unique passenger reference id
- EBD - excess baggage information for this passenger(s)
- FAR - fare info - PTC code, age, discounted fare type, percent of discount or country code, in-house fare type/corporate contract number, and fare basis code
- SSR - special service data that applies to the passenger for all flights
- ADD - emergency contact information and/or UMNR delivery and collection addresses

GR.3 - repeats for each ticket associated to this passenger

- TKT - ticket number, total number of booklets issued, in connection doc info
- MON - ticket amount
- PTK - pricing information for this ticket
- TXD - tax amounts for this ticket
- DAT - Date of ticket issuance for each ticket

GR.4 - form of payment information

- FOP - type of form of payment, credit card info, and other form of payment information associated with a ticket.
- IFT - sponsor information
- ADD - credit card billing information

GR.5 - repeats for each flight segment in the passenger record's itinerary

- TVL - date/time of departure, arrival time, origin and destination, marketing & operating airline code(s), flight number, reservation booking designator, operational suffix.
- RPI - flight booking status and number of passengers for this flight
- APD - type of aircraft
- SSR - special service requests that apply to this flight
- RCI - passenger record locator specific to this flight
- IFT - other service information (OSI) for this flight

GR.6 - Check in information for each flight in the itinerary

DAT - check-in time

ORG - the agent info that checked-in the passenger

GR.7 - boarding, seat number and checked bag info

TRI - sequence/boarding number for this check-in

TIF - the checked-in name

SSD - actual seat number (row and column)

TBD - checked bag information

GR.8 - split passenger record locator

EQN - the number of passengers split to/from a passenger record

RCI - the split record locators

GR.9 - non-air segments

MSG - specifies the type of non-air segment such as car, hotel, rail

TVL - non-air segment information

GR.10 - repeats for each occurrence of a history credit

ABI - originator of change and agent id

DAT - history time stamp

GR.11 - one line in a history credit

SAC - history action code

TIF - history passenger name changes

SSR - history special service requirement changes

IFT - history other service information changes

TBD - History Baggage Details

GR.12 - history flight information

TVL - flight dates, departure/arrival airport/city codes, airline, flight number, etc.

RPI - flight booking status and number of passengers

LTS - unformatted history information

UNT - Message Trailer Information

UNE - Functional Group Trailer

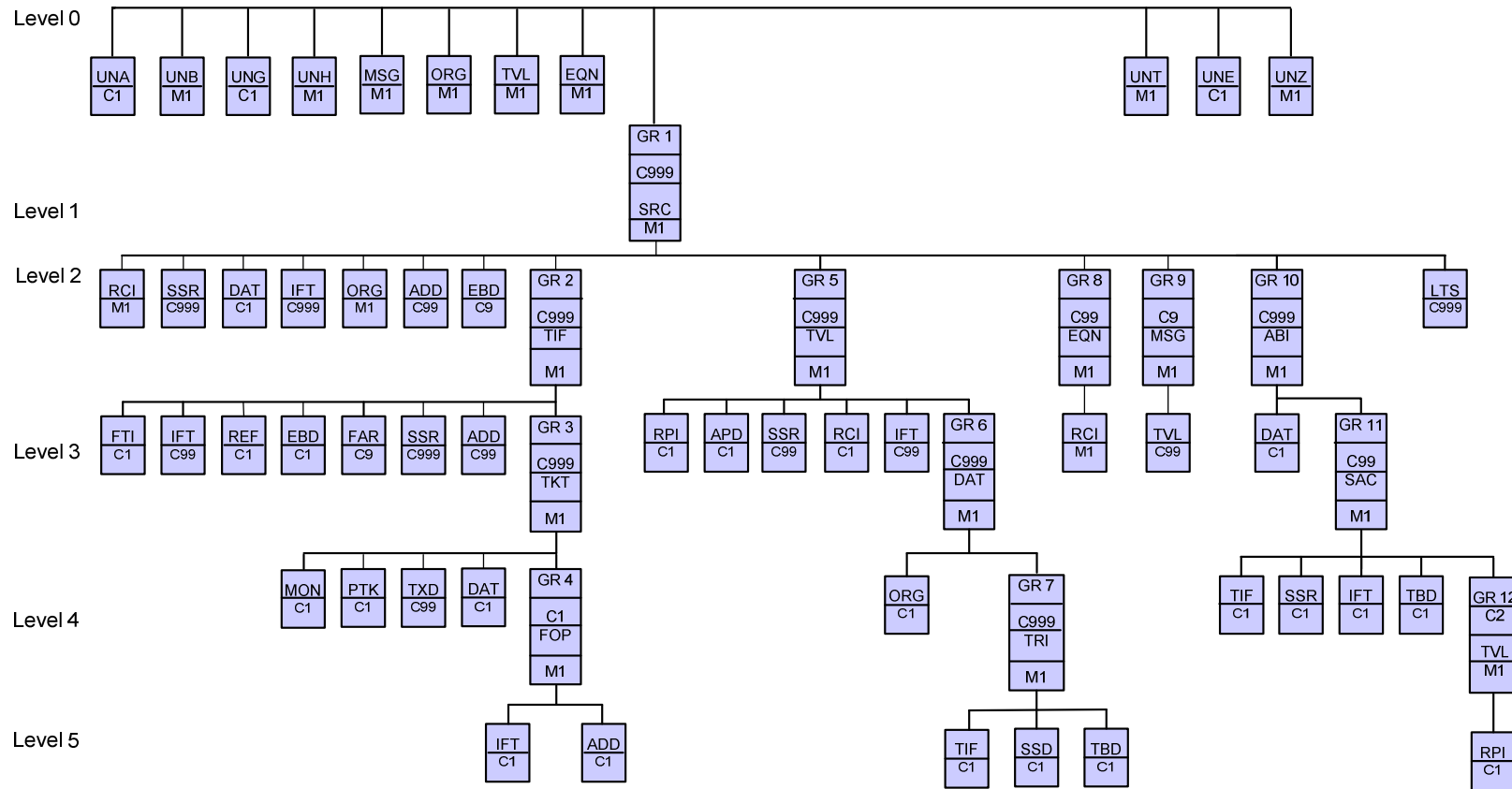
UNZ - Interchange Trailer

It should be noted that the message structure for ACKRES and GOVREQ are simple and therefore do not require a segment description as defined above for PNRGOV.

3.1 Push of PNR DATA to State - (PNRGOV)

Function: This message enables airlines to send data relevant to State requirements for passenger data in airline reservation systems.

PNRGov Message Structure



Segments:

ABI	Additional business source information
ADD	Address Information
APD	Additional product details
DAT	Date and time information
EBD	Excess Baggage Details
EQN	Number of units
FAR	Fare information
FOP	Form of Payment
FTI	Frequent Traveler Information
IFT	Interactive free text
LTS	Long Text String
MON	Monetary information
MSG	Message action details
ORG	Originator of request details
PTK	Pricing/ticketing details
RCI	Reservation control information
REF	Reference information
RPI	Related product information
SAC	Source And Action Information
SRC #	Segment repetition control
SSD	Seat Selection Details
SSR	Special Requirements Details
TBD	Traveler Baggage Details
TIF	Traveler information
TKT	Ticket number detail
TRI	Traveller Reference Information
TVL	Travel product information
TXD	Tax details
UNA	Service String Advice
UNB	Interchange Header Segment
UNE	Functional Group Trailer
UNG	Functional Group Header
UNH	Message Header
UNT	Message Trailer
UNZ	Interchange Trailer

Trigger segment

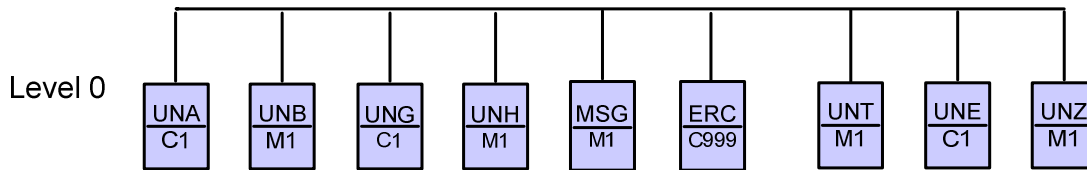
Some segments may occur multiple times in the structure. Some of these are due to name relation and/or segment relation. Where the usage differs depending on grp or level, an explanation is provided under each segment and also mapped back into each country's requirements in the Appendices.

3.2 ACKRES – Acknowledgement Response – States

Function: The ACKRES is used as a response under two possible conditions:

- If a State is responding to receipt of a PNRGOV from a carrier – As bilaterally agreed, to provide a response to the carriers as to whether the PNRGOV message was received.
- If a carrier is responding to receipt of a GOVREQ from a State – As bilaterally agreed, to provide a response to the State as to whether the GOVREQ message was received.

ACKRES – Acknowledgement Response



Segments:

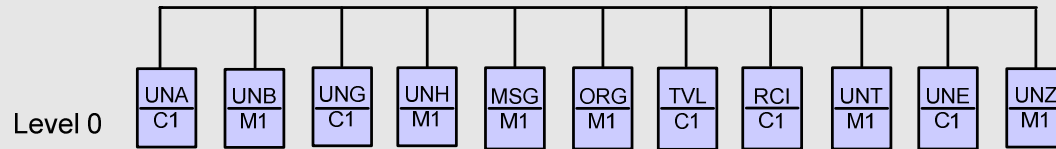
- ERC Errors identified in the message (coded) if sent to Carrier
- MSG To identify the message function being acknowledged and the result of the processing (successful, partially processed, etc.)
- UNA Service String Advice
- UNB Interchange Header Segment
- UNE Functional Group Trailer
- UNG Functional Group Header
- UNH Message Header Information
- UNT Message Trailer Information
- UNZ Interchange Trailer

Note: It is anticipated that through the provision of an acknowledgment message, Carriers will be able to automatically resend the messages if not delivered or incorrect data. This would be a system generated resend rather than one as a result of manual intervention.

3.3 PNRGOV ADHOC Request (GOVREQ)

Function: This message enables a State to make an adhoc request for PNRs of a specified airline/flight/date or record locator. The use of this message is controlled by a bilateral agreement between the State and the carrier.

GOVREQ – Government Request



Segments:

MSG	Message action details
ORG	Originator of request details
RCI	Reservation control information
TVL	Travel product information
UNA	Service String Advice
UNB	Interchange Header Segment
UNE	Functional Group Trailer
UNG	Functional Group Header
UNH	Message Header
UNT	Message Trailer
UNZ	Interchange Trailer

Notes:

1. The MSG should specify whether the request is for an airline/flight number/date or for a record locator.
2. If the request is for an airline/flight number/date, the TVL should be included in the request and the RCI should be omitted from the request.
3. If the request is for a record locator, the RCI should be included in the request and the TVL should be omitted from the request.

4 UNITED NATIONS SERVICE SEGMENTS

The United Nations Service Segments should be referenced in ISO 9735 and the Architecture for IATA Interactive EDIFACT. The IATA Architecture Strategy Group, along with its working groups, has made some changes to the service segments to satisfy the requirements of interactive EDIFACT. The UNB and UNZ should be implemented as they are described in the ISO 9735.

As per ISO 9735, the service segments are sequenced in a message in the following order:

UNA Service String Advice
 UNB Interchange Header Segment
 UNG Functional Group Header
 UNH Message Header
(BODY of MESSAGE)
 UNT Message Trailer
 UNE Functional Group Trailer
 UNZ Interchange Trailer

For ease in locating the service segment specification in this section, the service segments are defined in alphabetical order

4.1 UNA: SERVICE STRING ADVICE

Function: The Service String Advice (UNA) is Conditional and provides the capability to specify the service characters (delimitation syntax) used within the interchange. The UNA service string advice *must* be used if the service characters differ from the defaults. The UNA is optional if the default characters are used.

When used, the service string advice appears immediately before the interchange header segment. The service string advice shall begin with the upper case characters UNA immediately followed by six characters in the order shown below. The same character shall not be used in more than one position of the UNA.

Default Service Characters		
Name	Graphic Representation	Functionality
Colon	:	Component Data Element Separator
Plus sign	+	Data Element Separator
Full stop or Comma	. or ,	Decimal Mark
Question mark	?	Release Character
Asterisk	*	Repetition Separator
Apostrophe	'	Segment Terminator

Description	No.	Field Type	Comm Usage	Status	Max Rep	Code Set	Comp.	Values / Comments
COMPONENT DATA ELEMENT SEPARATOR	UNA1	an1	an1	M	1	-	-	
DATA ELEMENT SEPARATOR	UNA2	an1	an1	M	1	-	-	
DECIMAL MARK	UNA3	an1	an1	M	1	-	-	
RELEASE CHARACTER	UNA4	an1	an1	M	1	-	-	
REPETITION SEPARATOR	UNA5	an1	an1	M	1	-	-	
SEGMENT TERMINATOR	UNA6	an1	an1	M	1	-	-	

Note:

- UNA1 through UNA6 represent the UN notation for positional values as opposed to normal representation using data element numbers. In this case where positional values are used, standard separators for standalone data elements are not used in the UNA segment. The data is simply a string of characters with each position defining a specific delimiter and its use.

