

Secure Flight Enhancements in Apollo®, Galileo® and Worldspan® Phase 2

Product Advisory Number:	740				
Version:	01				
Load To Production:	27-AUG-09	TBA	EST	TBA	GMT

Phase 1 enhancements for Secure Flight were implemented on 01MAY09. (Refer to PA 694 – Secure Flight).

This Product Advisory covers Phase 2. Phase 2 will provide the following additional enhancements to support Secure Flight.

High Level Description:

- ✓ Format editing for spaces between slashes in SSR DOC items.
- ✓ Allow the 'R' (Redress Number) and 'K' (Known Traveler) document type and number in SSR DOCO.
- ✓ Provide edits to ensure SSR DOCO with R, K or V document types have a document number.
- ✓ Provide edits to SSR DOCA to ensure the 'R' and 'D' indicators have an address country indicated.
- ✓ Provide masking of passenger documentation and date of birth information.
- ✓ Modify PSI Template (Passenger Supplemental Information)

Impact Summary:

- New document types in SSR DOCO.
- Additional SSR DOC edits
- Masking of passenger information.
- Format entry restriction changes for PSI template.
- Other:
 - ✓ DIR and XML – Messaging enhancements will be defined in a separate Product Advisory.
 - ✓ TripManager and Traversa enhancements will be defined in a separate Product Advisory.
 - ✓ Secure Flight enhancements for Meridian Carriers will be defined in a separate Product Advisory

Reason For Issue:	First Notification			
Customer Impact:	<input type="checkbox"/>	Internal Only	<input checked="" type="checkbox"/>	Developers
	<input checked="" type="checkbox"/>	Agency Customers	<input checked="" type="checkbox"/>	Airline Customers
	<input checked="" type="checkbox"/>	eCommerce Customers	<input type="checkbox"/>	Car, Hotel, Rail or Cruise Customers

System:	<input checked="" type="checkbox"/> Galileo				
	<input checked="" type="checkbox"/> Apollo				
	<input checked="" type="checkbox"/> Worldspan				
Load To Copy:	20-JUL-09	TBA	EST	TBA	GMT
Web Services: (API and Messaging)	A Developer Advisory will be issued at a later date, outlining impact to API and Messaging products.				
Issue History:	Version 01				

Overview

In Phase 1 (implemented 01MAY09) restrictions on SSR DOC field entries were lifted providing greater flexibility for Travelport GDS subscribers to supply passenger information to the airlines.

Phase 2 will continue to allow Travelport GDS subscribers to use existing SSR DOC (DOCS, DOCO, and DOCA) functionality to provide additional information to airlines. Phase 2 will also provide enhancements to support Redress Number, Known Traveler Number, masking of personal information and other features defined under 'Details and Customer Examples' below.

Customer Benefit

- By transmitting passenger information, the travel agency increases the prospect that their customer will have a smooth travel experience.
- Phase 2 provides additional edits that will assist the travel agency to provide information to the airlines.
- Use of existing functionality to transmit passenger information to the airlines.
- Masking of passenger information provides greater security.
- Expanding features in the PSI template in Worldspan by Travelport will provide flexibility for input of SSR DOCO data and postal code data.

Detail and Customer Examples

Phase 2 will provide the following additional enhancements to meet Secure Flight and industry rules.

1. Removal of Spaces Between Oblique's – Galileo and Worldspan (Apollo currently supports):

When a space is input between obliques in a SSR DOC (DOCS, DOCA and DOCO) the entry will be allowed. The spaces will be removed when the item(s) are displayed in the PNR/BF and in the message sent to the airlines.

1.1. Worldspan Examples:

Entry:

```
1234567890123456789012345678901234567890123456789012345678901234
01 >3SSR DOCS YY HK1/P/USA/342951234//12JUL64/M/23AUG20/STEVENSO
02 N/JONATHAN/RICHARD/H-1.1
```

Display item in Worldspan PNR:

```
1234567890123456789012345678901234567890123456789012345678901234
01 >*G- 1. 3SSRDOCSYYHK1/P/USA/342951234//12JUL64/M/23AUG20/
02 STEVENSON/JONATHAN/RICHARD/H-STEVENSON/JOHNATHAN/RICHARD
03 >
```

1.2. Galileo Examples:

Entry: SI.P2S1/DOCS*P/GB/342951234// //23AUG20/STEVENSON/JONATHAN/RICHARD

Display item in Galileo Booking File:

	1	2	3	4	5	6
	1234567890123456789012345678901234567890123456789012345678901234					
01	** SPECIAL SERVICE REQUIREMENT **					
02	SEGMENT/PASSENGER RELATED					
03	S 1. DL 1991 Y 01JUL ATLMIA					
04	P 1. STEVENSON/JONATHAN DOCS HK 1 P/GB/342951234///23AUG20-					
05	/STEVENSON/JONATHAN/RICHARD					

2. SSR DOCO (Galileo, Apollo and Worldspan):

2.1. The new document types 'R' Redress Number and 'K' Known Traveler Number may now be input in the SSR DOCO with their respective number.

Apollo Examples

Redress Number entry:

@:3DOCON1/PARIS FR/R/12545123/LONDON GB/10FEB08/USA

Known Traveler Number entry:

@:3DOCON1/PARIS FR/K/9891404/LONDON GB/14MAR08/USA

Galileo Examples

Redress Number entry:

SI.P1S1/DOCO*PARIS FR/R/12545123/LONDON GB/10FEB08/US

Known Traveler Number entry:

SI.P1S1/DOCO*PARIS FR/K/9891404/LONDON GB/14MAR08/US

Worldspan – Entry Examples

Redress Number entry:

3SSR DOCO YY HK1/PARIS FR/R/12545123/LONDON GB/10FEB08/US/-1.1

Known Traveler Number entry:

3SSR DOCO YY HK1/PARIS FR/K/9891404/LONDON GB/14MAR08/US/-1.1

2.2. In the SSR DOCO the Document Types R, K and V (Visa) and a Document Number may not stand alone, i.e. a document type requires a document number and vice-versa. Otherwise, a new error response will be displayed.

