

1.1. TFC: Transaction Fee Counters

Line identifier : TFC

Type : In this pseudo EDIFACT segment no separators are used. The "segment" will be terminated by a Carriage Return.

Purpose : This line item is used to transmit Transaction Counters from an active TSF, for a passenger or for a Group.

Segment Requirement:

Ticketing AIR	: N/A
Ticketing AIR for Back Office (options 5A/5B/7A/8A)	: Optional
MCO AIR (options /5M/5N/7M/8M)	: Optional
EMD AIR (option 7D)	: Optional
PTA Creation AIR (P)	: N/A
Additional Collection AIR (A)	: N/A
PNR Update (AF Flag) AIR (AU)	: N/A
ATB Revalidation AIR (AR)	: N/A
ATB Boarding Pass AIR (AB)	: N/A
ATB Duplicate Boarding Pass AIR (AD)	: N/A
Automated IMR without Fare data(O)	: Optional
Manual IMR without fare data (BT)	: Optional
IMR with fare data (IM)	: Optional
Invoice Accounting Data AIR (IA,IB)	: Optional
Manual Registrations (MR)	: Optional
Mini AIR - ECCP (MA)	: Optional
Cancellation AIR (CA)	: Optional
Refund Data AIR (RF)	: Optional
Car Voucher Accounting Data AIR (CV)	: Optional
(Travel) Insurance Data AIR (IV)	: Optional
Hotel Voucher Data AIR (HV)	: Optional
Rail Accounting AIR (RA)	: Optional

Ref. No	NAME	Requirement Designator	Type Length Iteration	Description
1	MSGTAG	M	an3	Message Tag (TFC)
2	DELIM	M	an1	Delimiter (Constant value of ';')
3	TRANSACTION COUNTER INFORMATION - THIS IS A COMPOSITE ELEMENT One element of the composite is composed of a tag, a delimiter (-) and a value. The data presence in the composite is conditioned by a TCVAL value which is not null. The order of appearance is defined by the list of TCTAG defined below.			
4	TC INFO	C	(1..150)	
5	TCTAG	M	an2..4	Value to be taken in the list of possible TCTAG (below this table).
6	TCAUTOMAN	M	an1	Indicator stating if the TCVAL parameter is the result of the process calculation (TCAUTOMAN takes value “-” for Automatic) or if it has been manually updated (TCAUTOMAN takes value “M” for Manual).
7	TCVAL	M	an..10	Transaction Counter value
8	DELIM	C	an1	Delimiter (Constant value of '+')

9	END OF COMPOSITE ELEMENT
	For a detailed description of the above fields please refer to A02AIR3535 - Transaction Fee Phase 1 - Product Specification

List of possible TCTAG values:

Please refer to document PSPSVF0001 – Price Scheme Management. The list of TCTAG is defined in the Appendice, Input Variables, Counters type ‘BKG’.

Examples:

TFC;FLSS-4<CR>

TFC;MOIS-12<CR>

TFC;FLSS-4+FLSX-2+CASS-2+CASX-1+HOSS-3+INSS-2+INSX-1+ATSS-1+TKVX-2+TKRF-1+MOIS-3<CR>

TFC;FLSS-4+FLSX-2+MOIS-3<CR>

TFC;FLSS-4+FLSX-2+CASS-2+CASX-1+HOSS-3+HOSX-6+RASS-4+RASX-3+INSS-10+INSX-5+CRSS-10+MCSS-5+MCSX-4+MHSS-99+MHSX-98+MTSS-2+MTSX-1+ATSS-3+ATSX-1+TOSS-7+TOSX-5+TKVX-2+TKRF-1+TKRI-6+TKIS-7+MOIS-3<CR>

1.2. TFD: TSF Service Fee Data

Line identifier : TFD

Type : In this pseudo EDIFACT segment no separators are used. The "segment" will be terminated by a Carriage Return.

Purpose : This line item is used to transmit the service fee data corresponding to one validated TSF (Transitional Stored Fee): total service fee amount and details, for a passenger or for a Group.