Examples:

- Default characters for UNA service string
UNA:+.?*
- In this example, the right-parens represents the exception to the default Segment Terminator.
UNA:+.?)
- In this example, default characters have been replaced with specific system service string.
UNA*(.-#
- In this example, Component Data Element Separator and Data Element Separator are unchanged, while Release Character, Repetition Separator and Segment Terminator are changed
UNA:+.@?\$\$

4.2 UNB: INTERCHANGE HEADER

Function: To start, identify and specify an interchange.

Composite/Data Element	No.	Field Type	Comm Usage	Status	Max Rep	Code Set	Comp.	Values / Comments
SYNTAX IDENTIFIER	S001	-	-	M	1	-	-	
Syntax identifier	0001	a4	a4	M	1	-	S001	IATA
Syntax version number	0002	n1	n1	M	1	-	S001	1
INTERCHANGE SENDER	S002	-	-	M	1	-	-	
Sender identification	0004	an..35	an..35	M	1	-	S002	'AIRLINE1' Sender of the message
Partner identification code qualifier	0007	an..4	-	N/A	-	-	-	
Address for reverse routing	0008	an..14	-	N/A	-	-	-	
INTERCHANGE RECEIVER	S003	-	-	M	1	-	-	
Recipient identification	0010	an..35	an..35	M	1	-	S003	'NZCS' Receiver of the message
Partner identification code qualifier	0007	an..4	-	N/A	-	-	-	
Routing address	0014	an..14	-	N/A	-	-	-	
DATE AND TIME OF PREPARATION	S004	-	-	M	1	-	-	
Date of preparation	0017	n6	n6	M	1	-	S004	'091128' The default format is 'YYMMDD' (n6)
Time of preparation	0019	n4	n4	M	1	-	S004	'0900' The default format is 'HHMM' (n4)
INTERCHANGE CONTROL REFERENCE	0020	an..14	an..14	M	1	-	-	'00000001' Will be repeated in UNZ data element 0020
RECIPIENTS REFERENCE PASSWORD	S005	-	-	N/A	-	-	-	
Recipient reference password	0022	an..14	-	N/A	-	-	S005	
Recipient reference password qualifier	0025	an..2	-	N/A	-	-	S005	
APPLICATION REFERENCE	0026	an..14	an..14	C	1	-	-	
PROCESSING PRIORITY CODE	0029	a1	a1	C	1	-	-	
ACKNOWLEDGEMENT REQUEST	0031	n1	n1	C	1	-	-	
COMMUNICATIONS AGREEMENT ID	0032	an..35		C	1	-	-	
TEST INDICATOR	0035	n1		C	1	-	-	

Notes:

1. The conditional status (C) of elements within this segment is used to indicate that Border Control Authorities may establish bilateral requirements for these data elements.
2. Elements 0001/0002 recommendation to use +IATA:1
3. Element 0004 is the airline code and 0010 is the targeted specific State entity.
4. Elements 0017 and 0019 are based on UTC (GMT)
5. For systems hosting multiple carriers and/or Ground Handlers, use composite S002, element 0008 for Carrier or ground handling agent (2 or 3 character airline designator, e.g. BD or full term e.g., AEROGROUND, or a bilaterally agreed code). Additionally S003, data element 0014 may be used for the routing address of the recipient or for hub routing for electronic documents.

Examples:

1. Generic example
UNB+IATA:1+AIRLINE1+NZCS+091128:0900+000000001'
2. Message header – Airline to Canadian CBSA
UNB+IATA:1+DL+CBSAPNRGOV+110112:1530+1234567890'

4.3 UNE: FUNCTIONAL GROUP TRAILER

Function: To end and check the completeness of a Functional Group.

Composite/Data Element	No.	Field Type	Comm Usage	Status	Max Rep	Code Set	Comp.	Values / Comments
NUMBER OF MESSAGES	0060	n..6	n..6	M	1	-	-	'1'
APPLICATION SENDER IDENTIFICATION	0048	an..14	an..14	M	1	-	-	'000000001' Must be equal to UNG data element 0048

Note:

1. Data element 0048 used in the UNE must match 0048 used in UNG

Example:

1. UNE+1+000000001'
2. See UNG example 2.
UNE+1+1'
3. See UNG example 3.
UNE+1+901'

4.4 UNG: FUNCTIONAL GROUP HEADER

Function: To head, identify and specify a Functional Group.

Composite/Data Element	No.	Field Type	Comm Usage	Status	Max Rep	Code Set	Comp.	Values / Comments
FUNCTIONAL GROUP IDENTIFICATION	0038	an6	an6	M	1	-	-	PNRGOV
APPLICATION SENDER IDENTIFICATION	S006	-	-	M	1	-	-	
Application Sender identification	0040	an..35	an..35	M	1	-	S006	'AIRLINE1' Sending Application
Partner identification code qualifier	0007	an..4	-	N/A	-	-	S006	
APPLICATION RECIPIENT IDENTIFICATION	S007	-	-	M	1	-	-	
Application Recipient identification	0044	an..35	an..35	M	1	-	S007	'NZCS' Receiving Application
Partner identification code qualifier	0007	an..4	-	N/A	-	-	S007	
DATE AND TIME OF PREPARATION	S004	-	-	M	1	-	-	
Date of preparation	0017	n6	n6	M	1	-	S004	'091128' The default format is 'YYMMDD' (n6)
Time of preparation	0019	n4	n4	M	1	-	S004	'0900' The default format is 'HHMM' (n4)
FUNCTIONAL GROUP REFERENCE NUMBER	0048	an..14	an..14	M	1	-	-	'000000001' Will be repeated in UNE data element 0048
CONTROLLING AGENCY	0051	an..2	an..2	M	1	-	-	IA
MESSAGE VERSION	S008	-	-	M	1	-	-	
Message Type Version Number	0052	an..3	an..3	M	1	-	S008	'10' (for example)
Message Type Release Number	0054	an..3	an..3	M	1	-	S008	'1' See Note 2.
Association assigned code	0057	an..6	an..6.	C	1	-	-	
APPLICATION PASSWORD	0058	an..14	an..14	C	1	-	-	

Notes:

1. The conditional status (C) of elements within this segment is used to indicate that Border Control Authorities may establish bilateral requirements for these data elements.
2. Border Control Authorities may establish bilateral requirements for the value placed in these data elements.
3. Data element 0048 used in the UNE must match 0048 used in UNG

Examples:

1. An example of an airline sending to a State agency

UNG+PNRGOV+AIRLINE1+NZCS+091128:0900+000000001+IA+10:1'

2. See UNE example 2.

UNG+PNRGOV+UA+USADHS+070218:1545+1+IA+D:05B'

3. See UNE example 3

UNG+PNRGOV+AF+USADHS+070218:2100+901+IA+D:05B'

4.5 UNH: MESSAGE HEADER

Function: To head, identify and specify a Functional Group.

Composite/Data Element	No.	Field Type	Comm Usage	Status	Max Rep	Code Set	Comp.	Values / Comments
MESSAGE REFERENCE NUMBER	0062	an..14	an..14	M	1	-	-	'MSG001' Will be repeated in UNT data element 0062
MESSAGE IDENTIFIER	S009	-	-	M	1	-	-	
Message type	0065	an..6	a6	M	1	-	S009	PNRGOV
Message version number	0052	an..3	n2	M	1	-	S009	10
Message release number	0054	an..3	n1	M	1	-	S009	'I' See Note 2.
Controlling agency, coded	0051	an..2	a2	M	1	-	S009	IA
Association assigned code	0057	an..6	-	N/A	-	-	S009	
Code list directory version number	0110	an..6	-	N/A	-	-	S009	
Message type sub-function identification	0113	an..6	-	N/A	-	-	S009	
COMMON ACCESS REFERENCE	0068	an..35	an..35	C	1	-	-	Initiator's key. As per ISO 9735:CARF is a Key to relate all subsequent transfers of data to the same business case or file.
STATUS OF THE TRANSFER	S010	-	-	C	1	-	-	
Sequence of transfers	0070	n..2	n..2	M	1	-	S010	
First and last transfer	0073	a1	a1	C	1	-	S010	
MESSAGE SUBSET IDENTIFICATION	S016	-	-	N/A	-	-	-	
Message subset identification	0115	an.14	-	N/A	-	-	S016	
Message subset version number	0116	an..3	-	N/A	-	-	S016	

Note:

1. The conditional status (C) of elements within this segment is used to indicate that Border Control Authorities may establish bilateral requirements for these data elements.
2. When used in an ACKRES, the data elements 0068 and 0070 should carry the same values as the UNH of the message for which it is providing acknowledgement.

Examples:

1. UNH with data element 0068 containing Initiator's key and Responder's key:
UNH+1+PNRGOV:10:1:IA+0976310900003C'
2. S010/0070 and 0073 might be used to indicate messages that have to be broken up into multiple transmission because of size.
3. UNH for PNR Push and ACKRES.

PNR Push
UNH+1+PNRGOV:10:1:IA+0976310900003C'

ACKRES

UNH+1+ACKRES:10:1:IA+0976310900003C'

4. UNH for PNR Push and ACKRES, where the flight is split across multiple messages, second message.

PNR Push

UNH+1+PNRGOV:11:1:IA+893133434478201+02'

ACKRES

UNH+1+ACKRES:11:1:IA+893133434478201+02'

4.6 UNT: MESSAGE TRAILER

Function: To end and check the completeness of a message by counting the segments in the message (including UNH and UNT) and validating that the message reference number equates to data element 0062 in the UNH segment (when applicable).

Composite/Data Element	No.	Field Type	Comm Usage	Status	Max Rep	Code Set	Comp.	Values / Comments
NUMBER OF SEGMENTS IN A MESSAGE	0074	n..10	n..10	M	1	-	-	'2578'
MESSAGE REFERENCE NUMBER	0062	an..14	an..14	M	1	-	-	'MSG001' Must equal UNH data element 0062

Notes:

- For data element 0074, the number is computed by counting the number of segments used in the message from the UNH to the UNT inclusive.
- For 0062, the value must be identical to the value in 0062 in the corresponding UNH segment.

Examples:

- UNT+2578+MSG001'
- UNT+2578+1'

4.7 UNZ: INTERCHANGE TRAILER

Function: To end and check the completeness of an Interchange.

Composite/Data Element	No.	Field Type	Comm Usage	Status	Max Rep	Code Set	Comp.	Values / Comments
INTERCHANGE CONTROL COUNT	0036	n..6	n..6	M	1	-	-	'1'
INTERCHANGE CONTROL REFERENCE	0020	an..14	an..14	M	1	-	-	'000000001' Must be equal to UNB data element 0020

Example:

- UNZ+1+000000001'

5 PADIS RESERVATIONS SUB-GROUP APPROVED SEGMENTS

This section lists all the segments, in alphabetical order, that are a part of the PADIS PNRGOV EDIFACT Message. For each segment, all composites and elements are listed along with a description, the element or composite number according to the data dictionary, field type, common usage, mandatory or conditional characteristic, number of repetitions, indication of a code set and general comments to assist in better understanding the intent of the composite and/or element.

5.1 ABI: ADDITIONAL BUSINESS SOURCE INFORMATION (PNRGOV)

Function: To specify additional originator and source information.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm Usage	Stat.	Max Rep.	Code Set	Comments
SOURCE TYPE	C337	--	--	M	1	--	
Sector/subject identification qualifier	7293	an..3	an..3	M	2	Yes	To specify this information is the creator of the history credit.
ORIGINATOR DETAILS	C300	--	--	C	1	--	
Travel agent identification details	9900	n..9	n8	C	1	--	ATA/IATA ID number or pseudo IATA number.
In-house identification	9902	an..9	an..9	C	1	--	Identification code assigned to an office/agency by the reservation system. Maybe a pseudo city or city and office number.
In-house identification	9902	an..9	an..9	N/A	1	--	
In-house identification	9902	an..9	--	N/A	1	--	
LOCATION	C328	--	--	C	1	--	
Place/Location Identification	3225	an..25	a3..5	C	1	Yes	The location of the agent making the change.
Place/Location name	3224	an..17	--	N/A	1	--	
COUNTRY, CODED	3207	an..3	an..3	N/A	1	--	
COMPANY IDENTIFICATION	9906	an..35	an..3	C	1	Yes	A 2-3 character airline/CRS code to specify the creator of the change.