New Error response:

	1	2	3	4	5	6
	1	2	3	4	5	6
	12345678901	23456789012	34567890123	45678901234	56789012345	678901234
01	ERR- DOCUMENT TYPE REQUIRES A DOCUMENT NUMBER AND VICE-VERSA					

2.3. An SSR DOCS item is required for each passenger with an SSR DOCO containing an 'R' Redress Number. A new error response will be displayed if the SSR DOCS is missing at ET (end transaction) or ER (end and retrieve). This will also apply when the item is input on a PNR/BF being worked from Queue.

New Error response:

	1	2	3	4	5	6
	1	2	3	4	5	6
	12345678901	23456789012	34567890123	45678901234	56789012345	678901234
01	ERR-SSRDOCS REQUIRED FOR EACH REDRESS PASSENGER SSRDOCO INFO					

3. SSR DOCA (Galileo, Apollo and Worldspan):

The SSR DOCA 'R' (Residency) and 'D' (Destination) indicators and Address Country may not stand alone in the SSR DOCA. If a 'D' or 'R' is input then an Address Country is required and vice-versa, otherwise the following new error will be displayed.

New Error response:

	1	2	3	4	5	6
	1	2	3	4	5	6
	12345678901	23456789012	34567890123	45678901234	56789012345	678901234
01	ERR- ADDRESS INDICATOR REQUIRES ADDRESS COUNTRY AND VICE-VERSA					

4. Masking of Passenger Data (Galileo, Apollo and Worldspan):

There will be masking of specific passenger data on SSR DOCS, SSR DOCO (in all Travelport GDS systems) and SSR PSPT (in Worldspan, only).

4.1. Masked Data:

In all Travelport GDS systems the following will apply:

- Document Number – all data except for the last 4 characters of the document number will be masked.
- Date of Birth – the complete DOB will be masked.

4.2. Masking will occur when SSR DOCS, SSR DOCO or SSR PSPT applies to:

- Active PNRs / BFs
- Customer Profiles – Apollo Pro-Files, Galileo Client Files, Worldspan World Files
- PNR / BF History
- PNR / BF purged past date records - Written to MVS/IDMS in Galileo/Apollo and CD in Worldspan.
- PSI template (Worldspan only)

4.3. The following system specific masking formats will apply:

- In Galileo and Apollo Xs will be used to mask out applicable characters in a Document Number and/or Date of Birth.
- For Document Numbers displayed in Worldspan the '@' sign will be the first character and the last character masked before the final 4 characters. All other characters will be masked with a dash (-) between the '@' sign.
- For Date of Birth displayed in Worldspan all data will be masked with the '@' sign as the first and last characters of the field. A dash (-) will fill the masked data between the '@' sign.

The following examples illustrate how Date of Birth (DOB) and Document Number (NBR) information on DOCS and DOCO information will be masked in a display:

In Galileo and Apollo:

Example: DOB - 03APR66 will appear as XXXXXXXX

Example: NBR - 342951234 will appear as XXXXX1234

In Worldspan:

Example: DOB - 03APR66 will appear as @-----@

Example: NBR - 342951234 will appear as @---@1234

4.4. The default for all PNR/BFs History, Customer Profiles, and Purged PNR/BFs will be to mask data in the applicable display.

Worldspan Examples:

```

PNR: *R
      1          2          3          4          5          6
1234567890123456789012345678901234567890123456789012345678901234
01  1.1STEVENSON/JONATHAN.RICHARD*ADT
02  1 DL1991Y 01JUL WE ATLMIA HK1 105P 258P/O $ E
03  P- 1.2IY 770 563 5555
04  T- 1.T/
05  TKG FAX-NOT PRICED FARE TYPE EX
06  G- 1.SSRDOCSYYHK1/P/USA/@---@1234//@-----@/M/23AUG20/STEVENSON
07  JONATHAN/RICHARD- 1.1
08      2.SSRPSPTYHK1/@---@1234/US/@-----@/M- 1.1
09      3.SSRDOCOYYHK1/PARIS FR/V/@-@4567/LONDON GB/12JUL15/US-1.1
10  >
    
```

```

GFAX: *G
      1          2          3          4          5          6
1234567890123456789012345678901234567890123456789012345678901234
01  G- 1.SSRDOCSYYHK1/P/USA/@---@1234//@-----@/M/23AUG20/STEVENSO
02  N/JONATHAN/RICHARD-STEVENSON/JONATHAN RICHARD
03  2.SSRPSPTYHK1/@---@1234/US/@-----@/M-STEVENSON/JONATHAN/RICHA
04  RD
05  3.SSRDOCOYYHK1/PARIS FR/V/@-@4567/LONDON GB/12JUL15/US-
06  STEVENSON/JONATHAN RICHARD
07  >
    
```