Segment Requirement:

Ticketing AIR	: Optional
Ticketing AIR for Back Office (options 5A/5B/7A/8A)	: Optional
MCO AIR (options /5M/5N/7M/8M)	: Optional
EMD AIR (option 7D)	: Optional
PTA Creation AIR (P)	: N/A
Additional Collection AIR (A)	: N/A
PNR Update (AF Flag) AIR (AU)	: N/A
ATB Revalidation AIR (AR)	: N/A
ATB Boarding Pass AIR (AB)	: N/A
ATB Duplicate Boarding Pass AIR (AD)	: N/A
Automated IMR without Fare data(O)	: Optional
Manual IMR without fare data (BT)	: Optional
IMR with fare data (IM)	: Optional
Invoice Accounting Data AIR (IA,IB)	: Optional
Manual Registrations (MR)	: Optional
Mini AIR - ECCP (MA)	: Optional
Cancellation AIR (CA)	: Optional
Refund Data AIR (RF)	: Optional
Car Voucher Accounting Data AIR (CV)	: Optional
(Travel) Insurance Data AIR (IV)	: Optional
Hotel Voucher Data AIR (HV)	: Optional
Rail Accounting AIR (RA)	: Optional

Ref. No	NAME	Requirement Designator	Type Length Iteration	Description
1	MSGTAG	M	a3	Message Tag (TFD)
2	TSFNUM	M	an1..10	TSF number
3	DELIM	M	a1	Delimiter (Constant value of ';')
4	PSR	M	an1..10	Price Scheme Reference
5	DELIM	M	a1	Delimiter (Constant value of ';')
6	DATEVALI	M	an7	Date of validation of the TSF (DDMMYY)
7	DELIM	M	a1	Delimiter (Constant value of ';')
8	OFFVALI	M	an..9	Office ID which created the TSF
9	DELIM	M	a1	Delimiter (Constant value of ';')
10	CURCOD	M	an3	Fee Total Amount Currency Code
11	FEEAMTSIGN	C	a1	Value “-“ if FEEAMT is negative
12	FEEAMT	M	an..11	Fee Total Calculated Amount
13	DELIM	M	a1	Delimiter (Constant value of ';')
14	ADJAMTSIGN	C	a1	Value “-“ if ADJAMT is negative
15	ADJAMT	O	an..11	Fee Adjustment Amount
16	DELIM	M	a1	Delimiter (Constant value of ';')

17	ADJREA	C	an..50	Reason for Adjustment. Sent if value filled in TSF
18	DELIM	M	a1	Delimiter (Constant value of ';')
19	DATEBEGIN	M	an7	Begin date of the PS that has been retrieved (DDMMYY)
20	DELIM	M	a1	Delimiter (Constant value of ';')
21	REVTYPE	C	a3	Revenue type
22	DELIM	M	a1	Delimiter (Constant value of ';')
23	PRDTYPE	C	a3	Product type
24	DELIM	M	a1	Delimiter (Constant value of ';')
25	PSRID	C	an20	Price Scheme Rule ID
26	DELIM	M	a1	Delimiter (Constant value of ';')
27	REVCLCODE	C	An3	Revenue Collection Code
28	DELIM	M	a1	Delimiter (Constant value of ';')
29	REVCODE	C	an50	Revenue code
30	DELIM	M	a1	Delimiter (Constant value of ';')
31	VATIND	C	a1	VAT indicator (value of E for exclusive or value of I for inclusive)
	For a detailed description of the above fields please refer to PSPTXF0002 – Automated Service Fee - Product Specification			

Examples:

- Positive FEEAMT

TFD14;20SEP06;1749;25SEP06;FEE;FLT;15;123;REVENUECODE;I;YTOC4211
0;CAD8.00;;<CR>

- Negative FEEAMT

TFD20;20SEP06;1749;25SEP06;FEE;FLT;15;123;REVENUECODE;I;YTOC4211
0;CAD-20.00;;<CR>

- FEEAMT null

TFD14;20SEP06;1749;25SEP06;FEE;FLT;15;123;REVENUECODE;I;YTOC4211
0;CAD0.00;;<CR>

- Positive ADJAMT

TFD14;20SEP06;1749;25SEP06;FEE;FLT;15;123;REVENUECODE;I;YTOC4211
0;CAD8.00;CAD5.00;GOOD REASON FOR ADJUSTMENT<CR>

- Negative ADJAMT

TFD14;20SEP06;1749;25SEP06;FEE;FLT;15;123;REVENUECODE;I;YTOC4211
0;CAD8.00;CAD-4.00;GOOD REASON FOR ADJUSTMENT<CR>

- ADJAMT null

TFD14;20SEP06;1749;25SEP06;FEE;FLT;15;123;REVENUECODE;I;YTOC4211
0;CAD8.00;;<CR>

1.3. TFT: TSF Ticketing Fee Data

Line identifier : TFT

Type : In this pseudo EDIFACT segment no separators are used. The "segment" will be terminated by a Carriage Return.

Purpose : This line item is used to transmit the ticketing fee details and amount stored on a validated TSF, for a passenger or for a Group.

Segment Requirement:

Ticketing AIR	: Optional
Ticketing AIR for Back Office (options 5A/5B/7A/8A)	: Optional
MCO AIR (options /5M/5N/7M/8M)	: Optional
EMD AIR (option 7D)	: Optional
PTA Creation AIR (P)	: N/A
Additional Collection AIR (A)	: N/A
PNR Update (AF Flag) AIR (AU)	: N/A
ATB Revalidation AIR (AR)	: N/A
ATB Boarding Pass AIR (AB)	: N/A
ATB Duplicate Boarding Pass AIR (AD)	: N/A
Automated IMR without Fare data(O)	: Optional
Manual IMR without fare data (BT)	: Optional
IMR with fare data (IM)	: Optional
Invoice Accounting Data AIR (IA,IB)	: Optional
Manual Registrations (MR)	: Optional
Mini AIR - ECCP (MA)	: Optional
Cancellation AIR (CA)	: Optional
Refund Data AIR (RF)	: Optional
Car Voucher Accounting Data AIR (CV)	: Optional
(Travel) Insurance Data AIR (IV)	: Optional
Hotel Voucher Data AIR (HV)	: Optional
Rail Accounting AIR (RA)	: Optional

Ref. No	NAME	Requirement Designator	Type Length Iteration	Description
1	MSGTAG	M	a3	Message Tag (TFT)
2	TSTNUM	M	an1..10	TST Reference
3	DELIM	M	a1	Delimiter (Constant value of ';')
4	TSF Ticketing Fee data – COMPOSITE ELEMENT			
5	TKF INFO	C	(99)	TSF Ticketing Fee data COMPOSITE ELEMENT Presence of the occurrence conditioned by TKVAL filled in the TSF
6	TKTAG	M	an4	Parameter to be taken in the list of possible TKTAG (below this table). The order of appearance of the elements in the composite is defined by the list of TKTAG defined below.
7	TKAUTOMAN	M	a1	Indicator stating if the TKVAL parameter is the result of the process evaluation (TKAUTOMAN takes value “A” for

				Automatic) or if it has been manually updated (TKAUTOMAN takes value “M” for Manual)
8	TKVAL	M	an..20	Ticketing Parameter value. Possible values per TKTAG defined under this table.
9	DELIM	C	a1	Delimiter (Constant value of '+'). (No delimiters follows the last occurrence)
10	END OF COMPOSITE ELEMENT			
11	DELIM	M	an1	Delimiter (Constant value of ';')
12	TKTAMTSIGN	C	a1	Value “-“ if TKTAMT is negative
13	TKFAMT	M	an..11	Ticketing Fee Amount
	For a detailed description of the above fields please refer to PSPTXF0002 – Automated Service Fee - Product Specification			

List of possible TKTAG values:

Please refer to document PSPSVF0001 – Price Scheme Management. The list of TKTAG with their possible values is defined in the Appendice, Input Variables, Parameter type ‘TKF’.