Example:

1. The creator of the history credit is a DL agent in Atlanta.

ABI+4+05FD28:GS+ATL++DL'

5.2 ADD: Address Information (PNRGOV)

Function: To specify passenger address information.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
ACTION DETAILS	C031	--	---	N/A	1	--	
Update action code	9858	a1	--	N/A	1	--	
Action request/notification, coded	1229	an..3	--	N/A	9	--	
ADDRESS DETAILS	C032	--	--	M	9	--	
Address purpose code	3299	an..3	an..3	C	1	Yes	Specifies the purpose of the address information, e.g., contact, payer, billing address
Street and number/P.O. Box	3042	an..35	an..35	C	1	--	The street number and name
City name	3164	an..35	an..35	C	1	--	City name
Country sub-entity identification	3229	an..9	an..9	C	1	--	State or province
Country sub-entity name	3228	an..35	an..35	C	1	--	
Country, coded	3207	an..3	an..2	C	1	Yes	Use ISO 3166-1-alpha 2 code
Postcode identification	3251	an..17	an..10	C	1	--	
Free text	4440	an..70	an..70-	C	1	--	Telephone information
Place/location	3224	an..17	--	N/A	1	--	

Notes:

1. The ADD in GR.1 at level 2 may contain a contact address for the PNR.
2. The ADD in GR.2 at level 3 may contain emergency contact information and or/ UMNR delivery and collection addresses.
3. The ADD in GR.4 at level 5 may contain the address of the payer of the ticket.
4. If the address and/or telephone information cannot be broken down in separate elements, the information may be found in OSIs and SSRs.

Example:

1. The contact address is 4532 Wilson Street, Philadelphia, zip code 34288
ADD++700:4532 WILSON STREET:PHILADELPHIA:PA::US:34288'

5.3 APD: ADDITIONAL PRODUCT DETAILS (PNRGOV)

Function: To convey additional information concerning an airline flight.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
ADDITIONAL PRODUCT DETAILS	C314	--	--	C	1	--	Additional details describing a specific means of transport
Type of Means of Transport	8179	an..8	an3	C	1	Yes	UN/IATA code identifying type of aircraft (747, 737, etc.).
Number of Stops	9924	n..3	--	N/A	1	--	
Leg Duration	9926	n..6	--	N/A	1	--	
Percentage	5482	n..8	--	N/A	1	--	
Days of Operation	9928	an..7	--	N/A	1	--	
Date/Time/Period	2380	an..35	--	N/A	1	--	
Complexing Flight Indicator	9950	an1	--	N/A	1	--	
Place/Location Identification	3225	an..25	--	N/A	1	--	
Place/Location Identification	3225	an..25	--	N/A	1	--	
Place Location Identification	3225	an..25	--	N/A	1	--	
STATION INFORMATION	C348	--	--	N/A	1	--	
Gate Description	9870	an..6	--	N/A	1	--	
Related Place/ Location One ID	3223	an..25	--	N/A	1	--	
Related Place/ Location Two ID	3233	an..25	--	N/A	1	--	
STATION INFORMATION	C348	--	--	N/A	1	--	
Gate Description	9870	an..6	--	N/A	1	--	
Related Place/ Location One ID	3223	an..25	--	N/A	1	--	
Related Place/ Location Two ID	3233	an..25	--	N/A	1	--	
MILEAGE/TIME DETAILS	C317	--	--	N/A	1	--	
Measurement Value	6314	n..18	--	N/A	1	--	
Measure Unit Qualifier	6411	an..3	--	N/A	1	--	
First Time	9918	n..4	--	N/A	1	--	
TRAVELLER TIME DETAILS	C318	--	--	N/A	1	--	
First Time	9918	n..4	--	N/A	1	--	
Second Time	9922	n..4	--	N/A	1	--	
Check-In Details	9952	an..10	--	N/A	1	--	
PRODUCT FACILITIES	C320	--	--	N/A	10	--	
Facility Type, Coded	9932	an..3	--	N/A	1	--	
Facility Description, Text	9934	an..70	--	N/A	1	--	
Product Details Qualifier	9970	an..3	--	N/A	1	--	
Characteristic Identification	7037	an..17	--	N/A	26	--	

Example:

- Equipment Type of Boeing 747
APD+747'

5.4 DAT: DATE AND TIME INFORMATION (PNRGOV)

Function: To convey information regarding estimated or actual dates and times of operational events.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
DATE AND TIME DETAILS	C688	--	--	C	99	--	
Date/Time/Period Qualifier	2005	an..3	an..3	C	1	Yes	To identify the type of date to follow
First Date	9916	an..35	n6	C	1	--	A date (ddmmyy).
First Time	9918	n..4	n4	C	1	--	A time (hhmm).
Date/Time/Period Qualifier	2005	an..3	--	N/A	1	--	
First Time	9918	n..4	--	N/A	1	--	
Movement Type	8335	an..3	--	N/A	1	--	
Place/Location Identification	3225	an..25	--	N/A	1	--	

Notes:

1. DAT at GR1 can contain ticket issue date and last PNR transaction date/Time
2. DAT at GR6 will be check-in transaction date/time as stored by RES systems holding DC data
3. DAT at GR10 will hold PNR History transaction date/time

Examples:

1. Latest PNR transaction date and time.
DAT+700:241097:1005'
2. Ticket issuance date and time
DAT+710:041159:0730'
3. Check-in transaction date/time
DAT+2:010604:1800'
4. PNR History transaction date/time
DAT+T:010695:1800'

5.5 EBD: EXCESS BAGGAGE DETAILS (PNRGOV)

Function: To specify information concerning excess baggage charges and the associated baggage details

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
EXCESS BAGGAGE DETAILS	C674	--	--	C	1	--	
Currency, coded	6345	an..3	an..3	C	1	--	The currency code per unit
Monetary amount	5004	n..18	n..18	C	1	--	The rate per unit
Processing indicator, coded	7365	an..3	--	N/A	1	--	
BAGGAGE DETAILS	C675	--	--	C	3	--	
Quantity	6060	n..15	n..2	C	1	--	The total number in excess
Measurement value	6314	n..18	--	N/A	1	--	
Allowance or charge qualifier	5463	an..3	an..3	C	1	Yes	Specifies if pieces or weight
Measure unit qualifier	6411	an..3	an..3	C	1	Yes	If weight, specifies if pounds or kilograms.
Processing indicator, coded	7365	an..3	--	N/A	1	--	
BAGTAG DETAILS	C358	--	--	N/A	99	--	
Company identification	9906	an..35	--	N/A	1	--	
Item number	7140	an..35	--	N/A	1	--	
Total number of items	7240	n..15	--	N/A	1	--	
Place/location identification	3225	an..25	--	N/A	1	--	
Company identification number	9996	an..15	--	N/A	1	--	
Data indicator	9988	n..2	--	N/A	1	--	
Item characteristic, coded	7081	an..3	--	N/A	1	--	
Special requirement type	9962	an..4	--	N/A	1	--	
Measurement value	6314	n..18	--	N/A	1	--	
Measure unit qualifier	6411	an..3	--	N/A	1	--	
Free text	4440	an..70	--	N/A	1	--	

Note:

- Used to send paid baggage information.

Example:

- One piece of baggage over the allowance USD 50
EBD+USD:50.00+1::N'

5.6 EQN: NUMBER OF UNITS

Function: To specify the number of units required.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
NUMBER OF UNIT DETAILS	C523	--	--	M	9	--	
Number of Units	6350	n..15	n..3	M*	1	--	A 1-3 numeric to specify number of PNR or passengers.
Number of Units Qualifier	6353	an..3	--	N/A	1	--	

Notes:

1. The EQN at level 0 is used to identify the number of PNRs for the flight sent
2. The EQN at GR8 is used to identify numbers of passengers split from/to PNR.

Examples:

1. Total number of PNRs
EQN+98'
2. Four passengers split from this PNR.
EQN+4'

5.7 ERC: APPLICATION ERROR INFORMATION

Function: To identify errors in the message sent to the States

Acknowledgement Response – ACKRES

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
APPLICATION ERROR DETAIL	C901	--	--	M	1	--	
Application error, coded	9321	an..3	n..3	M	1	Y	
Code list qualifier	1131	an..3	--	N/A	1	--	
Code list responsible agency, coded	3055	an..3		N/A	1		

Examples:

1. Application Error - Invalid Departure Time
ERC+103'
2. Invalid flight number.
ERC+114'

5.8 FAR: FARE INFORMATION (PNRGOV)

Function: To specify fare information details.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
NUMBER OF UNITS QUALIFIER	6353	an..3	an..3	C	1	Yes	Type of passenger, e.g. adult, child, group, corporate. Used to specify an industry defined pricing passenger type code (PTC).
QUANTITY	6060	n..15	n..3	C	1	--	Age. To specify age related to a child or senior citizen, etc.
FARE DETAILS	C662	--	--	C	1	--	
Number of units Qualifier	6353	an..3	an..3	C	1	Yes	Discounted fare type, related to each PTC code.
Percentage	5482	n..8	n..3	C	1	--	The percent of discount. Discount fare.
Country, coded	3207	an..3	an..3	C	1	Yes	ISO country code in lieu of discounted percentage amount.
Fare classification type, coded	9878	an..3	an..3	C	1	Yes	Discounted fare classification type.
IDENTITY NUMBER	7402	an..35	an..35	C	1	--	In-house fare type/corporate contract number.
FARE TYPE GROUPING INFORMATION	C644	--	--	N/A	1	--	
Pricing Group	5388	an..35	--	N/A	5	--	
RATE/TARIFF CLASS	5242	an..35	an..18	C	9	--	Fare basis code/ticket designator code.

Examples:

- The fare is a 20 percent discounted fare type for an 9 year old child.
FAR+C+9+1:20:US+++YEE3M'
- The fare is an industry discounted passenger traveling on business with space available.
FAR+I++764:4::B2+++C'

5.9 FOP: FORM OF PAYMENT (PNRGOV)

Function: To convey details describing the form of payment

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
FORM OF PAYMENT DETAILS	C641	--	--	M	99	--	
Form of Payment Identification	9888	an..10	an..3	M	1	Yes	Form of payment type
Data Indicator	9988	an..3	an..3	C	1	Yes	To indicate old, new or original form of payment
Monetary Amount	5004	n..18	n..18	C	1	--	Form of payment amount
Company Identification	9906	an..35	an..3	C	1	--	Vendor code (CC)
Reference Number	1154	an..35	an..25	C	1	--	Account number (CC/GR/SGR)
First Date	9916	an..35	n4	C	1	--	Expiration date (CC) (mmyy)
Approval Identification	9889	an..17	-	N/A	1	--	
Source, Coded	9890	an..3	-	N/A	1	--	
Monetary Amount	5004	n..18	-	N/A	1	--	
Verification, Coded	9891	an..3	-	N/A	1	--	
Account holder number	3194	an..70	-	N/A	1	--	
Payment Time Reference, Coded	2475	an..3	-	N/A	1	--	
Free Text	4440	an..70	-	C	1	--	
Membership Status, Coded	7453	an..3	-	N/A	1	--	
Transaction Information	9892	an..35	-	N/A	1	--	

Note:

1. If payment is via credit card, then the provision of the cardholder name is via the IFT if different from the passenger.

Examples:

1. Paid with an American Express card, with an expiration date of 12/11
FOP+CC::416.00:AX:373212341234123:1211'
2. Form of payment is cash.
FOP+CA::731.00'
3. Form of payment is Government receipt.
FOP+GR::200.00::AB123456'
4. Old form of payment was VISA card with an expiration date of August, 2013
FOP+CC:2:628.32:VI:4235792300387826:0813'

5.10 FTI: FREQUENT TRAVELLER INFORMATION (PNRGOV)

Function: To specify frequent traveller information.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
FREQUENT TRAVELLER IDENTIFICATION	C326	--	--	M	9	--	
Company Identification	9906	an..35	an..3	M	1	Yes	Airline designator, coded
Frequent Traveller Identification	9948	an..25	an..20	M	1	--	A code to identify a frequent traveller - the frequent traveller number.
Traveller Reference Number	9944	an..10	--	N/A	1	--	
Status, coded	4405	an..3	--	N/A	1	--	
Membership level	7456	an..35	--	C	1	--	Membership Information
Hierarchical ID Number	7164	an..12	--	N/A	1	--	
Item Description	7008	an..35	--	C	1	--	Tier Description
Company Identification	9906	an..35	--	C	1	--	Alliance Code
Passenger Priority Value	9949	n..4	--	N/A	1	--	

Examples:

1. A United Airlines Frequent Traveller.
FTI+UA:12345678964'
2. Passenger is using frequent flyer account on airline ZZ.
FTI+ZZ:001012693109'
3. Passenger has a British Airways Frequent Traveller number, is a BA GOLD member and description of tier level is GOLD. Passenger also has a One World (code 701) alliance Emerald member.
FTI+BA:12345678:::GOLD::GOLD+BA:12345678:::EMER::EMERALD:701'

5.11 IFT: INTERACTIVE FREE TEXT (PNRGOV)

Function: To provide free form or coded text information.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
FREE TEXT QUALIFICATION	C346	--	--	C	1	--	
Text Subject Qualifier	4451	an..3	an..3	M	1	Yes	See code set values.
Information Type	9980	an..4	an..4	C	1	Yes	A code describing data in 4440
Status, coded	4405	an..3	an..3	C	1	Yes	Fare calculation reporting indicator or pricing indicator
Company Identification	9906	an..35	an..3	C	1	--	Validating carrier airline designator
Language, coded	3453	an..3	--	N/A	1	Yes	ISO Code for Language of free text.
FREE TEXT	4440	an..70	an..70	C	99	--	Free text message

Notes:

- Multiple occurrences of the same type of literal free text should each be contained in a separate IFT segment to avoid confusion regarding where each occurrence begins and ends.
- If the value in code set 4451 indicates that coded information exists, then this coded data pertains to information in element 9980.
- Data in fare calculation is positional information within a free text data element. The data should never be truncated or padded by an EDIFACT handler.
- When data element 4451 is used, it should contain values 1, 3 or 4. All other codes in 4451 code set are SISC codes.