History item: *HG

	1	2	3	4	5	6
	1234567890123456789012345678901234567890123456789012345678901234					
01	R-1P P/					
02	PRG DTE-31JUL09					
03	PSD RC CE 1819Z/03JUN09					
04	AG SSRDOCSYYHK1/P/USA/@---@1234//@-----@/M/23AUG20/STEVENSON/J					
05	ONATHAN/RICHARD-STEVENSON/JONATHAN.RICHARD					
06	AG SSRPSPTYHK1/@---@1234/US/@-----@/M-STEVENSON/JONATHAN.RICH					
07	AD					
08	AG SSRDOCOYYHK1/PARIS FR/V/@-@4567/LONDON/12JUL15/US-STEVENSON					
09	/JONATHAN.RICHARD					
10	R-P/ -CR- DAP/1P PR CE 04JUN09 1335Z 021A39 ***					
11	>					

World File items: -LEVEL 3

	1	2	3	4	5	6
	1234567890123456789012345678901234567890123456789012345678901234					
01	SHOW 2IY LEVEL3 (STEVEN/JONATHAN) LEVEL2 (ABC)					
02	601A -STEVENSON/JONATHAN/RICHARD					
03	602A O -SIMPSON/MARGE/BART					
04	603A 9*310 292-9399-B					
05	604A 5-CDHOMER SIMPSON					
06	605A 5-CD29394 POWERPLANT ROAD					
07	606A 5-CDSRINGFIELD CA 91300					
08	607A 3SSRDOCSYYHK1/P/USA/@---@1234//@-----@/M/23AUG20/STEVEN					
09	SON/JONATHAN/RICHARD					
10	608A 3SSRDOCOYYHK1/PARIS FR/V/@-@4567/LONDON/12JUL15/US-					
11	STEVENSON/JONATHAN.RICHARD					

Apollo Examples:

PNR - *R

	1	2	3	4	5	6
	1234567890123456789012345678901234567890123456789012345678901234					
01	1.1STEVENSON/JONATHAN RICHARD					
02	1 DL1991Y 01JUL ATLMIA HK1 105P 258P WE					
03	FONE-ATL 770 563 5555					
04	TKTG-T/					
05	GFAX-SSRDOCSDLHK01 ATLMIA 1991Y 01JUL-1STEVENSON/JONATHAN RICHAR					
06	D.P/USA/XXXXX1234//XXXXXXXX/M/23AUG20/STEVENSON/JONATHAN/RICHARD					
07	3 SSRDOCODLHK01 ATLMIA 1991Y 01JUL-1STEVENSON/JONATHAN RICHAR					
08	D.PARIS FR/V/XXX4567/LONDON/12JUL15/USA					
09	>					

PNR GFAX item: *PS

```
1 2 3 4 5 6
123456789012345678901234567890123456789012345678901234
01 GFAX-SSR DOCS DLHK01 ATLMIA 1991Y 01JUL-1 STEVENSON/JONATHAN RICHAR
02 D.P/USA/XXXXX1234//XXXXXXX/M/23AUG20/STEVENSON/JONATHAN/RICHARD
03 3 SSR DOCO DLHK01 ATLMIA 1991Y 01JUL-1 STEVENSON/JONATHAN RICHAR
04 D.PARIS FR/V/XXX4567/LONDON/12JUL15/USA
05 >
```

SSR History item: *HG

```
1 2 3 4 5 6
123456789012345678901234567890123456789012345678901234
01 ***** SSR HISTORY *****
02 AG SSR DOCO DLHK01 ATLMIA 1991Y 01JUL.ON/12JUL08/USA
03 AG SSR DOCO DLHK01 ATLMIA 1991Y 01JUL-1 STEVENSON/JONATHAN RICHARD
04 .PARIS FR/V/XXX4567/LOND
05 AG SSR DOCO DLHK01 ATLMIA 1991Y 01JUL.8/M/23AUG20/STEVENSON/JONAT
06 HAN/RICHARD
07 AG SSR DOCS DLHK01 ATLMIA 1991Y 01JUL-1 STEVENSON/JONATHAN RICHARD
08 .P/USA/XXXXX1234//XXXXXXX
09 RCVD-/C600166 -CR- XDB/GK5/1V AG 66 04JUN1602Z
10 >
```

Pro-File item:

```
1 2 3 4 5 6
123456789012345678901234567890123456789012345678901234
01 BUSINESS FILE
02
03 10/N:1 STEVENSON/JONATHAN/RICHARD
04 20/N:1 JCTEST/TWO
05 30/N:1 BABY/ONE*13DEC06
06 4Y/P:ATLB/770 563 5555
07 5Y/R:DC
08 6Y/T:T/
09 7Y/D-DELIVER ADDRESS
10 8Y/MF:DANA.CRAVEN@GALILEO.COM
11 9Y/MT:DANA.CRAVEN@GALILEO.COM
12 10Y/¤:5 THIS IS A TEST PNR
13 12R/¤:3 DOCS/P/USA/XXXXX1234/USA/XXXXXXX//STEVENSON/JONATHAN
14 13R/¤:3 DOCO/PARIS FR/V/XXXXX1234/LONDON GB/12JUL15/GBR
15 14R/¤:3 DOCA/R/USA/10 MAIN STREET/ATLANTA/GA/30139
```


Galileo Examples:

PNR/BF: *ALL

	1	2	3	4	5	6
	1234567890123456789012345678901234567890123456789012345678901234					
01	1.1STEVENSON/JONATHANRICHARD					
02	1. DL 1991 Y 01JUL ATLMIA HK1 1305 1458 O*					
03	E WE					
04	FONE-ATLB770 563 5555					
05	TKTG-T*/					
06	VLOC-DL*P0J6OE/04JUN 1819					
07	** SPECIAL SERVICE REQUIREMENT **					
08	SEGMENT/PASSENGER RELATED					
09	S 1. DL 1991 Y 01JUL ATLMIA					
10	P 1. STEVENSON/JONAT	DOCO	HK 1	PARIS FR/V/XXX4567/	LONDON G-	
11				B/12JUL15/US		
12		DOCS	HK 1	P/GB/XXXXX1234//XXXXXXX/	M/2-	
13				3AUG20/STEVENSON/JONATHAN/RI-		
14				CHARD		
15)>					