Examples:

- Positive TKFAMT

TFT1; ITINAE+VDCAALH+BKCB AE+TKTPAE+FRTPAP+FOPTA00+CCTPA0+CCPRA00+FRAMA170.00+FRATA288.13+DPDTA14AUG09+ARDTA14AUG09+OWBOAY+ADBPA15+DURAA7+SSVLA0+POSCAFR+FLNBA0341+PDIDA0+SEASA0+DDAYATUE+SEGNA1+PARAA0+PARBA0+PARCA0+PARDA0+PAREA0+ACTYAB+ZONEAWEST EUROPE;EUR1.00<CR>

- Negative TKFAMT

TFT2113234; ITINAE+VDCAALH+BKCB AE+TKTPAE+FRTPAP+FOPTA00+CCTPA0+CCPRA00+FRAMA170.00+FRATA288.13+DPDTA14AUG09+ARDTA14AUG09+OWBOAY+ADBPA15+DURAA7+SSVLA0+POSCAFR+FLNBA0341+PDIDA0+SEASA0+DDAYATUE+SEGNA1+PARAA0+PARBA0+PARCA0+PARDA0+PAREA0+ACTYAB+ZONEAWEST EUROPE;EUR-10.00<CR>

- Valid TKVALs, but TKFAMT null

TFT2113234; ITINAE+VDCAALH+BKCB AE+TKTPAE+FRTPAP+FOPTA00+CCTPA0+CCPRA00+FRAMA170.00+FRATA288.13+DPDTA14AUG09+ARDTA14AUG09+OWBOAY+ADBPA15+DURAA7+SSVLA0+POSCAFR+FLNBA0341+PDIDA0+SEASA0+DDAYATUE+SEGNA1+PARAA0+PARBA0+PARCA0+PARDA0+PAREA0+ACTYAB+ZONEAWEST EUROPE;EUR0.00<CR>

- No TKVAL sent

TFT654378;;EUR145.00<CR>

1.4. TFP: PNR Fee Data

Line identifier: TFP

Type: In this pseudo EDIFACT segment no separators are used. The "segment" will be terminated by a Carriage Return.

Purpose: This line item is used to transmit the Booking Process Fee details and amounts, and Contextual Fee details and amounts, from a validated TSF, for a passenger or for a Group.

Segment Requirement:

Ticketing AIR	: Optional
Ticketing AIR for Back Office (options 5A/5B/7A/8A)	: Optional
MCO AIR (options /5M/5N/7M/8M)	: Optional
EMD AIR (option 7D)	: Optional
PTA Creation AIR (P)	: N/A
Additional Collection AIR (A)	: N/A
PNR Update (AF Flag) AIR (AU)	: N/A
ATB Revalidation AIR (AR)	: N/A
ATB Boarding Pass AIR (AB)	: N/A
ATB Duplicate Boarding Pass AIR (AD)	: N/A
Automated IMR without Fare data(O)	: Optional
Manual IMR without fare data (BT)	: Optional
IMR with fare data (IM)	: Optional
Invoice Accounting Data AIR (IA,IB)	: Optional
Manual Registrations (MR)	: Optional
Mini AIR - ECCP (MA)	: Optional
Cancellation AIR (CA)	: Optional
Refund Data AIR (RF)	: Optional
Car Voucher Accounting Data AIR (CV)	: Optional
(Travel) Insurance Data AIR (IV)	: Optional
Hotel Voucher Data AIR (HV)	: Optional
Rail Accounting AIR (RA)	: Optional