Examples:

- Fare calculation with fare calculation reporting indicator.
IFT+4:15:0+DEN UA LAX 01.82 487.27 UA DEN 487.27 USD976.36 ENDXFDEN3LAX+3'
- OSI information.
IFT+4:28::KL+CTC 7732486972-U'
- Sponsor information.
IFT+4:43+TIMOTHY SIMS+2234 MAIN STREET ATLANTA, GA 30067+770 5632891'

5.12 LTS: LONG TEXT STRING (PNRGOV)

Function: To represent a piece of information that contains multiple lines of text as one whole.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
TEXT STRING DETAILS	9990	an..9999	an..9999	M	1	--	Block of free text up to 9999 characters. May include control characters such as carriage return and line feed.

Notes:

1. Carriage returns and line feeds may corrupt commercial parsers and this will need to be agreed through a bilateral agreement
2. Flown segments are to be included in history.

Example:

1. Unstructured PNR history.
LTS+ LAX GS WW D006217 2129Z/09DEC 02961B AS DL1314U 19FEB MCOATL NN/SS1
1130A 105P AS SEAT RS 29F TRAN/TRINH DL1314 19FEB MCOATL AS DL1319T
23FEB ATLMCO NN/SS1 355P 524P-AS SEAT RS 28A TRAN/TRINH DL1319 23FEB
ATLMCO A\$ 4P A-USD 160.93 TX 33.27 TTL 194.20 WW09DEC AC A ORL DL
ATL87.44UA10A0SJ DL ORL73.49TA10X3SJ USD160.93END ZP MCOATL XF MCO4.5ATL4.5 PS
LAXADLLAX LAXGSWWUS LAXDL -LAX GS WW D006217 09DEC2129Z 02961B XS DL1314U 19FEB
MCOATL NN/HK1 1130A 105P XS SEAT XR/RS 29F TRAN/TRINH DL1314 19FEB MCOATL XS
DL1319T 23FEB ATLMCO NN/HK1 355P 524P XS SEAT XR/RS 28A TRAN/TRINH DL1319 23FEB
ATLMCO X\$ 4P A-USD 160.93 TX 33.27 TTL 194.20 WW09DEC XC A ORL DL ATL87.44UA10A0SJ
DL ORL73.49TA10X3SJ USD160.93END ZP MCOATL XF MCO4.5ATL4.5 XE A-USD XF-9.00/ZP-7.20/AY-
5.00/US-12.07/ XT TKT-TE/1200N/09DEC -LAX GS WW D006217 09DEC2129Z 02961B'

5.13 MON: MONETARY INFORMATION (PNRGOV)

Function: To specify monetary information details.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
MONETARY INFORMATION	C663	--	--	M	20	--	
Monetary amount type qualifier	5025	an..3	an1..3	M	1	Yes	To specify total ticket/document amount
Allowance or Charge number	1230	an..35	an1..18	C	1	--	Amount or text defined by industry standards Reso 720a para 13
Currency, coded	6345	an..3	an..3	C	1	--	ISO currency code
Place/location identification	3225	an..25	--	C	2	--	

Examples:

1. Ticket/document amount is \$0.00 due to an award certificate.
MON+T:AWARD'
2. Ticket/document amount is 297.50 EUR.
MON+T:297.50:EUR'

5.14 MSG: MESSAGE ACTION DETAILS (PNRGOV), (ACKRES)

Function: To specify the message type and business function.

Push PNR Data to States - PNRGOV
Acknowledgement Response- ACKRES
PNRGOV Adhoc Request - GOVREQ

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
MESSAGE FUNCTION / BUSINESS DETAILS	C302	--	--	M*	1	--	
Business Function, Coded	4025	an..3	an..3	C	1	Yes	A code specifying type of service (air, car, hotel, etc.).
Message Function, Coded	1225	an..3	an..3	C	1	Yes	Identifies what action is requested or has been performed.
Code List Responsible Agency, Coded	3055	an..3	--	N/A	1	--	
Message function, coded	1225	an..3	--	N/A	20	--	
RESPONSE TYPE, CODED	4343	an..3	an...3	C	1	Yes	Indicates whether request was processed successfully.

Notes:

1. Business Function, Coded (Element 4025) is only used in the MSG Gr9 of PNRGOV to specify the type of service (car, hotel, train, etc.)
2. If MSG is used at Level 0 of PNRGOV or ACKRES, 4025 is not needed
3. Data element 4343 is M* if the MSG is used in the ACKRES message.
4. Data element 4343 is N/A if the MSG is used in the PNRGOV and GOVREQ messages.

Examples:

1. To specify that the TVL is for a hotel segment.
MSG+8'
2. To specify the function of the message.
MSG+:22'

5.15 ORG: ORIGINATOR OF REQUEST DETAILS (PNRGOV)

Function: To specify the point of sale details.

5.15.1 ORG: Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
SYSTEM DETAILS	C336	--	--	M*	1	--	
Company Identification	9906	an..35	an..3	M*	1	Yes	2-3 character airline/CRS code, or bilaterally agreed code, of the system that delivers the message.
Place/Location identification	3225	an..25	a3..5	C	1	Yes	3 character ATA/IATA airport/city code of the delivering system/originator of the request.
Place/Location Name	3224	an..17	--	N/A	1	--	
ORIGINATOR IDENTIFICATION DETAILS	C300	--	--	C	1	--	
Travel Agent Identification Details	9900	n..9	n8	C	1	--	ATA/IATA travel agency ID number or pseudo IATA travel agency number.
In-House Identification	9902	an..9	an..9	C	1	--	Identification code assigned to an office/agency by the reservation system. May be a pseudo city or city and office number.
In-House identification	9902	an..9	an..9	C	1	--	Identification code that is related to a system key. Access security/entry key into actioning system.
In-House identification	9902	an..9	--	N/A	1	--	
LOCATION	C328	--	--	C	1	--	
Place/Location Identification	3225	an..25	a3..5	M*	1	Yes	A 3 character ATA/IATA airport/city code from where the agent initiates the request.
Place/Location Name	3224	an..17	--	N/A	1	--	
SYSTEM DETAILS	C336	--	--	C	1	--	
Company Identification	9906	an..35	an..3	C	1	Yes	2-3 character airline/CRS code, or bilaterally agreed code, of the system that originates the message, when different from the delivering system.
Place/Location Identification	3225	an..25	a3..5	C	1	Yes	3 character ATA/IATA airport/city code of the system that originates the message.
Place/Location name	3224	an..17	--	N/A	1	--	
ORIGINATOR TYPE CODE	9972	an1	an1	C	1	Yes	One character code for airline agent, travel agent, etc.
ORIGINATOR DETAILS	C354	--	--	C	1	--	
Country, Coded	3207	an..3	an..3	C	1	Yes	ISO country code of the agent.
Currency, Coded	6345	an..3	an..3	C	1	Yes	ISO currency code for currency of originator country.
Language, Coded	3453	an..3	an..3	C	1	Yes	ISO code of language.
ORIGINATOR'S AUTHORITY REQUEST CODE	9904	an..9	an..9	C	1	--	A reference number/ authority code assigned to the requester as in an agent's initials or logon.
COMMUNICATION NUMBER	3148	an..25	an..6	C	1	--	LN=line and IA=interchange address and TA=terminal address.



PARTY ID IDENTIFICATION	3039	an..17	an..17	C	1	--	Group identification such as network id.
-------------------------	------	--------	--------	---	---	----	--

Notes:

1. The ORG at level 0 is the sender of the data.
2. The ORG in GR.1 at level 2 is the originator of the booking.
3. The ORG in GR.6 at level 4 is the agent id who checked in the passenger for this flight segment.

Examples:

1. The originator of the message is American Airlines agent in Dallas
ORG+AA:DFW'
2. The originator of the booking is an LH agent located in Amsterdam hosted on Amadeus.
ORG+1A:MUC+12345678:111111+AMS+LH+A+NL:NLG:NL+0001AASU'
3. The originator of the booking is an Amadeus travel agent request.
ORG+1A:NCE+1234567:DDGS+++T'
4. Origination details for a Worldspan travel agent request.
ORG+1P:HDQ+98567420:IPSU+ATL++T+US:USD+GS'

5.15.2 ORG: PNRGOV Adhoc Request - GOVREQ

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
SYSTEM DETAILS	C336	--	--	--	1	--	
Company Identification	9906	an..35	--	--	1	--	
Place/Location identification	3225	an..25	--	N/A	1	--	
Place/Location Name	3224	an..17	--	N/A	1	--	
ORIGINATOR IDENTIFICATION DETAILS	C300	--	--	N/A	1	--	
Travel Agent Identification Details	9900	n..9	--	N/A	1	--	
In-House Identification	9902	an..9	--	N/A	1	--	
In-House identification	9902	an..9	--	N/A	1	--	
In-House identification	9902	an..9	--	N/A	1	--	
LOCATION	C328	--	--	N/A	1	--	
Place/Location Identification	3225	an..25	--	N/A	1	--	
Place/Location Name	3224	an..17	--	N/A	1	--	
SYSTEM DETAILS	C336	--	--	N/A	1	--	
Company Identification	9906	an..35	--	N/A	1	--	
Place/Location Identification	3225	an..25	--	N/A	1	--	
Place/Location name	3224	an..17	--	N/A	1	--	
ORIGINATOR TYPE CODE	9972	an1	--	N/A	1	--	
ORIGINATOR DETAILS	C354	--	--	M*	1	--	
Country, Coded	3207	an..3	an..3	M*	1	Yes	ISO country code of the State making the adhoc request for PNRGOV of a specific flight/date..
Currency, Coded	6345	an..3	--	N/A	1	--	
Language, Coded	3453	an..3	--	N/A	1	--	
ORIGINATOR'S AUTHORITY REQUEST CODE	9904	an..9	--	N/A	1	--	
COMMUNICATION NUMBER	3148	an..25	--	N/A	1	--	
PARTY ID IDENTIFICATION	3039	an..17	--	N/A	1	--	

Examples:

1. The originator of the message is The Australian government.

ORG+++++AU'

5.16 PTK: PRICING/TICKETING DETAILS (PNRGOV)

Function: To specify pricing/ticketing details.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
PRICING / TICKET-ING INFORMATION	C664	--	--	C	1	--	
Price type qualifier	5387	an..3	an..3	C	1	Yes	Ticketing mode indicator
Price type qualifier	5387	an..3	an..3	C	1	Yes	International or domestic sales indicator
Price type qualifier	5387	an..3	an..3	C	1	Yes	Statistical code
Price type qualifier	5387	an..3	an..3	C	1	Yes	Self sale indicator
Price type qualifier	5387	an..3	an..3	C	1	Yes	Net reporting indicator
Price type qualifier	5387	an..3	an..3	C	1	Yes	Tax on commission indicator
Price type qualifier	5387	an..3	an..3	C	1	Yes	Non-endorsable indicator
Price type qualifier	5387	an..3	an..3	C	1	Yes	Non-refundable indicator
Price type qualifier	5387	an..3	an..3	C	1	Yes	Penalty restriction indicator
Price type qualifier	5387	an..3	--	N/A	1	--	
Price type qualifier	5387	an..3	--	N/A	1	--	
Price type qualifier	5387	an..3	--	N/A	1	--	
Price type qualifier	5387	an..3	an..3	C	1	Yes	Non-interlineable indicator
Price type qualifier	5387	an..3	an..3	C	1	Yes	Non-commissionable indicator
Price type qualifier	5387	an..3	--	N/A	1	--	
Price type qualifier	5387	an..3	an..3	C	1	Yes	Non-reissuable/non-exchangeable indicator
Price type qualifier	5387	an..3	an..3	C	1	Yes	Carrier fee reporting indicator
Price type qualifier	5387	an..3	an..3	C	1	Yes	Refund calculation indicator
Price type qualifier	5387	an..3	--	N/A	1	--	
Price type qualifier	5387	an..3	--	N/A	11	--	
PRICE/TARIFF TYPE, CODED	5379	an..3	--	N/A	1	--	
PRODUCT DATE/TIME	C310	--	--	C	1	--	
First date	9916	an..35	n6	C	1	--	Ticketing purchase deadline date. (ddmmyy)
First time	9918	n..4	n4	C	1	--	Ticketing purchase deadline time. (hhmm)
Second date	9920	an..35	--	N/A	1	--	
Second time	9922	n..4	--	N/A	1	--	
Date variation	9954	n1	--	N/A	1	--	
COMPANY IDENTIFICATION	C306	--	--	C	1	--	
Company identification	9906	an..35	an..3	M	1	Yes	Validating carrier airline code
Company identification	9906	an..35	an..3	C	1	Yes	Ticketing system code
Company identification	9906	an..35	--	N/A	1	--	
COMPANY IDENTIFICATION NUMBERS	C665	--	--	C	1	--	
Company identification number	9996	n..15	n3	M	1	--	Validating carrier accounting code
Company identification number	9996	n..15	n3	C	1	--	System provider accounting code
LOCATION DETAILS	C666	--	--	C	2	--	
Place/location identification	3225	an..25	a3..5	C	1	--	Sales/ticketing location city code
Country, coded	3207	an..3	an..3	C	1	Yes	Sales/ticketing location country code
IDENTITY NUMBER	7402	an..35	an..35	C	1	--	In house fare type/corporate contract number
MONETARY AMOUNT	5004	n..18	--	--	N/A	--	

Example:

1. The pricing/ticketing details: the ticket is non-refundable, the ticketing deadline date and time are 10 pm on 6/15/10, the validating carrier is DL and the sales/ticketing location city code is ATL.
PTK+NR++150610:2200+DL+006+ATL'

5.17 RCI: RESERVATION CONTROL INFORMATION (PNRGOV)

Function: To specify a reference to a reservation.