Special Service item: *SI

	1	2	3	4	5	6
	1234567890123456789012345678901234567890123456789012345678901234					
01	** SPECIAL SERVICE REQUIREMENT **					
02	SEGMENT/PASSENGER RELATED					
03	S 1. DL 1991 Y 01JUL ATLMIA					
04	P 1. STEVENSON/JONAT	DOCO	HK 1	PARIS FR/V/XXX4567/	LONDON	
05				GB/12JUL15/US		
06		DOCS	HK 1	P/GB/XXXXX1234//XXXXXXX/	M/	
07				23AUG20/STEVENSON/JONATHAN		
08				/RICHARD		
09	>					

History item: *HSI

	1	2	3	4	5	6
	1234567890123456789012345678901234567890123456789012345678901234					
	***** SERVICE INFORMATION HISTORY J7RB6F					

	** SEGMENT/PASSENGER RELATED **					
	HSI DL 1991 Y 01 JUL ATLMIA					
	AG 1. STEVENSON/JONAT#	NN/PN001	DOCO	PARIS		
	FR/V/XXX4567/	LONDON				
				GB/12JUL15/US		
	AG 1. STEVENSON/JONAT#	NN/PN001	DOCS			
	/GB/XXXXX1234//XXXXXXX/	M/2				
	3AUG20/STEVENSON/JONATHAN/RICHA					
				RD		
	RCVD-PAX/C001665					
	CRDT- XDB/	GK5/1G AG 66		1822Z/04JUN		
	>					

Client File item:

	1	2	3	4	5	6
	1234567890123456789012345678901234567890123456789012345678901234					
01	1G Client File:					
02	To display: C*50OB/DANA					
03	50OB/ATL PRODUCT ACCEPTANCE/DANA					09FEB09
04	BUSINESS FILE					
05	10/N.1STEVENSON/JONATHAN/RICHARD					
06	20/N.1JCTEST/TWO					
07	30/N.1BABY/ONE*13DEC06					
08	4Y/P.ATLB/770 777-7777-DC					
09	5Y/R.DC					
10	6Y/T.T*					
11	7Y/D.DELIVER ADDRESS					
12	10Y/NP.THIS IS A TEST PNR					
13	11R/SI.DOCS*P/USA/XXXXX1234//XXXXXXXX//STEVENSON/JONATHAN					
14	12R/SI.DOCO*PARIS FR/V/XXX4567/LONDON GB/12JUL15/GB					
15	13R/SI.DOCA*R/USA/10 MAIN STREET/ATLANTA/GA/30019					
16	END OF DISPLAY					

4.1. Control of Masking in Galileo/Apollo (only):

Galileo and Apollo will utilize the current functionality, illustrated below, to provide masking for Document Number and Date of Birth

The AAT 'MMSK' field/switch must be set to 'P' in order for the Sign On profile indicator (CMSK) to be used to control masking at the user level. Agencies must request this AAT field update in the same way they would currently request any other AAT updates.

Currently, a second level authorizer may update agency profiles within their agency with the following entries and updates to the fill-in-format display for 'CMSK' field.

Authorizer authority can make the following update:

Update 'CMSK' user authority to 'Y'es or 'N'o , tab to the last tab stop and enter.

CURRENT Apollo Example:

Control masking at USER LEVEL:

Entry: >STD/userid
Response:

```

1234567890123456789012345678901234567890123456789012345678901234
01 >STD/65413-0/** NAME: BILDERBECK/RUSS
02 ADDRESS CODE: ATLNA . TERMINALS IN USE: 04038C/.....
03
04 AUTHORITY LEVEL: AGENT 1ST LEVEL:íN 2ND LEVEL:íN
05 SELAC íNíN PFARE íNíN PDQA- íNíY
06 DARVP íYíY COWNR íNíN ETOD- íNíN FSHP- íNíN
07 DIAL- íNíN SPVRQ íNíY MSGQ- íNíY RULB- íNíN RULD- íNíN
08 RULX- íNíY MNTR- íNíN HORAC íNíN PREV- íNíY PRO-C íNíY
09 PRO-D íNíN PRO-M íNíY PRO-N íNíY PRO-O íNíN PRO-R íNíY
10 PRO-T íNíN PRO-U íNíN QFWD- íNíN QSUM- íNíN AATV- íNíN
11 DOTA íNíN HMLRG íNíN CMSK íNíY RBTC íNíN DSDB íNíN
12 ..... í.í. .... í.í. .... í.í. .... í.í. .... í.í.
13 í >

```

CURRENT Galileo Example:

Control masking at USER LEVEL:

Entry - >STD/userid/**
Response:

```

1234567890123456789012345678901234567890123456789012345678901234
01 >STD/ 123435-1 /** NAME: JOUBERT MICHELLE
02 ADDRESS CODE: DENNA TERMINALS IN USE: CCD10E/.....
03 AUTHORITY LEVEL: AGENT REQUESTER ID: í..... TYPE: í...
04
05 STOCK íNíN SALE íNíN MCOST íNíN CHKIN íNíN COMM íNíN
06 PAYMT íNíN RFRSH íNíN HLINE íNíN DEBT íNíN SELL íNíN
07 CLEAR íNíN PINV íNíN APRT íNíN ECCBP íNíN CCBYP íNíN
08 PDQA íNíY PDQB íN CFILO íNíN CFILC íNíY CFILM íNíY
09 QSORT íNíN CFILD íNíN CFILR íNíY CFILN íNíY CFILT íNíN
10 HORAC íNíN RULB íNíN RULD íNíN RULX íNíN ETOD íNíN
11 CFILU íNíN ..... í.í. AATV íNíN QFWD íNíN QSUM íNíN
12 TKMC íNíN DOTA íNíN HMLRG íNíN CMSK íNíY RBTC íNíN
13 ..... í.í. .... í.í. .... í.í. .... í.í. .... í.í.
14 í >