Ref. No	NAME	Requirement Designator	Type Length Iteration	Description
1	MSGTAG	M	a3	Message Tag (TFP)
2	DELIM	M	a1	Delimiter (Constant value of ';')
3	TSF Booking Process Fee data – COMPOSITE ELEMENT			
4	TC INFO	C	(99)	TSF Booking Process Fee data COMPOSITE ELEMENT Presence of the occurrence is determined by TCVAL>0
5	TCTAG	M	an4	Parameter to be taken in the list of possible TCTAG (see TFC tag description). The order of appearance of the elements in the composite is defined by the list of TCTAG.
6	BFAUTOMAN	M	a1	Indicator stating if the TCVAL parameter is the result of the process calculation (BFAUTOMAN takes value “-” for Automatic) or if it has been manually updated (BFAUTOMAN takes value “M” for Manual)
7	TCVAL	M	an..10	Booking Process Fee Parameter value

8	DELIM	C	a1	Delimiter (Constant value of '+'). (No delimiters follows the last occurrence)
9	END OF COMPOSITE ELEMENT			
10	DELIM	M	an1	Delimiter (Constant value of ';')
11	BKFAMTSIGN	C	a1	Value “-“ if BKFAMT is negative
12	BKFAMT	C	an..11	Booking Process Fee Amount
13	DELIM	M	an1	Delimiter (Constant value of ';') .
14	TSF Contextual Fee data – COMPOSITE ELEMENT			
15	CF INFO	C	(99)	TSF Contextual Fee data COMPOSITE ELEMENT Presence of the occurrence conditioned by CFVAL filled in the FST
16	CFTAG	M	an4	Parameter to be taken in the list of possible CFTAG (see below this table). The order of appearance of the elements in the composite is defined by the list of CFTAG.
17	CFAUTOMAN	M	a1	Indicator stating if the CFVAL parameter the result of the process evaluation (CFAUTOMAN takes value “A” for Automatic) or if it has been manually updated (CFAUTOMAN takes value “M” for Manual)
18	CFVAL	M	an..20	Contextual Parameter value
19	DELIM	C	a1	Delimiter (Constant value of '+'). (No delimiters follows the last occurrence)
20	END OF COMPOSITE ELEMENT			
21	DELIM	M	a1	Delimiter (Constant value of ';')
22	CFAMTSIGN	C	a1	Value “-“ if CFAMT is negative
23	CFAMT	M	an..11	Contextual Fee Amount
	For a detailed description of the above fields please refer to PSPTXF0002 – Automated Service Fee - Product Specification			

List of possible TCTAG values by order of appearance:

See chapter describing TFC tag.

Possible values for TCTAGs

TCTAG correspond to counters of agent actions. Thus values are positive number.

List of possible CFTAG values:

Please refer to document PSPSVF0001 – Price Scheme Management. The list of CFTAG with their possible values is defined in the Appendice, Input Variables, Parameters type ‘CTF’.

Examples:

- With Booking Process Fee and Contextual Fee:

```
TFP;FLSSM4+FLSX-2+CASS-2+CASX-1+HOSSM3+INSS-2+INSX-1+ATSS-  
1+TKVX-2+TKRF-  
1+MOISM3;69.00;BKCHAT+GPAXA1+DVTPA00+PATYAADT;5.00<CR>
```

- Without Booking Process Fee and with Contextual Fee:

```
TFP;;;BKCHAT+GPAXA1+DVTPA00+PATYAADT;5.00<CR>
```

- Booking Process Fee amount null but TCVAL valid + Contextual Fee:

```
TFP;FLSSM5+FLSX-7;0.00;BKCHAT+GPAXA1+DVTPA00+PATYAADT;5.00<CR>
```

- Booking Process Fee + Contextual Fee amount null but CFVAL valid:

```
TFP;FLSSM3+FLSX-4;27.00;BKCHAT+GPAXA1+DVTPA00+PATYAADT;0.00<CR>
```

- Negative Booking Process Fee and Positive Contextual Fee:

```
TFP;FLSSM2+FLSX-3;-7.00;BKCHAT+GPAXA1+DVTPA00+PATYAADT;5.00<CR>
```

- Positive Booking Process Fee and Negative Contextual Fee:

```
TFP;FLSSM2+FLSX-3;77.00;BKCHAT+GPAXA1+DVTPA00+PATYAADT;-8.90<CR>
```