Push PNR Data to States – PNRGOV

PNRGOV Adhoc Request - GOVREQ

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
RESERVATION CONTROL INFORMATION	C330	--	--	M*	9	--	
Company Identification	9906	an..35	an..3	M*	1	Yes	2-3 character of airline/CRS code of the following record reference (Reservation Control Number)
Reservation Control Number	9956	an..20	an..20	M*	1	--	Reference to a record
Reservation Control Type	9958	an1	an1	C	1	Yes	Code identifying type of record reference: record locator number, confirmation number, etc.
First Date	9916	an..35	n6	C	1	--	Date record was created (ddmmyy).
Time	9994	n..9	n4..6	C	1	--	Time (GMT) record was created, common usage is to minute or second, not millisecond (hhmmss[msmsms]).

Notes:

- The composite C330 will appear at least once and may be repeated up to eight more times.
- In case the data is coming from a DCS or ground handling system which does not have access to the reservation system's Record Locator, the following information will be contained in composite C330:
 - 9906 - the operating carrier code
 - 9956 - the locator assigned by DCS in 9956
 - 9958 – a code specifying that the RCI contains a “DCS Reference”
- The operating carrier's record locator should be included in the RCI if available

Examples:

- SAS passenger record reference.
RCI+SK:12DEF'
- Galileo and SAS record references.
RCI+SK:123EF+1G:345ABC'
- Delta is the operating carrier and the PNR was created on 24 February 2010 at 2230 GMT.
RCI+DL:ABC456789::240210:2230'

5.18 REF: REFERENCE INFORMATION (PNRGOV)

Function: To specify an association between references given to travellers, to products, to services.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
REFERENCING DETAILS	C653	--	--	C	99	-	
Reference Qualifier	1153	an..3	--	N/A	1	--	
Reference Number	1154	an..35	an..25	C	1	-	Unique passenger identifier assigned for communications with one or more States

Example:

- The unique passenger reference identifier is 4928506894.
REF+:4928506894'

5.19 RPI: RELATED PRODUCT INFORMATION (PNRGOV)

Function: To indicate quantity and action required in relation to a product.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
QUANTITY	6060	n..15	n..3	C	1	--	Number of passengers associated with the TVL segment.
STATUS, CODED	4405	an..3	an..3	C	10	Yes	ATA/IATA action/advice/status code for this TVL segment.

Example:

- Flight booking status is holds confirmed for 3 passengers.
RPI+3+HK'

5.20 SAC: SOURCE AND ACTION INFORMATION (PNRGOV)

Function: To specify information concerning the source and action to be taken.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
STATUS INDICATOR, CODED	1245	an..3	--	N/A	1	--	
PLACE/LOCATION IDENTIFICATION	3225	an..25	--	N/A	1	--	
STATUS, CODED	4405	an..3	an..3	M*	1	Yes	Specifies the status (action) taken on the history item, such as add, cancel, etc.

Notes:

1. Used in conjunction with other segments where the item was actioned. Eg Name Change, flight etc
2. Flown segments are to be included in history.

Examples:

1. The history line contains a cancelled item
SAC+++X'
2. The history line contains an added item
SAC+++A'

5.21 SRC: SEGMENT REPETITION CONTROL (PNRGOV)

Function: To indicate the number of segment group repetitions.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
SEGMENT REPETITION CONTROL DETAILS	C678	--	--	N/A	9	--	
Quantity	6060	n..15	--	N/A	1	--	
Number of Units	6350	n..15	--	N/A	1	--	
Total number of items	7240	n..15	--	N/A	1	--	

Note:

- Used as trigger segment for PNRGOV GR.1 and will repeat for each PNR in the message.

Example:

- This trigger segment is sent as an empty segment.
SRC'

5.22 SSD: SEAT SELECTION DETAILS (PNRGOV)

Function: To specify details concerning seat selection and the associated security and processing information.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
SPECIFIC SEAT DETAILS	C679	--	--	C	1	--	
Specific seat	9809	an..4	an..4	C	99	--	The seat number that the passenger has been assigned.
NO SMOKING INDICATOR	9807	a1	--	N/A	1	--	
SEAT CHARACTERISTIC DETAILS	C680	--	C	N/A	1	--	
Seat characteristics	9825	an..2	--	N/A	99	--	
SEAT RANGE DETAILS	C681	--	C	N/A	1	--	
Seat row number	9830	n..3	--	N/A	1	--	
Range maximum	6152	n..18	--	N/A	1	--	
Seat column	9831	an1	--	N/A	20	--	
CABIN CLASS DESIGNATOR	9854	a1	a1	C	1		Used to specify the cabin class
CABIN CLASS OF SERVICE	9873	n1	--	N/A	1	--	
FREE TEXT	4440	an..70	--	N/A	1	--	
PLACE/LOCATION IDENTIFICATION	3225	an..25	--	N/A	1	--	
PLACE/LOCATION IDENTIFICATION	3225	an..25	--	N/A	1	--	
PROCESSING INDICATOR	7365	an..3	--	N/A	1	--	
SECURITY IDENTIFICATION DETAILS	C682	--	--	N/A	1	--	
Security identification	9751	an..5	--	N/A	2	--	
PROCESSING INDICATOR	7365	an..3	--	N/A	1	--	
SPECIFIC SEAT PURPOSE	C683	--	--	N/A	99	--	
Item characteristic	7081	an..3	--	N/A	1	--	
Specific seat	9809	an..4	--	N/A	1	--	

Note:

1. 9854 uses individual airlines cabin class designator and not a codeset

Example:

1. The passenger has been assigned seat 24A in coach.
SSD+24A++++Y'

5.23 SSR: SPECIAL REQUIREMENTS DETAILS (PNRGOV)

Function: To specify special requests or services information relating to a traveller.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
SPECIAL REQUIREMENT TYPE DETAILS	C334	--	--	M	1	--	
Special Requirement Type	9962	an..4	an..4	M	1	Yes	Specifies the type of special request (seat, unaccompanied minor, boarding pass, etc.).
Status, coded	4405	an..3	an..3-	C	1	Yes-	Status or action for this SSR, e.g. HK, NN
Quantity	6060	n..15	n..3	C	1	--	Number of services requested or processed.
Company Identification	9906	an..35	an..3	C	1	Yes	2-3 character airline/CRS code identifying system to which special request is directed.
Processing Indicator	7365	an..3	--	N/A	1	--	
Processing Indicator	7365	an..3	--	N/A	1	--	
Place/Location Identification	3225	an..25	a3..5	C	1	Yes	Board city of segment to which special service request applies.
Place/Location Identification	3225	an..25	a3..5	C	1	Yes	Off city of segment to which special service request applies.
Free Text	4440	an..70	an..70	C	99	--	Literal text related to the special service request.
SPECIAL REQUIREMENT DATA DETAILS	C332	--	--	C	999	--	
Special Requirement Data	9960	an..4	an..4	C	1	--	Identifies specific information (age of unaccompanied minor, seat number, etc.).
Measure Unit Qualifier	6411	an..3	an..3	C	1	Yes	Qualifies 9960 (i.e., years).
Traveller Reference Number	9944	an..10	n..3	C	1	--	Specifies for which traveller in the TIF segment the special service applies.
Seat Characteristic, coded	9825	an..2	an..2	C	5	Yes	Characteristic of a seat specified in 9960, or for a generic seat assignment (not associated to a particular seat).

Notes:

1. SSR's in GR.1 apply to all flights and may apply to all passengers or may apply to specific passenger based on the traveler reference number in SSR/9944 and TIF/9944.
2. SSR's in GR.2 apply to the specific passenger.
3. SSR's in GR.5 (per TVL) apply to a specific flight and may apply to all passengers or may apply to a specific passenger based on the traveler reference number in SSR/9944 and TIF/9944.
4. The Traveller Reference Number (9944) in the SSR segment in Gr.1 or Gr. 5 may be used to specify for which passenger this SSR applies. This is a reference number assigned by the sending system and should contain the same reference number as that found in the Traveller Reference number in the TIF in Gr.2.

Examples:

1. One passenger is an SSR type unaccompanied minor.
SSR+UMNR'
2. Passenger number 2 has requested to transport a bike on a DL flight.
SSR+BIKE:HK:1:DL+:2'

3. Passenger has been assigned seat 53C on the AA flight from AMS to JFK.
SSR+SEAT:HK:1:AA::AMS:JFK+53C::2:N'
4. DOCS information for a passenger on KL.
SSR+DOCS:HK:1:KL:::////05AUG70/F//STRIND/BENITA+::2'
5. Other information about passenger one.
SSR+OTHS:HK::AF:::CORP//***CORPORATE PSGR***+::1'
6. A passenger by the name of Mr. John Meeks supplies a United States Redress number for his PNR:
 - a. For those systems using automated format:
SSR+DOCO:HK:1:AA::JFK:LAX:0001Y28JUN//R/1234567890123///US
 - b. For those systems using non-automated format:
SSR+DOCO:HK:1:AA:::R/1234567890123///US
7. Passenger has been assigned seat 22C on the PY flight from AUA to PBM.
SSR+SEAT:HK:1:PY::AUA:PBM NOTICKET/TOM:+22C'
8. Passenger is an infant traveling with an adult on PY flight from PBM to MIA and the date of birth is 12Jul09.
SSR+INFT:HK:1:PY::PBM:MIA:INFANT/BABY 12JUL09'
9. A bassinet has been confirmed for the PY flight from MIA to PBM.
SSR+BSCT:HK:1:PY::MIA:PBM'
10. Passenger has requested a generic seat on the AA flight from DCA to MIA.
SSR+NSSA:NN:1:AA::DCA:MIA:MADDOX/MOLLY'
11. Passenger traveling with a British passport and 1st and 2nd given names in separate fields:
SSR+DOCS:HK::DL:::/ P/GBR/123456789/GBR/12JUL64/M/23AUG19/SMITHJR/JONATHON/ROBERT'
12. Passenger traveling with a British passport and 1st and 2nd given names in same field:
SSR+DOCS:HK::DL:::/P/GBR/987654321/GBR/12JUL15/M/15JAN13/COOPER/GARYWILLIAM'
13. Passenger traveling with a British passport and 1st and 2nd given names in same field:
SSR+DOCS:HK::DL:::/P/GBR/123456789/GBR/12JUL12/M/23AUG15/WAYNE/JOHNALVA'

5.24 TBD: TRAVELER BAGGAGE DETAILS/Electronic Ticketing (PNRGOV)

Function: To specify the baggage details, including number of bags and serial numbers.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
STATUS, CODED	4405	an..3	--	N/A	1	--	
BAGGAGE DETAILS	C675	--	--	M	2	--	Checked baggage information
Quantity	6060	n..15	n..3	C	1	--	Number of pieces
Measurement and value	6314	n..18	n..4	C	1		Weight of checked baggage
Allowance or charge qualifier	5463	an..3	an..3	C	1	Yes	Kilograms or pounds
Measure unit qualifier	6411	an..3	--	N/A	1	--	
Processing indicator, coded	7365	an..3	--	N/A	1	--	
BAGGAGE REFERENCE DETAILS	C686	--	--	C	1	--	
Processing indicator, coded	7365	an..3	a2	C	1	Yes	Pooled checked bag indicator
Identify number	7402	an..35	an..9	C	1	--	Baggage pool reference
BAGTAG DETAILS	C358	--	--	C	99	--	
Company identification	9906	an..35	an..3	C	1	--	Airline designator
Item number	7140	an..35	n..16	M*	1	--	Tag serial number/license plate
Total number of items	7240	n..15	n..3	C	1	--	Number of consecutive tags serial numbers
Place/location identifier	3225	an..25	a..3	C	1	--	Place of destination
Company identification number	9996	n..15	n3	C	1	--	Bag Tag Issuer's Code (numeric code) as contained in the IATA Airline Coding Directory.
Data indicator	9988	n..2	n1	C	1	Yes	To specify if online or interline
Item characteristic, coded	7081	an..3	a2	C	1	Yes	Indicates manual, auto or limited release bag tag
Special service requirement type	9962	an..4	--	N/A	1	--	
Measurement value	6314	n..18	--	N/A	1	--	
Measure unit qualifier	6411	an..3	--	N/A	1	--	
Free text	4440	an..70	--	N/A	1	--	

Note:

1. This segment is for the checked in baggage and not for excess bag details

Examples:

1. Bag pool members with Head of Pool ticket.
TBD+++MP:0741234123456'
2. 3 bags, weight 84 kilos, Head of Pool, tags 902824, 3 in sequence to MSP.
TBD++3:84:700+HP+KL:902824:3:MSP'
3. Total 5 bags, weight 155 pounds, 2 checked to MSP, 3 short checked to JFK
TBD++5:155:701++KL:902824:2:MSP+ KL:902826:3:JFK'
4. Total 2 bags, weight 20 kilos, head of pool, 2 bags in sequence to CPH with the carrier code of the airline issuing the bag tags.
TBD++2:20:700+HP:5+LH:523456:2:CPH:220'
5. 2 bags, tag QF111111 to Sydney
TBD++2++QF:111111:2:SYD'

5.25 TIF: TRAVELLER INFORMATION (PNRGOV)

Function: To specify a traveller(s) and personal details relating to the traveller(s).