```

4.2. Control of Masking in Worldspan (only):

Worldspan will:

- Provide a security feature to allow specified SIDs and/or Agents to view Document Number and/or DOB information that will otherwise be masked. This security feature will allow designated Worldspan duty codes to authorize an individual agent, or, all agents within their SID to view Document Number and Date of Birth information input via SSR DOC item(s).
- Provide an Authorized Agent Table specifically for passenger information (this new table will not apply to credit card masking). Upon display, the table will reflect the agents/SIDs authorized to view all Document Number and DOB information, for their SID (only).
- Provide the ability to update or display lists of agents authorized for security exemptions for a SID being emulated. The user must first emulate into that SID to perform these functions.
- Display an acknowledgement to the agency when any update is made to the authorization table with an assumed agreement that the owner of the SID is responsible for all unauthorized access and use of the passenger travel document and date of birth information.

By updating the authorization table the SID owner will release Travelport GDS from all possible liability due to misuse of passenger travel document or date of birth information.

Note: For emulation, the SID actually making the entry to update the table, for a SID they are emulating to, will be considered the liable party.

WORLDSPAN Examples:

Add All Agents assigned to a SID:

```
Entry: >KRZHA/A5A/ALL
      |  |  |  |
      |  |  |  ALL
      |  |  SID
      |  A-ADD
      KRZH-functional entry
```

Response:

```

           1           2           3           4           5           6
1234567890123456789012345678901234567890123456789012345678901234
01  YOU THE AGENCY ASSUME ALL LIABILITY FOR THIS ACTION AND AGREE
02  TO INDEMNIFY AND HOLD HARMLESS WORLDSPAN FROM ALL RELATED
03  DAMAGES AND COSTS
04  >
```

Allow specific agent duty code to be added to un-mask DOC numbers and
DOB items:

```
Entry: >KRZHA/A5A/GS
      |  |  |  |
      |  |  |  Duty Code
      |  |  SID
      |  A-ADD
      KRZH-functional entry
```

Response:

```

          1          2          3          4          5          6
123456789012345678901234567890123456789012345678901234
01  YOU THE AGENCY ASSUME ALL LIABILITY FOR THIS ACTION AND AGREE
02  TO INDEMNIFY AND HOLD HARMLESS WORLDSPAN FROM ALL RELATED
03  DAMAGES AND COSTS
04  >
```

Display all items in the authority table:

```
Entry: >KRZH*/A5A
      |  |  |
      |  |  SID
      |  Asterisk
      KRZH-functional entry
```

Response:

```

          1          2          3          4          5          6
123456789012345678901234567890123456789012345678901234
01  ITEMS IN AUTHORIZD AGENT
02  -----
03  A5A ALL
04  >
```

Display all items in the authority table with a duty code in the display:

Entry: >KRZH*/A5A

```
| | |
| | SID
| Asterisk
KRZH-functional entry
```

Response:

```
          1          2          3          4          5          6
1234567890123456789012345678901234567890123456789012345678901234
01      ITEMS IN AUTHORIZD AGENT
02      -----
03      6MU PR
04      >
05
```

Remove 'ALL' users from the authority table for a SID or Mask the DOC numbers and DOB for the SID:

Entry: >KRZHD/A5A/ALL

```
| | | |
| | | ALL
| | SID
| D-Delete
KRZH-functional entry
```

Response:

```
          1          2          3          4          5          6
1234567890123456789012345678901234567890123456789012345678901234
01      OK
02      >
```

Remove all duty specific codes for the SID or Mask all the DOC numbers and DOB items for the duty code:

Entry: >KRZHD/6MU/GS
| | | |
| | | Duty Code
| | SID
| D-Delete
KRZH-functional entry

Response:

	1	2	3	4	5	6
	1234567890123456789012345678901234567890123456789012345678901234					
01	OK					
02	>					

Response to table display request when the table is empty:

Entry: >KRZH*/A5A
| | |
| | SID
| Asterisk
KRZH-functional entry

Response:

	1	2	3	4	5	6
	1234567890123456789012345678901234567890123456789012345678901234					
01	ITEM NOT FOUND					
02	>					

5. Audit Trail:

An Audit Trail log will be created to monitor and record changes to/within the Authorized Agent table for each GDS. This audit trail log will be updated any time a change in a table is made. The audit trail table will record the following information related to changes made to the Authorized Agent table. The Audit Trail log will be available for internal Travelport use only.

- Adds
- Deletes
- SID/PCC
- Date/Year/Time
- Duty code or Agent Sine

6. Masking of data in the PSI Template (Worldspan only)

Date of Birth (DOB) and Document Number (NBR) information on DOCS and DOCO information will be masked in a displayed PSI template.

NOTE The PSI Template is applicable in Worldspan, NW and Meridian carrier partitions only. Therefore, sections 6 and 7 of this Product Advisory are not applicable to Apollo or Galileo users.

