

AIRTKTQXREFRES Version 2
QREX REFUND RESPONSE
Message Definition Record



For
Sabre Data Stream

Updated 04/18/2006

© 2000, Sabre Inc. All rights reserved.

This documentation is the confidential and proprietary intellectual property of Sabre Inc. Any unauthorized use, reproduction, preparation of derivative works, performance, or display of this document, or software represented by this document, without the express written permission of Sabre Inc. is strictly prohibited.

Sabre, the Sabre logo design, and (names of Sabre products) are trademarks and/or service marks of an affiliate of Sabre Inc. All other trademarks, service marks, and trade names are owned by their respective companies

Table of Contents

Table of Contents

Segment ID ERC001

Segment ID REFCMR

Segment ID CMPDET

Segment ID REFCNR

Segment ID ORG001

AIRTKTQXREFRES Version 2 QREX REFUND RESPONSE

Error Response:

Segment ID ERC001

Nesting Level 0 - Mandatory/Optional Flag O Repeat Factor 1

Element ID	Data Type	Rept. fact	Min. Size	MAX. Size	Man. /Opt.	Description	Example
00BO	C	1	1	3	M	IATA Application Error, Coded	18
0002	C	3	1	70	O	Free form text	UNABLE TO PROCESS PARTIAL REFUND

Segment ID ORG001

Nesting Level 0 - Mandatory/Optional Flag O Repeat Factor 1

Element ID	Data Type	Rept. fact	Min. Size	MAX. Size	Man. /Opt.	Description	Example
02NU	C	1	2	2	O	CRS ID	1S
013S	C	1	1	8	O	IATA/CST CODE	05514434
010C	C	1	1	9	O	PSEUDO CITY CODE	A0D0
00WQ	C	1	3	5	O	AGENCY CITY (LOR)	LAX
02NT	C	1	1	4	O	DUTY CODE AND AGENT SINE	SBU
026Y	C	1	1	1	O	AGENT WORK AREA	A
023B	C	1	1	9	O	TRANSACTION DATE	26AUG2003
01MK	C	1	1	9	O	TIME	1146

FULL REFUND:

Segment ID REFCMR

Nesting Level 0 - Mandatory/Optional Flag O Repeat Factor 1

Element ID	Data Type	Rept. fact	Min. Size	MAX. Size	Man. /Opt.	Description	Example
028E	C	1	1	10	M	PQR RECORD NUMBER	04
02NS	C	1	1	10	O	CANCELLATION PENALTY	
005Y	C	1	1	11	M	TOTAL REFUND	-1046.50

Segment ID CMPDET

Nesting Level 0 - Mandatory/Optional Flag O Repeat Factor 3

Element ID	Data Type	Rept. fact	Min. Size	MAX. Size	Man. /Opt.	Description	Example
002R	C	1	1	10	M	Type	R
00PD	C	1	1	3	M	Base Fare Currency Code	USD
00XF	C	1	1	11	M	BASE AMOUNT	-966.51
00PF	C	1	1	3	O	EQUIVALENT FARE CURRENCY CODE	
00AV	C	1	1	20	O	Equivalent Amount	
01Q0	C	1	1	20	O	TOTAL TAXES	-79.99
0110	C	1	1	11	M	TOTAL AMOUNT	-1046.50

Segment ID ORG001

Nesting Level 0 - Mandatory/Optional Flag O Repeat Factor 1

Element ID	Data Type	Rept. fact	Min. Size	MAX. Size	Man. /Opt.	Description	Example
02NU	C	1	2	2	O	CRS ID	1S
013S	C	1	1	8	O	IATA/CST CODE	05514434
010C	C	1	1	9	O	PSEUDO CITY CODE	A0D0
00WQ	C	1	3	5	O	AGENCY CITY (LOR)	LAX
02NT	C	1	1	4	O	DUTY CODE AND AGENT SINE	SBU

AIRTKTQXREFRES Version 2 QREX REFUND RESPONSE

026Y	C	1	1	1	O	AGENT WORK AREA	A
023B	C	1	1	9	O	TRANSACTION DATE	26AUG2003
01MK	C	1	1	9	O	TIME	1146

PARTIAL REFUND:

Segment ID REFCMR

Nesting Level 0 - Mandatory/Optional Flag O Repeat Factor 1

Element ID	Data Type	Rept. fact	Min. Size	MAX. Size	Man. /Opt.	Description	Example
028E	C	1	1	10	M	PQR RECORD NUMBER	08
02NS	C	1	1	10	O	CANCELLATION PENALTY	
005Y	C	1	1	11	M	TOTAL REFUND	-2812.11

Segment ID CMPDET

Nesting Level 0 - Mandatory/Optional Flag O Repeat Factor 3

Nesting Level 0 - Mandatory/Optional Flag O Repeat Factor 1

Element ID	Data Type	Rept. fact	Min. Size	MAX. Size	Man. /Opt.	Description	Example
002R	C	1	1	10	M	Type	O
00PD	C	1	1	3	M	Base Fare Currency Code	USD
00XF	C	1	1	11	M	BASE AMOUNT	2938.60
00PF	C	1	1	3	O	EQUIVALENT FARE CURRENCY CODE	
00AV	C	1	1	20	O	Equivalent Amount	
01Q0	C	1	1	20	O	TOTAL TAXES	248.90
0110	C	1	1	11	M	TOTAL AMOUNT	3187.50

Nesting Level 0 - Mandatory/Optional Flag O Repeat Factor 2

Element ID	Data Type	Rept. fact	Min. Size	MAX. Size	Man. /Opt.	Description	Example
002R	C	1	1	10	M	Type	U
00PD	C	1	1	3	M	Base Fare Currency Code	USD
00XF	C	1	1	11	M	BASE AMOUNT	335.25
00PF	C	1	1	3	O	EQUIVALENT FARE CURRENCY CODE	
00AV	C	1	1	20	O	Equivalent Amount	
01Q0	C	1	1	20	O	TOTAL TAXES	40.14
0110	C	1	1	11	M	TOTAL AMOUNT	375.39

Nesting Level 0 - Mandatory/Optional Flag O Repeat Factor 3

Element ID	Data Type	Rept. fact	Min. Size	MAX. Size	Man. /Opt.	Description	Example
002R	C	1	1	10	M	Type	R
00PD	C	1	1	3	M	Base Fare Currency Code	USD
00XF	C	1	1	11	M	BASE AMOUNT	-2603.35
00PF	C	1	1	3	O	EQUIVALENT FARE CURRENCY CODE	
00AV	C	1	1	20	O	Equivalent Amount	
01Q0	C	1	1	20	O	TOTAL TAXES	-208.76
0110	C	1	1	11	M	TOTAL AMOUNT	-2812.11

Segment ID ORG001

Nesting Level 0 - Mandatory/Optional Flag O Repeat Factor 1

Element ID	Data Type	Rept. fact	Min. Size	MAX. Size	Man. /Opt.	Description	Example
02NU	C	1	2	2	O	CRS ID	1S
013S	C	1	1	8	O	IATA/CST CODE	05514434

AIRTKTQXREFRES Version 2 QREX REFUND RESPONSE

010C	C	1	1	9	O	PSEUDO CITY CODE	A0D0
00WQ	C	1	3	5	O	AGENCY CITY (LOR)	LAX
02NT	C	1	1	4	O	DUTY CODE AND AGENT SINE	SBU
026Y	C	1	1	1	O	AGENT WORK AREA	A
023B	C	1	1	9	O	TRANSACTION DATE	26AUG2003
01MK	C	1	1	9	O	TIME	1146

Confirmation for Full Refund or Partial Refund:

Segment ID REFCNR

Nesting Level 0 - Mandatory/Optional Flag O Repeat Factor 1

Element ID	Data Type	Rept. fact	Min. Size	MAX. Size	Man. /Opt.	Description	Example
028E	C	1	1	10	M	PQR RECORD NUMBER	08
004Y	C	1	1	15	O	REFUND AUTHORIZATION NUMBER	REFUND TR RANSACTION PROCESSED
01XL	C	3	1	63	O	FREE TEXT	REFUND ACCOUNTING DATA CREATED IN ACTIVE PNR