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
TRAVELLER SURNAME INFORMATION	C322	--	--	M	1	--	
Traveller Surname	9936	an..70	a..70	M	1	--	Specifies passenger surname.
Number of Units Qualifier	6353	an..3	an..3	C	1	Yes	Indicates name qualifier, i.e. group name and same family name, etc.
Quantity	6060	n..15	--	N/A	1	--	
Status, coded	4405	an..3	--	N/A	1	--	
TRAVELLER DETAILS	C324	--	--	C	99	--	
Traveller Given Name	9942	an..70	a..70	C	1	--	Specifies passenger given name and title.
Number of Units Qualifier	6353	an..3	an..3	C	1	Yes	Specifies passenger type (adult, frequent traveller, infant, etc.).
Traveller Reference Number	9944	an..10	n..3	C	1	--	Direct reference of passenger assigned by requesting system. Used as a cross reference between data segments. Only used in GR2 level 2 TIF.
Traveller Accompanied by Infant Indicator	9946	an1	an1	C	1	Yes	Adult passenger is accompanied by an infant without a seat.
Other names	9754	an..70	--	C	2	--	

Notes:

1. Only one surname and given name should be sent in one occurrence of the TIF even if there are multiple names for a surname in the PNR.
2. The Traveller Reference Number (9944) is assigned by the sending system and this number in Gr.2 may be used to cross reference an SSR in Gr.1 or Gr.5 or a TRI in Gr.7.

Examples:

1. Passenger Jones/John Mr is an adult.
TIF+JONES+JOHNMR:A'
2. Passenger has a single letter family name – Miss Moan Y – single letter is doubled where MoanMiss was considered the given name. This rule is as defined in AIRIMP rules and its examples.
TIF+YY+MOANMISS:A'
3. Adult passenger has a single letter family name – Miss Tuyetmai Van A – all given names are combined with the single letter surname where Miss was considered the given name. This rule is as defined in AIRIMP rules and its examples.
TIF+ATUYETMAIVAN+MISS:A'
4. The PNR is for a group booking with no individual names.
TIF+SEETHE WORLD:G'
5. Infant no seat Passenger
TIF+RUITER+MISTY:IN'

5.26 TKT: TICKET NUMBER DETAILS (PNRGOV)

Function: To convey information related to a specific ticket.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
TICKET NUMBER DETAILS	C667	--	--	M	1	--	
Document/message number	1004	an..35	an..14	C	1	--	Ticket document number
Document/ message name, coded	1001	an..3	an..3	C	1	Yes	Document type
Total number of items	7240	n..15	n..2	C	1	--	Total number of booklets issued
Data Indicator	9988	an..3	an..3	C	1	Yes	To specify if in connection with ticket number.
Action request/notification, coded	1229	an..3	--	N/A	1	--	
Document/message number	1004	an..35	an..14	C	1	--	In connection with document number may be an EMD
STATUS, CODED	4405	an..3	--	N/A	1	--	

Examples:

1. The ticket number for a passenger
TKT+0062230534212:T'
2. Conjunctive ticket – 2 booklets
TKT+0271420067693:T:2'

5.27 TRI: TRAVELLER REFERENCE INFORMATION (PNRGOV)

Function: To specify information regarding a traveller or traveller account .

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
REFERENCE QUALIFICATION	C670	--	--	N/A	1	--	
Identity number qualifier	7405	an..3	--	N/A	1	--	
Reference Qualifier	1153	an..3	--	N/A	1	--	
TRAVELLER IDENTIFICATION	C671	--	--	C	999	--	
Reference Number	1154	an..35	an..35	M	1	--	The sequence/boarding number for this flight for a passenger.
Reference Qualifier	1153	an..3	--	N/A	1	--	
Specific Seat	9809	an..4	--	N/A	1	--	
Traveller Reference Number	9944	an..10	n..3	C	1	--	Used to indicate which passenger is being checked in and refers to the 9944 assigned in the TIF in GR2 level 2.

Notes:

1. The Traveller Reference Number (9944) in the TRI segment in Gr.7 may be used to specify for which passenger the check-in information applies so that the TIF in this group does not need to be sent. This is a reference number assigned by the sending system and should contain the same reference number as that found in the Traveller Reference number in the TIF in Gr.2.
2. Each occurrence of the TRI handles only one passenger (i.e. one surname and one given name) at a time, thus the Composite C671 does not repeat

Example:

1. The sequence number for this passenger is 108.
TRI++108 '

5.28 TVL: TRAVEL PRODUCT INFORMATION (PNRGOV)

Function: To specify details related to a product.

5.28.1 Flight Details for Passenger data sent

TVL at Level 0

Push PNR Data to States - PNRGOV

PNRGOV Adhoc Request - GOVREQ

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
PRODUCT DATE/TIME	C310	--	--	M*	1	--	
First Date	9916	an..35	n6	M*	1	--	Departure date (ddmmyy)
First Time	9918	n..4	n4	C	1	--	Departure time (hhmm)
Second Date	9920	an..35	n6	C	1	--	Arrival date (ddmmyy)
Second Time	9922	n..4	n4	C	1	--	Arrival time (hhmm)
Date Variation	9954	n1	n1	C	1	--	Variance between departure and arrival date.
LOCATION	C328	--	--	M*	1	--	
Place/Location Identification	3225	an..25	a3..5	M*	1	Yes	A 3 character code to specify the last IATA airport / city code of departure prior to crossing the border
Place/Location Name	3224	an..17	--	N/A	1	--	
LOCATION	C328	--	--	M*	1	--	
Place/Location	3225	an..25	a3..5	M*	1	Yes	A 3 character code to specify the first IATA airport / city code of arrival after crossing the border.
Place/Location Name	3224	an..17	--	N/A	1	--	
COMPANY IDENTIFICATION	C306	--	--	M*	1	--	
Company Identification	9906	an..35	an..3	M*	1	Yes	A 2-3 character code to specify the operating airline designator code.
Company Identification	9906	an..35	an..3	N/A	1	--	
Company Identification	9906	an..35	--	N/A	1	--	
PRODUCT IDENTIFICATION DETAILS	C308	--	--	M*	1	--	
Product Identification	9908	an..35	n..4	M	1	--	Flight number
Characteristic Identification	7037	an..17	--	N/A	1	--	
Product Identification Characteristic	9914	an..3	a1	C	1	--	An operational suffix related to flight number.
Item Description Identification	7009	an..7	--	N/A	3	--	
PRODUCT TYPE DETAILS	C309	--	--	N/A	1	--	
Sequence Number	1050	an..6	--	N/A	9	--	
LINE ITEM NUMBER	1082	n..6	--	N/A	1	--	
PROCESSING INDICATOR, CODED	7365	an..3	--	N/A	1	--	
MARRIAGE CONTROL DETAILS	C311	--	--	N/A	99	--	
Relation, coded	5479	an..3	--	N/A	1	--	
Group number	9995	n..10	--	N/A	1	--	
Line item number	1082	n..6	--	N/A	1	--	
Relation, coded	5479	an..3	--	N/A	1	--	
Company identification	9906	an..35	--	N/A	1	--	

Note:

1. Dates and times in the TVL are in Local Time.
2. Departure and arrival points of the transborder segment for a given country are the ones of the leg which makes the segment eligible for push to a given country.

Examples:

1. The passenger information being sent is for Delta flight 10 from ATL to LGW on 30MAR which departs at 5:00 pm.
TVL+300310:1700+ATL+DFW+DL+10'
2. The passenger information being sent is for Delta flight 9375 from ATL to AMS on 24 FEB which departs at 9:35 pm.
TVL+240210:2135+ATL+AMS+DL+9375'
3. This example is only concerned with the push to Canada. While the US will also have a push, the US is not demonstrated in this example. CX888 is a multileg flight with the following routing and times,
HKG 10May 0100 YVR 09May 2030
YVR 09May 2230 JFK 10May 0420
The leg eligible for Canada is HKG YVR. The passenger information to push are for CX888 from HKG YVR (terminate YVR Canada) and HKG to JFK (transit YVR Canada). The push will occur at Scheduled Departure Time out of HKG.
For the flight departing on 10th May at 0100 (Local Time) from HKG and arriving at YVR at 2030 on 09May, the following segment TVL in PNRGOV level 0 will be sent:
TVL+100512:0100:090512:2030+HKG+YVR+CX+888

5.28.2 Flight Itinerary

TVL in Gr5 at Level 2 and Gr.12 at Level 4

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
PRODUCT DATE/TIME	C310	--	--	C	1	--	
First Date	9916	an..35	n6	C	1	--	Departure date (ddmmyy)
First Time	9918	n..4	n4	C	1	--	Departure time (hhmm)
Second Date	9920	an..35	n6	C	1	--	Arrival date (ddmmyy)
Second Time	9922	n..4	n4	C	1	--	Arrival time (hhmm)
Date Variation	9954	n1	n1	C	1	--	Variance between departure and arrival date.
LOCATION	C328	--	--	C	1	--	
Place/Location Identification	3225	an..25	a3..5	M*	1	Yes	A 3 character code to specify place of departure.
Place/Location Name	3224	an..17	--	N/A	1	--	
LOCATION	C328	--	--	C	1	--	
Place/Location	3225	an..25	a3..5	M*	1	Yes	A 3 character code to specify place of arrival.
Place/Location Name	3224	an..17	--	N/A	1	--	
COMPANY IDENTIFICATION	C306	--	--	C	1	--	
Company Identification	9906	an..35	an..3	M*	1	Yes	A 2-3 character code to specify the marketing airline designator code.
Company Identification	9906	an..35	an..3	C	1	Yes	A 2-3 character code to specify the operating airline designator code when different from the marketing airline.
Company Identification	9906	an..35	--	N/A	1	--	
PRODUCT IDENTIFICATION DETAILS	C308	--	--	M*	1	--	
Product Identification	9908	an..35	an..4	M	1	--	Marketing flight number or ARNK or OPEN
Characteristic Identification	7037	an..17	a1	C	1	--	Marketing reservations booking designator
Product Identification Characteristic	9914	an..3	a1	C	1	--	An operational suffix related to flight number.
Item Description Identification	7009	an..7	--	N/A	3	--	
PRODUCT TYPE DETAILS	C309	--	--	N/A	1	--	
Sequence Number	1050	an..6	--	N/A	9	--	
LINE ITEM NUMBER	1082	n..6	--	N/A	1	--	
PROCESSING INDICATOR, CODED	7365	an..3	--	N/A	1	--	
MARRIAGE CONTROL DETAILS	C311	--	--	N/A	99	--	
Relation, coded	5479	an..3	--	N/A	1	--	
Group number	9995	n..10	--	N/A	1	--	
Line item number	1082	n..6	--	N/A	1	--	
Relation, coded	5479	an..3	--	N/A	1	--	
Company identification	9906	an..35	--	N/A	1	--	

Notes:

1. Dates and times in the TVL are in Local Time.
2. For OPEN and ARNK segments, the date, place of departure and place of arrival are conditional. For an Airline/ Flight Number / class/ date / segment, the date, place of departure and place of arrival are mandatory.
3. When referring to a codeshare flight, two TVLs are required (one as defined in 5.28.2 for the marketing flight and one providing the operating flight information as defined in 5.28.3). If the marketing and operating carrier/flight are the same, only one TVL is used as defined in 5.28.2.
4. Flown segments are to be included in history.
5. Departure and arrival city/airport codes are the one in the passenger booked itinerary.