Example of DOB and NBR Masked in Worldspan PSI Template:

	1	2	3	4	5	6
	1234567890123456789012345678901234567890123456789012345678901234					

```

01  ^**** PAX SUPPLEMENTAL INFO  -- PAX 001 OF 001          ****
02                                     >VIEW
03  1.1 PNR-NM BILDERBECK/A
04      GENDER (M) DOB (@-----@) COUNTRY OF RESIDENCE (USA)
05  DOCS-(1) TYPE (P) NBR (@-----@4568 )
06      ISSUED BY (USA) NATIONALITY (USA) EXPIRES (12JAN20)
07      DOC-NM (BILDERBECK/A )
08  DESTINATION ADDR STREET (1245 STR )
09      CITY (ATLANTA ) STATE (GA)
10      COUNTRY (USA) ZIP CODE (31124 64561)
11  ACTION (.....) CURR OPTION- FULL
12  E/ER TO UPDATE I/IR TO IGNORE H/HELP MU/MD/MT/MB
13  VIEW OPTIONS - DOCS DOCO DOCA ADDR FQTV PCTC APIS
14  >
```

6.1. To modify the DOB or NBR in the DOCS or DOCO PSI template the new information/data must be input between the applicable parentheses starting on the first '@' 'masked' indicator.

Input Examples:

(Existing Masked data)	(New Data Input)
DOB (@-----@)	DOB (04APR50)
NBR (@-----@7890)	NBR (123456895)

Upon input of new data any residual characters of existing 'masked' data (including @ indicators) must be removed by spaces; otherwise an error will be issued.

Input Example:

(Existing Masked data)	(New Data Input)
NBR (@-----@9876)	NBR (1234567)
(10 characters)	(7characters)

The following example illustrates the PSI template returned with the incorrect data, which would need to be modified to be accept the new NBR.

Error Response in PSI Template:

```

1234567890123456789012345678901234567890123456789012345678901234
01 ***** PAX SUPPLEMENTAL INFO -- PAX 001 OF 001 *****
02                                                                 >VIEW
03 1.1 PNR-NM BILDERBECK/A
04 GENDER (M) DOB (@-----@) COUNTRY OF RESIDENCE (USA)
05 DOCS-(1) TYPE (P) NBR (1234567--@9876)
06 ISSUED BY (USA) NATIONALITY (USA) EXPIRES (12JAN20)
07 DOC-NM (BILDERBECK/A)
08 DESTINATION ADDR STREET (1245 STR)
09 CITY (ATLANTA) STATE (GA)
10 COUNTRY (USA) ZIP CODE (31124 64561)
11 ACTION (.....) CURR OPTION- FULL
12 E/ER TO UPDATE I/IR TO IGNORE H/HELP MU/MD/MT/MB
13 VIEW OPTIONS - DOCS DOCO DOCA ADDR FQTV PCTC APIS
14 >
    
```

6.2. To remove the DOB or NBR from the DOCS or DOCO PSI template the information must be 'spaced' out completely.

Examples:

(Existing Masked data)	(New Data Input = Spaces)
NBR (@-----@9876) →	NBR ()
	(replace existing data with spaces)

7. PSI Template (Worldspan only):

Currently the PSI (Passenger Supplemental Information) Template may be used by Worldspan subscribers to automatically create information for the DOCS and DOCA only. There must be a displayed PNR or a PNR booking must be in progress with flight and passenger names to access the PSI template. A PSI may be created for each passenger in the PNR.

NOTE The PSI Template is applicable to Worldspan (1P) GDS, NW and Meridian carrier partitions only. Therefore, sections 6 and 7 of this Product Advisory are not applicable to Apollo or Galileo users.

The following changes will be made to the PSI Template:

7.1. Lift the restrictions on the input of DOCS, DOCA and DOCO information in the PSI the same as manual entries.

As with the manually input SSR DOCS, DOCA and DOCO, the completion of all fields is not required (refer to PA 694 – Secure Flight, Phase1). The same rules and conditions apply for fields in the PSI as they do with Manual input, e.g. For DOCS Document types must have document number and country of issue.

7.2. Add the view options DOCA to the PSI Mask:

Either the new DOCA or the existing ADDR option may be input in the ACTION field of the PSI Mask and the address mask will be displayed. Likewise, a quick view option entry is also now available for DOCA

Example: *PSI#-DOCA

```

1234567890123456789012345678901234567890123456789012345678901234
01 **** PAX SUPPLEMENTAL INFO -- PAX 001 OF 001 ****
02 >VIEW
03 1.1 PNR-NM STEVENSON/JONATHAN RICHARD
04 GENDER (M) DOB (12JUL64) COUNTRY OF RESIDENCE (...)
05 DESTINATION ADDR STREET (.....)
06 CITY (.....) STATE (...)
07 COUNTRY (...) ZIP CODE (.....)
08 ACTION (DOCA) CURR OPTION- ADDR
09 E/ER TO UPDATE I/IR TO IGNORE H/HELP MU/MD/MT/MB
10 VIEW OPTIONS - DOCS DOCO DOCA ADDR FQTV PCTC APIS >
11

```

7.3. The PSI template has been expanded to allow for DOCO information to be input and to automatically update the PNR with an applicable SSR DOCO field.

- Today the user may access the PSI from a PNR by entering *PSI or they may display parts of the PSI using name select of specific view option items. The following new *PSI option have been created:

New option to access PSI DOCS Template: *PSI|-DOCS

New option to access PSI DOCO Template: *PSI|-DOCO

- A new DOCO item will be shown in the VIEW OPTIONS on the PSI Template. The DOCO option may be input in the Action field and take the user direct to the DOCO template for data input.