Segment ID ORG001

Nesting Level 0 - Mandatory/Optional Flag O Repeat Factor 1

Element ID	Data Type	Rept. fact	Min. Size	MAX. Size	Man. /Opt.	Description	Example
02NU	C	1	2	2	O	CRS ID	1S
013S	C	1	1	8	O	IATA/CST CODE	05514434
010C	C	1	1	9	O	PSEUDO CITY CODE	A0D0
00WQ	C	1	3	5	O	AGENCY CITY (LOR)	LAX
02NT	C	1	1	4	O	DUTY CODE AND AGENT SINE	SBU
026Y	C	1	1	1	O	AGENT WORK AREA	A
023B	C	1	1	9	O	TRANSACTION DATE	26AUG2003
01MK	C	1	1	9	O	TIME	1146

MDR Versions:

Two MDR versions can be in the production system at any one time. Whatever version of the MDR is sent in the request, then the same version of the MDR will be returned in the response. For example if the user sent version 02 in the Exchange Request, then version 02 will be used to build the Exchange Response.

Process Flow:

The data exchange is on a per entry basis. Sabre will return one transfer of data containing all the information necessary for the User to process all activities requested by the single User message via the Sabre Data Source MDR. For example, an exchange comparison response would generate one transfer of data containing one functional response.

There are two parts to the QREX SDS Refund Message:

- (1) Refund Comparison Response – The data returned pertains to either the Full Refund or Partial Refund request. The segments in the response MDR are REFCMR, CMPDET, and ORG001. The segments returned in the MDR are the same whether the request is for a full or partial refund. The difference being that the CMPDET segment will repeat three times on a

AIRTKTQXREFRES Version 2 QREX REFUND RESPONSE

Partial Refund Response. The element defined as type will contain an indicator to describe the data within this segment: O-original; U-unused; R-refunded

(2) Refund Confirmation Response: The MDR segment used on this request is the REFCNR and ORG001.

If an error is encountered in either the comparison request or confirmation request, then the exchange response will contain the ERC001 and ORG001 segments. The ERC001 segment will contain an error code and text describing the error that occurred.

EXAMPLES:

Full Refund Response:

00100139AIRTKTQXREFRES†02%REFCMR†0†03††-1046.50%CMPDET†0†R†USD†-
966.51†††-79.99†-
1046.50%ORG001†0†1S†05514434†A0D0†LAX†SBU*†A†17SEP2003†1603%‰

Confirmation – Full Refund Response:

00100178AIRTKTQXREFRES†02%REFCNR†0†03†C0011OQTMKB3OZ†REFUND
TRANSACTION PROCESSED†REFUND ACCOUNTING DATA CREATED IN ACTIVE
PNR^%ORG001†0†1S†05514434†A0D0†LAX†SBU*†A†17SEP2003†1617%‰

Partial Refund Response:

00100220AIRTKTQXREFRES†02%REFCMR†0†08††-
2812.11%CMPDET†0†O†USD†2938.60†††248.90†3187.50%CMPDET†0†U†USD†335.25†††4
0.14†375.39%CMPDET†0†R†USD†-2603.35†††-208.76†-
2812.11%ORG001†0†1S†05514434†A0D0†LAX†SBU*†A†17SEP2003†1624%‰

Confirmation – Partial Refund Response:

00100164AIRTKTQXREFRES†02%REFCNR†0†08††REFUND TRANSACTION
PROCESSED†REFUND ACCOUNTING DATA CREATED IN ACTIVE
PNR^%ORG001†0†1S†05514434†A0D0†LAX†SBU*†A†17SEP2003†1628%‰

Error Response:

00100115AIRTKTQXREFRES†02%ERC001†0†999†UNABLE TO PROCESS
REFUND^%ORG001†0†1W†05514434†A0D0†LAX†SBU*†A†17SEP2003†1430%‰