Examples:

1. The flight segment in the passenger's itinerary is Delta flight 10 from ATL to LHR on April 1 which departs at 10:35 p.m. and arrives at noon and the reservation booking designator is K. The operating carrier is KL.
TVL+010410:2235:020410:1200+ATL+LHR+DL:KL+10:K'
2. An ARNK segment is used to fill a gap in the itinerary.
TVL+++++ARNK'
3. An OPEN segment is used where the passenger has purchased a ticket between two cities/airports but does not know the flight number or date.
TVL++LHR+ORD++OPEN'
4. An OPEN segment is used where the passenger has purchased a ticket between two cities/airports and knows the airline on which he will fly but not the flight number or date.
TVL++LAX+SIN+SQ+OPEN'
5. This example is only concerned with the push to Canada. While the US will also have a push, the US is not demonstrated in this example.
CX888 is a multileg flight with the following routing and times:
HKG 10May 0100 YVR 09May 2030
YVR 09May 2230 JFK 10May 0420
The leg eligible for Canada is HKG YVR. The passenger information to push are for CX888 from HKG YVR (terminate YVR Canada) and HKG to JFK (transit YVR Canada). The push will occur at Scheduled Departure Time out of HKG.
For the flight departing on 10th May at 0100 (Local Time) from HKG and arriving at YVR at 2030 on 09May, the following segment TVL in PNRGOV will be sent:
Level 0 - TVL+100512:0100:090512:2030+HKG+YVR+CX+888
Grp 5 level 2 for HKG YVR passengers - TVL+100512:0100:090512:2030+HKG+YVR+CX+888
Grp 5 level 2 for HKG JFK passengers - TVL+100512:0100:100512:0420+HKG+JFK+CX+888

5.28.3 Codeshare information

Second TVL in GR5 at level 2 to send codeshare flight number and RBD.

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
PRODUCT DATE/TIME	C310	--	--	N/A	1	--	
First Date	9916	an..35	--	N/A	1	--	
First Time	9918	n..4	--	N/A	1	--	
Second Date	9920	an..35	--	N/A	1	--	
Second Time	9922	n..4	--	N/A	1	--	
Date Variation	9954	n1	--	N/A	1	--	
LOCATION	C328	--	--	N/A	1	--	
Place/Location Identification	3225	an..25	--	N/A	1	--	
Place/Location Name	3224	an..17	--	N/A	1	--	
LOCATION	C328	--	--	N/A	1	--	
Place/Location	3225	an..25	--	N/A	1	--	
Place/Location Name	3224	an..17	--	N/A	1	--	
COMPANY IDENTIFICATION	C306	--	--	N/A	1	--	
Company Identification	9906	an..35	--	N/A	1	--	
Company Identification	9906	an..35	--	N/A	1	--	
Company Identification	9906	an..35	--	N/A	1	--	
PRODUCT IDENTIFICATION DETAILS	C308	--	--	M*	1	--	
Product Identification	9908	an..35	an..4	M	1	--	The operating flight number
Characteristic Identification	7037	an..17	a1	C	1	--	Operating reservations booking designator
Product Identification Characteristic	9914	an..3	a1	C	1	--	An operational suffix related to flight number.
Item Description Identification	7009	an..7	--	N/A	3	--	
PRODUCT TYPE DETAILS	C309	--	--	N/A	1	--	
Sequence Number	1050	an..6	--	N/A	9	--	
LINE ITEM NUMBER	1082	n..6	--	N/A	1	--	
PROCESSING INDICATOR, CODED	7365	an..3	--	N/A	1	--	
MARRIAGE CONTROL DETAILS	C311	--	--	N/A	99	--	
Relation, coded	5479	an..3	--	N/A	1	--	
Group number	9995	n..10	--	N/A	1	--	
Line item number	1082	n..6	--	N/A	1	--	
Relation, coded	5479	an..3	--	N/A	1	--	
Company identification	9906	an..35	--	N/A	1	--	

Notes:

1. This TVL is only used in a codeshare situation and provides the code share operating flight number, operational suffix if any and the operating flight RBD.
2. When referring to a codeshare flight, two TVLs are required (one as defined in 5.28.2 for the marketing flight and one providing the operating flight information as defined in 5.28.3). If the marketing and operating carrier/flight are the same, only one TVL is used as defined in 5.28.2.

Examples:

1. The sold as flight (marketing carrier flight) is operated as flight 2345 and the RBD is K. This example only demonstrates the operating information however a preceding TVL would be required for the marketing information

TVL+++++2345:K'

2. This example contains an illustration of both the operating and the marketing TVLs for a codeshare situation where the marketing carrier is DL and the operating carrier is KL..

TVL+010410:2235:020410:1200+ATL+AMS+DL:KL+9362:K'

TVL+++++972:M'

5.28.4 Non Air Segments

TVL in GR.9 at level 3 is used to carry non-air segments (car, hotel, rail, etc.)

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
PRODUCT DATE/TIME	C310	--	--	M*	1	--	
First Date	9916	an..35	n6	M*	1	--	The starting date of the utilization of the service/product, e.g. check-in date, pickup date,
First Time	9918	n..4	n4	C	1	--	The starting time of the utilization of the service/product, e.g. check-in time, pickup time (hhmm)
Second Date	9920	an..35	n6	C	1	--	The ending date of the utilization of the service/product, e.g. check-out date, drop-off date.
Second Time	9922	n..4	n4	C	1	--	The ending time of the utilization of the service/product, e.g. check-out time, drop-off time (hhmm)
Date Variation	9954	n1	--	N/A	1	--	
LOCATION	C328	--	--	M*	1	--	
Place/Location Identification	3225	an..25	a3..5	M*	1	Yes	A 3 character code where utilization of the service/product commences, e.g. location of the hotel or rental car company..
Place/Location Name	3224	an..17	an..17-	C	1	--	May contain the hotel name
LOCATION	C328	--	--	C	1	--	
Place/Location	3225	an..25	a3..5	M*	1	Yes	A 3 character code where utilization of the service/product terminates if different from the first location, e.g. drop-off location
Place/Location Name	3224	an..17	--	N/A	1	--	
COMPANY IDENTIFICATION	C306	--	--	C	1	--	
Company Identification	9906	an..35	an..3	M*	1	Yes	Indicates the code of the provider of the service/product, e.g. HH, ZE
Company Identification	9906	an..35	--	N/A	1	--	
Company Identification	9906	an..35	--	N/A	1	--	
PRODUCT IDENTIFICATION DETAILS	C308	--	--	M*	1	--	
Product Identification	9908	an..35	an..10	M	1	--	A code identifying the location or other mechanism used by a vendor to offer services/products for sale, e.g. hotel property id
Characteristic Identification	7037	an..17	an..17	C	1	--	The classes related to the service/product, e.g. hotel room type, car type
Product Identification Characteristic	9914	an..3	--	N/A	1	--	
Item Description Identification	7009	an..7	--	N/A	3	--	
PRODUCT TYPE DETAILS	C309	--	--	N/A	1	--	
Sequence Number	1050	an..6	--	N/A	9	--	
LINE ITEM NUMBER	1082	n..6	--	N/A	1	--	
PROCESSING INDICATOR, CODED	7365	an..3	--	N/A	1	--	
MARRIAGE CONTROL DETAILS	C311	--	--	N/A	99	--	
Relation, coded	5479	an..3	--	N/A	1	--	
Group number	9995	n..10	--	N/A	1	--	
Line item number	1082	n..6	--	N/A	1	--	
Relation, coded	5479	an..3	--	N/A	1	--	



Company identification	9906	an..35	--	N/A	1	--	
------------------------	------	--------	----	-----	---	----	--

Examples:

1. Car segment.

TVL+290110:1050:310110:0900+ATL++ZE+:FCAR'

2. Hotel segment.

TVL+100910:1600:120910+MCI:HYATT REGENCY CROWN++HY+918W2:ROH'

5.29 TXD: TAX DETAILS (PNRGOV)

Function: To specify all details related to taxes

Push PNR Data to States - PNRGOV

Composite/Data Element	No.	Field Type	Comm. Usage	Stat.	Max Rep.	Code Set	Comments
DUTY/TAX/FEE CATEGORY, CODED	5305	an..3	an..3	C	1	--	Special tax indicator
TAX DETAILS	C668	--	--	C	99	--	
Duty/Tax/Fee rate	5278	an..17	n..17	C	1	--	Tax Amount.
Country, coded	3207	an..3	an..3	C	1	Yes	ISO code identifying country.
Currency, coded	6345	an..3	an..3	C	1	Yes	ISO code identifying currency.
Duty/Tax/Fee type, Coded	5153	an..3	an..3	C	1	Yes	Tax designator code to specify individual taxes of a group.
Duty/tax/fee rate	5278	an..17	an..11	C	1		Tax filed amount
Currency, coded	6345	an..3	an..3	C	1	Yes	Tax filed ISO currency code
Duty/Tax/Fee type, Coded	5153	an..3	an..3	C	1	Yes	Tax filed type code
Monetary amount	5004	an..18	an..3	C	1	--	Filed conversion rate
Monetary function, coded	5007	an..3	an..3	C	2	Yes	Tax qualifier

Notes:

1. The tax code and country code should be in data elements 5153 and 3207 respectively.

Examples:

1. Tax details for departure taxes for Great Britain.

TXD++5:GB::9'

2. Tax information related to the given fare.

TXD++6.27::USD'

6 CODE SETS

For all codesets utilized in the PNRGOV message, please refer to the **PADIS EDIFACT AND XML Code set Directory** available on the PADIS Extranet

This document will not contain any codeset breakdown to ensure that all relevant codes available now and in the future are available for use should they be required. This will ensure that no codeset is presented incorrectly in this document.

If additional codes are required, they should be submitted to the PADIS Working Group for approval prior to being submitted to a PADIS Board vote for inclusion in the standards.

7 BUSINESS CASE EXAMPLES

The following business case examples are provided to illustrate the variety of data and potential differences in where specific data is contained in a message based on the system sending the message, where and how data is stored in that system and based on the original source of the information.

Because of the volume of data that would be sent for entire flight, the examples only contain information for one complete PNR with indication that the message is partial data for entire flight

7.1 PNRGOV - TWO PASSENGERS TRAVELING INTERNATIONALLY

Scenarios:

A PNRGOV message sent 24 hours prior to departure for Delta flight 324 with routing LHR > JFK > YVR. This flight requires four separate messages to 3 separate governments (UK, US and Canadian). The first message is for DL flight 324 out of London (LHR) and is sent to UK and US. The partial message contains two PNRs with the following characteristics:

PNR 1 – Two Passengers booked and paid by 3rd party, credit card payment. PNR has been split, the full itinerary has had a change in flight, SSR meals and seats for all passengers. Passengers are ticketed and due to a change in the itinerary, the ticket had to be exchanged and repriced. Also included are elite frequent flier, Secure Flight Passenger Data, and hotel. Two bags were paid for fees. Passenger John Smith has checked in at 24 hours prior to departure.

PNR 2 – Two passengers, booked on a round trip by a GDS. The name has been changed.