Example of PSI – DOCO Template:

```

1234567890123456789012345678901234567890123456789012345678901234
01 **** PAX SUPPLEMENTAL INFO -- PAX 001 OF 001 ****
02 >VIEW
03 1.1 PNR-NM TEST/XYZ
04 GENDER (.) DOB (DDMMYY) COUNTRY OF RESIDENCE (...)
05 DOCO- (1) PLACE OF BIRTH (.....)
06 TYPE (.) NBR (.....)
07 PLACE OF ISSUE (.....)
08 DATE OF ISSUE (DDMMYY) COUNTRY (...) INFANT (.)
09 ACTION (.....) CURR OPTION- FULL
10 E/ER TO UPDATE I/IR TO IGNORE H/HELP MU/MD/MT/MB
11 VIEW OPTIONS - DOCS DOCO DOCA ADDR FQTV PCTC APIS >
    
```

- The addition of DOCO functionality in the PSI Template will support all valid document types including 'V' (Visa), 'R' (Redress Number) and 'K' (Known Traveler Number), as well as, the requirements for document numbers. As with the manually input of SSR DOCO, if an 'R' indicator is used then an SSR DOCS is also required for each applicable passenger.

7.4. The PSI DOC-NM field Middle Name or Initial – DOCS:

The DOC-NM field will now allow a 'middle' name or 'initial' to be specified. The middle name or initial will be input after the first name and an oblique (/).

A minimum of one (1) alpha character is required for the middle name(s) or initial(s). The data will be treated as the 'middle' name or 'initial' and be formatted to the SSR DOCS item accordingly.

The following field lengths and attributes will apply:

- PSI – DOC-NM – Maximum 46 characters (no change) – alphas - 1 or 2 oblique's are allowed
- Last name – Minimum 1 and maximum 25 (no change) – followed by an oblique. Spaces are allowed within the last name:

e.g. IRELAND OCONNELL/VIRGINIA

- First Name – Minimum 1 and maximum 20 (no change) – followed by an oblique (optional) and middle name or initial. Spaces are allowed within the first name:

e.g. BILDERBECK JR/RUSSELL ANDREW

- Middle name – Minimum 1 and maximum 20 – (optional element) may not exceed maximum length of the DOC-NM field – up to 20 characters may be input for the middle name. However, the maximum for first name, middle name and last name is a combined total of 45 characters. Spaces are allowed when multiple middle names are used:

e.g. BILDERBECK JR/RUSS/ANDREW CHARLES

An oblique (/) may not be the last character of the field of the DOC-NM field.

Example of DOC-NM Field:

```

1234567890123456789012345678901234567890123456789012345678901234
01 **** PAX SUPPLEMENTAL INFO -- PAX 001 OF 001 ****
02 >VIEW
03 1.1 PNR-NM BILDERBECK/RUSS
04 GENDER (M) DOB (12JUL64) COUNTRY OF RESIDENCE (...)
05 DOCS-(1) TYPE (P) NBR (12345679.....)
06 ISSUED BY (US.) NATIONALITY (...) EXPIRES (DDMMYY)
07 DOC-NM (BILDERBECK JR/RUSS/ANDREW.....)
08 DESTINATION ADDR STREET (.....)
09 CITY (.....) STATE (...)
10 COUNTRY (...) ZIP CODE (.....)
11 ACTION (.....) CURR OPTION- FULL
12 E/ER TO UPDATE I/IR TO IGNORE H/HELP MU/MD/MT/MB
13 VIEW OPTIONS - DOCS DOCO DOCA ADDR FQTV PCTC APIS
14 >
15
    
```

Example: PNR SSR DOCS items:

```

1234567890123456789012345678901234567890123456789012345678901234
01 G- 1.SSRDOCSAAHK1/P/US/123456789//12JUL64/M//BILDERBECK
02 JR/RUSS/ANDREW-1.1
03 >
    
```

- If a manual SSR DOCS item is created with a passenger 'middle' name or initial, that information will be displayed in the PSI as result of a *PSI or *PSI#-DOCS entry.

Example: PNR SSR DOCS item manually created:

```

1234567890123456789012345678901234567890123456789012345678901234
01 G- 1.SSRDOCSAAHK1/P/US/123456789//12JUL64/M//BILDERBECK
02 JR/RUSS/ANDREW-1.1
03 >
    
```

Example: *PSI or *PSI#-DOCS entry:

1 2 3 4 5 6
123456789012345678901234567890123456789012345678901234

```

01 **** PAX SUPPLEMENTAL INFO -- PAX 001 OF 001 ****
02                                     >VIEW
03 1.1 PNR-NM BILDERBECK/RUSS
04 GENDER (M) DOB (12JUL64) COUNTRY OF RESIDENCE (...)
05 DOCS-(1) TYPE (P) NBR (12345679.....)
06 ISSUED BY (US.) NATIONALITY (...) EXPIRES (DDMMYY)
07 DOC-NM (BILDERBECK JR/RUSS/ANDREW.....)
08 DESTINATION ADDR STREET (.....)
09 CITY (.....) STATE (...)
10 COUNTRY (...) ZIP CODE (.....)
11 ACTION (.....) CURR OPTION- FULL
12 E/ER TO UPDATE I/IR TO IGNORE H/HELP MU/MD/MT/MB
13 VIEW OPTIONS - DOCS DOCO DOCA ADDR FQTV PCTC APIS >
    
```

- If an oblique is input after the last name, first name or middle name, but no data is input after the oblique, the system will issue an error response. A minimum of one (1) alpha character is required after each oblique.

Examples:

DOC-NM (BILDERBECK/RUSS/.....)

Error message:

DOC-NM MISSING/INVALID. ALPHA CHAR - LAST/FIRST/MIDDLE FORMAT

- If the maximum number of characters is exceeded for the Last, First or Middle name a new error response will be issued.

New Error message:

DOC-NM ERR MAX ALPHAS - LAST NM 25 / FIRST NM 20 / MIDDLE NM 20

Example:

```

1234567890123456789012345678901234567890123456789012345678901234
01 **** PAX SUPPLEMENTAL INFO -- PAX 001 OF 001 ****
02 >VIEW
03 1.1 PNR-NM BILDERBECK/RUSS
04 GENDER (M) DOB (12JUL64) COUNTRY OF RESIDENCE (...)
05 DOCS-(1) TYPE (P) NBR (12345679.....)
06 ISSUED BY (US.) NATIONALITY (...) EXPIRES (DDMMYY)
07 DOC-NM (BILDERBECK/RUSS/.....)
08 DESTINATION ADDR STREET (.....)
09 CITY (.....) STATE (..)
10 COUNTRY (...) ZIP CODE (.....)
11 ACTION (.....) CURR OPTION- FULL
12 E/ER TO UPDATE I/IR TO IGNORE H/HELP MU/MD/MT/MB
13 VIEW OPTIONS - DOCS DOCO DOCA ADDR FQTV PCTC APIS
14 DOC-NM MISSING/INVALID. ALPHA CHAR - LAST/FIRST/MIDDLE FORMAT.
15 >
    
```

7.5. Expansion of Zip Code Field in PSI DOCA Template:

The Zip Code field has been expanded for the DOCA from 5 characters to 10 alphanumeric.

08	DESTINATION ADDR STREET (.....)
09	CITY (.....) STATE (..)
10	COUNTRY (...) ZIP CODE (.....)
11	ACTION (.....) CURR OPTION- FULL

7.6. End Transaction:

Currently the Action field on the PSI template will allow either "E" to end-transaction or "ER" to end- transaction and retrieve.

If a DOCO with an 'R' document type was input for any passenger then a DOCS is required for the same passenger/s. A PSI error will be issued reminding the user to input the applicable DOCS item.

```

1234567890123456789012345678901234567890123456789012345678901234
01 **** PAX SUPPLEMENTAL INFO -- PAX 001 OF 001 ****
02 >VIEW
03 1.1 PNR-NM TEST/XYZ
04 GENDER (.) DOB (DDMMYY) COUNTRY OF RESIDENCE (...)
05 DOCO- (1) PLACE OF BIRTH (HOT SPRINGS.....)
06 TYPE (R) NBR (123456894563.....)
07 PLACE OF ISSUE (WASHINGTON DC.....)
08 DATE OF ISSUE (04MAY08) COUNTRY (USA) INFANT (.)
09 ACTION (E.....) CURR OPTION- FULL
10 E/ER TO UPDATE I/IR TO IGNORE H/HELP MU/MD/MT/MB
11 VIEW OPTIONS - DOCS DOCO DOCA ADDR FQTV PCTC APIS
12 RQRD
13 >ERR-SSRDOCS REQUIRED FOR EACH REDRESS PASSENGER SSRDOCO INFO
    
```

8. TripManager and Traversa

TripManager and Traversa will support:

- DOCO – document types 'R' Redress and 'K' Known Traveler
- Masking of passenger information document numbers and date of birth
- Provide a link to WWW.TSA.GOV for TSA privacy policies.

NOTE: Details of TripManager and Traversa enhancements will in separate Product Advisories.

9. Implication to Travelport Corporate Booking Tools:

.As a courtesy Travelport is providing the following Privacy Notice from the TSA.

"The Transportation Security Administration requires us to collect information from you for purposes of watch list matching, under the authority of 49 U.S.C. Section 114, and the Intelligence Reform and Terrorism Prevention Act of 2004. Providing this information is voluntary; however, if it is not provided, you may be subject to additional screening or denied transport or authorization to enter a sterile area. TSA may share information you provide with law enforcement or intelligence agencies or others under its published system of records notice. For more on TSA Privacy policies or to view the system of records notice and the privacy impact assessment, please see TSA's web site at www.tsa.gov."

NOTE The Privacy Notice is required for and applies ONLY to Online Travel Agencies or agencies offering bookings using a third party booking tools via the web i.e. Required by 3rd party booking tools like Traversa and Getthere, as well as, consumer online sites. The Privacy Notice is NOT required by the Travelport GDS systems (Apollo, Galileo, Worldspan). Therefore, the Privacy Notice will not be displayed by any Travelport GDS (Apollo, Galileo, Worldspan) nor will the Privacy Notice be transmitted by any Travelport GDS system in any message.

10. DIR

A separate Development Advisory will be issued by the messaging group.

11. XML Pro

A separate Development Advisory will be issued by the messaging group.

12. NW and Meridian Carriers:

Secure Flight enhancements for Meridian Carriers will be defined in a separate Product Advisory

Glossary

Term	Definition

THE INFORMATION CONTAINED IN THIS DOCUMENT IS CONFIDENTIAL AND PROPRIETARY TO TRAVELPORT

Copyright

Copyright © Travelport and/or its subsidiaries. All rights reserved.

Travelport provides this document for information purposes only and does not promise that the information contained in this document is accurate, current or complete. This document is subject to change without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or any means electronic or mechanical, including photocopying and recording for any purpose other than the licensee's personal use without the prior written permission of Travelport and/or its subsidiaries.

Trademarks

Travelport and/or its subsidiaries may have registered or unregistered patents or pending patent applications, trademarks copyright, or other intellectual property rights in respect of the subject matter of this document. The furnishing of this document does not confer any right or license to or in respect of these patents, trademarks, copyright, or other intellectual property rights.

All other companies and product names are trademarks or registered trademarks of their respective holders.