Example 1- SC000 – 2 PNRs – PNR000 and PNR001

UNA:+???	(TO BE COMPLETED)
UNB+IATA:1+DL+??+101209:2100+020A07'	(TO BE COMPLETED)
UNH+1+PNRGOV:10:1:IA+F6C2C268'	
MSG+:22'	
ORG+DL:ATL+52519950'	
TVL+121210:0915+LHR+JFK+DL+324'	←== PNR data for DL324/12DEC10 LHR JFK
EQN+2'	
SRC'	
RCI+DL:MFN4TI'	
SSR+AVML:HK:2:DL'	
DAT+700:061210:1010+710:061210:1200'	
IFT+4:28::DL+THIS PASSENGER IS A VIP'	
IFT+4:28::DL+CTCR 00115555555555'	
ORG+DL:ATL+52519950:LON+++A+GB:GBP+D050517'	←== booked by DL call center agent in UK
ADD++702:45 HIGH STREET:SLOUGH:BERKSHIRE::GB:SL1AA:00441753637285'	←== phone in freetext
EBD+GBP:40.00+4::N'	←== Total for 4 bags
TIF+SMITHJR+JOHNMR:A:1'	←== Adult passenger, Mr. John Smith Jr.
FTI+DL:1234567890::ELITE'	
IFT+4:15:9+LHR DL X/JFK DL YVR GBP/IT END ROE0.618831	
XT3.10AY6 8.50YQ3.40+YC4.30XY3.10XA2.80XFATL4.5'	
REF+:38739393AN8739P'	
FAR+N++++MIL24'	←== Military Fare
SSR+DOCS:HK::DL::::/P/GBR/123456789/GBR/12JUL64/M/23AUG19/SMITHJR/JONATHON/ROBERT'	
TKT+0062120234533:T:1'	
MON+B:2888.00:GBP+T:2957.94:GBP'	
PTK+NR++061210:1010+DL+006+LON'	
TXD++3.10:::AY6+8.50:::YQ+3.40:::YC+4.30:::XY+3.10:::XA+2.80:::XF'	



DAT+710:061210:1200'
FOP+CC::VI:XXXXXXXXX1186:0211'
IFT+4:43+TIMOTHY SIMS+2234 MAIN STREET ATLANTA, GA 30067+770 5632891' ←Sponsor
TIF+JONES+WILLIAMMR:A:2' ←== Adult passenger, Mr. William Jones
FTI+AF:0093789865:::ELITE'
IFT+4:15:9+ LHR DL X/JFK DL YVR GBP/IT END ROE0.618831 XT3.10AY6 8.50YQ3.40+YC4.30XY3.10XA2.80XFATL4.
REF+:38739393AN8780P'
FAR+A++++YN324N' ←== Normal Advance Booking Fare
SSR+DOCS:HK::DL::::////GBR/12JUL64/M//JONES/WILLIAMNEVELL'
TKT+0062120234534:T:1'
MON+B:2888.00:GBP+T:2957.94:GBP'
PTK+NR++061210:1010+DL+006+LON'
TXD++3.10:::AY6+8.50:::YQ+3.40:::YC+4.30:::XY+3.10:::XA+2.80:::XF'
DAT+710:081210:1200'
FOP+CC::VI:XXXXXXXXX1186:0211'
IFT+4:43+TIMOTHY SIMS+2234 MAIN STREET ATLANTA, GA 30067+770 5632891' ←Sponsor
TVL+121210:0915::1230+LHR+JFK+DL+324:B' ←== First flight in itinerary
RPI+2+HK'
APD+767'
SSR+SEAT:HK:2:DL::LHR:JFK+15A::1+15B::2' ←== Seats for both passengers
DAT+2:111210:0915' ←== Check-in info starts here
TRI++108:::1' ←== Boarding/Check-in #108
TIF+SMITHJR+JOHNMR:A:1' ←== Adult passenger, Mr. John Smith Jr.
SSD+15A++++Y' ←== Seat and cabin check-in info
TVL+121210:2200::2330+JFK+YVR+DL+330:B' ←== Second flight in itinerary
RPI+2+HK'
APD+767'
SSR+SEAT:HK:2:DL::JFK:YVR+15E::1+15F::2' ←== Seats for both passengers
EQN+1'
RCI+DL:ABCDEF'
MSG+8' ←== Hotel segment
TVL+121210:1500:151210+YVR:VANCOUVER ARMS++VN+67576:ROH' ←== Hotel info
ABI+1+:LHRRR+LON++DL' ←=== Start First History Item
DAT+GMT:071210:1010'
SAC+++X'
TVL+101210:0915::1230+LHR+JFK+DL+324:B' ←==== Cancel Flight #1
RPI+2+K'
SAC+++X'
SSR+AVML:HK:2:DL' ←==== Cancel AVML for both passengers
SAC+++X'
SSR+SEAT:HK:2:DL::LHR:JFK+15A::1+15B::2' ←==== Cancel Seats for both passengers
SAC+++X'
TVL+101210:2200::2330+JFK+YVR+DL+330:B' ←==== Cancel Flight #2
RPI+2+K'
SAC+++X'
SSR+AVML:HK:2:DL' ←==== Cancel AVML for both passengers
SAC+++X'
SSR+SEAT:HK:2:DL::JFK:YVR+15E::1+15F::2' ←==== Cancel Seats for both passengers
SAC+++X'
TVL+121210:0915::1230+LHR+JFK+DL+324:B' ←===== Add flight #1
RPI+2+K'
SAC+++X'
SSR+AVML:HK:2:DL' ←==== Add AVML for both passengers
SAC+++X'
SSR+SEAT:HK:2:DL::LHR:JFK+15A::1+15B::2' ←==== Add Seats for both passengers
SAC+++X'
TVL+121210:2200::2330+JFK+YVR+DL+330:B' ←===== Add flight #2
RPI+2+K'
SAC+++X'
SSR+AVML:HK:2:DL' ←==== Add AVML for both passengers
SAC+++X'



```

SSR+SEAT:HK:2:DL::JFK:YVR+15E::1+15F::2'          <=== Add Seats for both passengers
SRC'                                                  <<< start of PNR002 >>>
RCI+1A:23456'
DAT+700:061210:1010+710:061210:1200'
ORG+1A:MUC+12345678:F31+LON++T+GB:GBP+A78987' <=== booked by 1A travel agent in UK
ADD++702:351 LANDSDOWN ROAD:SLOUGH:BERKSHIRE::GB::SL1AA'
EBD+GBP:20.00+2::N'                                <=== Total for 2 bags
TIF+WAYNE+JOHNMR:A:1'                              <=== Adult passenger, Mr. John Wayne
FTI+DL:1234567893::ELITE'
IFT+4:15:9+LHR DL X/JFK DL YVR GBP/IT  END ROE0.618831
      XT3.10AY6 8.50+YQ3.40YC4.30XY3.10XA2.80XFATL4.5'
REF+:38739393AN8740P'
FAR+A+++++YN324N'                                  <=== Normal advance booking fare
SSR+DOCS:HK::DL::::/P/GBR/123456789/GBR/12JUL12/M/23AUG15/WAYNE/JOHNALVA'
TKT+0062120234535:T:1'
MON+B:2888.00:GBP+T:2957.94:GBP'
PTK+NR++061210:1010+DL+006+LON'
TXD++3.10::AY6+8.50::YQ+3.40::YC+4.30::XY+3.10::XA+2.80::XF'
DAT+710:061210:1200'
FOP+CC::VI:XXXXXXXXX1186:0211'
TIF+COOPER+GARYMR:A:2'                             <=== Adult passenger, Mr. Gary Cooper
FTI+AF:0093789830::ELITE'
IFT+4:15:9+ LHR DL X/JFK DL YVR GBP/IT  END ROE0.618831
      XT3.10AY6 8.50+YQ3.40YC4.30XY3.10XA2.80XFATL4.5'
REF+:38739393AN8793P'
FAR+A+++++YN324N'                                  <=== Normal Advance Booking Fare
SSR+DOCS:HK::DL::::/P/GBR/987654321/GBR/12JUL15/M/15JAN13/COOPER/GARYWILLIAM'
TKT+0062120234536:T:1'
MON+B:2888.00:GBP+T:2957.94:GBP'
PTK+NR++061210:1010+DL+006+LON'
TXD++3.10::AY6+8.50::YQ+3.40::YC+4.30::XY+3.10::XA+2.80::XF'
DAT+710:061210:1200'
FOP+CC::DC:XXXXXXXXX3578:0211'
TVL+121210:0915::1230+LHR+JFK+DL+324:B'           <=== First flight in itinerary
RPI+1+HK'
APD+767'
SSR+SEAT:HK:2:DL::LHR:JFK++17A::1+17B::2'         <=== Seats for both passengers
DAT+2:111210:0915'                                  <=== Check-in info starts here
TRI++2::1'                                           <=== Boarding/Check-in #2
TIF+COOPER+GARYMR:A:2'                              <=== Adult passenger, Mr. Gary Cooper
SSD+15A++++Y'                                       <=== Seat and cabin check-in info
TVL+121210:2200::2330+JFK+YVR+DL+330:B'           <=== Second flight in itinerary
RPI+1+HK'
APD+767'
SSR+SEAT:HK:2:DL::JFK:YVR+17E::1+17F::2'         <=== Seats for both passengers
ABI+1+:LHRRR+LON++DL'                               <=== Start First History Item
DAT+GMT:071210:1010'
SAC+++X'
TIF+WAYNE+JONMR:A:1'                               <=== Cancel Name
SAC+++X'
TIF+WAYNE+JOHNMR:A:1'                              <=== Add Name
UNT+2+                                               (TO BE CORRECTED)
UNZ+1+00000000000001'

```

7.1 BUSINESS CASE EXAMPLES

Further Business Case examples are provided in the Appendix B.

APPENDIX A – CONTRL MESSAGES

SYNTAX AND SERVICE REPORT (CONTRL) MESSAGE

Introduction

This specification provides the definition of the IATA EDIFACT Syntax and Service Report (CONTRL) message to be used in Electronic Data Interchange (EDI) between partners involved in administration, commerce and transport.

Functional Definition

Purpose:

CONTRL is a message syntactically acknowledging or rejecting, with error indication, a received interchange, functional group or message.

References:

UNTDID, Part 4, Section 2.5

UN/ECE UNSM General introduction, Section 1

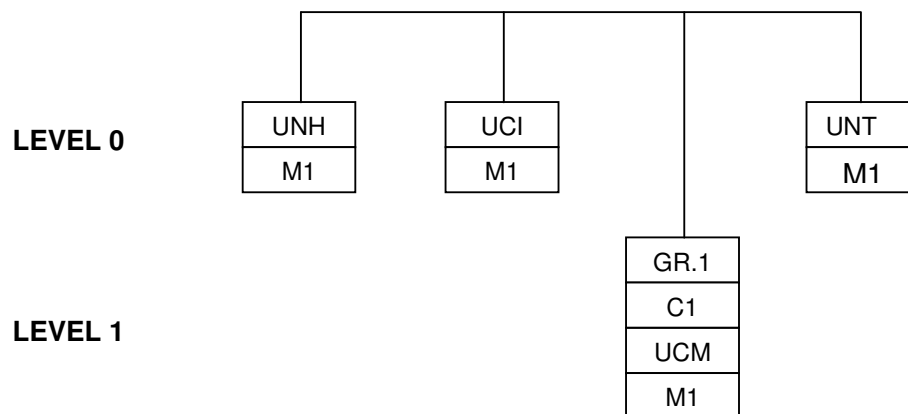
Principles:

See Trade/WP.4/R.1010

CONTRL Segment Table

TAG	NAME	STATUS	REPETITIONS
UNH	MESSAGE HEADER	M	1
UCI	INTERCHANGE RESPONSE	M	1
UCM	MESSAGE RESPONSE	C	1
UNT	MESSAGE TRAILER	M	1

CONTRL Message Branching Diagram



CONTRL Supporting Batch Segments

The following batch segments (taken from the Trade/WP.4/R.1010/Corr.1) are detailed to support the CONTRL message.

UCI INTERCHANGE RESPONSE

Function: To identify the subject interchange and to indicate acknowledgement or rejection (action taken) of the UNA, UNB and UNZ segments, and to identify any error related to these segments.

Depending on the action code, it may also indicate the action taken on the functional groups and messages within that interchange.

Name -ISO 9735	No.	Field Type	Status	IATA Status	Remarks IATA Implementation
INTERCHANGE CONTROL REFERENCE	0020	an..14	M	M	As per ISO 9735
INTERCHANGE SENDER	S002		M	M	As per ISO 9735
Sender identification	0004	an..35	M	M	As per ISO 9735
Partner identification code qualifier	0007	an..4	C	C	As per ISO 9735
Address for reverse routing	0008	an..14	C	C	As per ISO 9735
INTERCHANGE RECIPIENT	S003		M	M	As per ISO 9735
Recipient identification	0010	an..35	M	M	As per ISO 9735
Partner identification code qualifier	0007	an..4	C	C	As per ISO 9735
Routing address	0014	an..14	C	C	As per ISO 9735.
ACTION, CODED	0083	an..3	M	M	As per ISO 9735
SYNTAX ERROR, CODED	0085	an..3	C	C	As per ISO 9735
SEGMENT TAG	0013	a3	C	C	As per ISO 9735
DATA ELEMENT IDENTIFICATION	S011		C	C	As per ISO 9735
Erroneous data element position in segment	0098	n..3	M	M	As per ISO 9735
Erroneous component data element position	0104	n..3	C	C	As per ISO 9735

UCM MESSAGE RESPONSE

Function: To identify a message in the subject interchange, and to indicate that message's acknowledgement or rejection (action taken), and to identify any error related to the UNH and UNT segments.

Name -ISO 9735	No.	Field Type	Status	IATA Status	Remarks IATA Implementation
MESSAGE REFERENCE NUMBER	0062	an..14	M	M	As per ISO 9735
MESSAGE IDENTIFIER	S009		M	M	As per ISO 9735
Message type identifier	0065	an..6	M	M	As per ISO 9735
Message type version number	0052	an..3	C	C	As per ISO 9735
Message type release number	0054	an..3	M	M	As per ISO 9735
Controlling agency	0051	an..2	M	M	As per ISO 9735
Association assigned code	0010	an..6	C	C	As per ISO 9735
ACTION, CODED	0083	an..3	M	M	As per ISO 9735
SYNTAX ERROR, CODED	0085	an..3	C	C	As per ISO 9735
SEGMENT TAG	0013	a3	C	C	As per ISO 9735
DATA ELEMENT IDENTIFICATION	S011		C	C	As per ISO 9735
Erroneous data element position in segment	0098	n..3	M	M	As per ISO 9735
Erroneous component data element position	0104	n..3	C	C	As per ISO 9735

APPENDIX B – BUSINESS CASE EXAMPLES

(Development of this section is in progress and will be published at a later date.)