

EDIFACT Format Description

Electronic accounting data for AirPlus
Company Account, Debit Account, Corporate Card and
Virtual Cards

Version 3.9

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Changes

From now on, **AirPlus Virtual Cards** is an autonomous product that is no longer settled via the AirPlus Company Account. Here the resulting modification to the content are outlined:

Page	Change	Description
7	Service types	AirPlus Virtual Cards service types added
13	Description of the LASG subset, header section, BGM -segment (message start)	Addition of Account Number for AirPlus Virtual Cards
21	Description of ticket information, IMD -segment, Level 2	If the document number of the merchant is not available, the AirPlus internal document number for the transaction is given
24	Table according to revenue type for DTM -segment	If the travel date is not available for AirPlus Virtual Cards transactions, the AirPlus posting date is indicated
31	Description of Detail Section for RFF -segment (Reference), Level 1	Addition of Account Number for AirPlus Virtual Cards

The following list contains already known changes from the previous format version:

Page	Change	Description
15	Extension SG1, RFF Segment	Two new RFF segments are transmitted: <ul style="list-style-type: none"> • RFF+ AHL contains the AirPlus' creditor ID • RFF+ AHM contains the mandate reference
27, 31	Partial services for flight services SG26, MOA -Segment SG29, RFF -Segment	<p>Attention: From now on flight services (LIN_C212_1131="500") can consist of partial services. Therefore SG 25 on level 2 (LIN_1222="1") can be repeated.</p> <p>The structure of a partial service for flights is based on the existing structure of partial services for service type DB, DO and CC.</p> <p>Four new MOA segments (SG 26) on level 2 are transmitted for flights:</p> <ul style="list-style-type: none"> • MOA+125 = Subject to VAT • MOA+204 = Not subject to VAT • MOA+210 = Debit and MOA+211 = Credit • MOA+150 = VAT amount <p>One new RFF segment (SG 29) on level 2 is transmitted for flights:</p>

		<ul style="list-style-type: none"> • RFF+RC = Service description <p>Please note that partial services for flights may have various VAT rates (SG33, TAX_C243_5278="999999999") on level 1 (LIN_1222="0"). In these cases, the tax rates can be found in level 2.</p>
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EDIFACT Introduction

With this EDIFACT format description we would like to present you our EDI offering according to § 14 section 3 of the value added tax law. Our subset is based on EDIFACT INVOIC, version 96.A.

This format guarantees the authenticity of the origin and the integrity of the data and therefore an additional (digital) signature is not necessary in electronic data exchange with AirPlus. Legal liabilities are documented in the framework contract or EDI form.

Message subset of Lufthansa AirPlus Servicekarten GmbH (LASG)

3.1 LASG subset definition

The LASG subset is an EDIFACT message subset INVOIC, Version 96.A/ This subset provides the invoice content of the business travel segment ideally and with the right quality.

3.2 Content of the data elements

The quality of the invoice data is strongly dependent on the quality of the data AirPlus receives from different sources. As the processing of EDIFACT messages generally achieves a much higher degree of automation, it is important to pay attention to the characteristics of the input data.

Please note that in the capture of information such as passenger name, routing, ticket number or airline only in the area of flight services "mandatory" fields are presented. Empty data elements are transmitted if the input data is not made available through the reservations system.

3.3 Service types

Various types of service types can be booked via the AirPlus Company Account, Virtual Cards or Corporate Card. The content of the data is accordingly diverse. For services that are purchased with corporate cards, an automatic service identification is only possible for flight services.

The data quality is different when the Company Account is used. Here we distinguish between seven service types:

- Flight services
- Deutsche Bahn services
- International rail services and services over Deutsche Bahn's online platform
- Travel agency services and transaction fees (TAF)
- Car rental company services
- Hotel services (overnights and MICE)
- Other services (e.g. business promotions, card fees)

AirPlus Virtual Cards are offered in the following categories:

- Flight services
- Rail services
- Car rental company services
- Hotel services (overnight stays)
- AirPlus fees
- Other services (e.g. business promotion, card fee)

3.4 Subset structure

The LASG subset is defined in a two-level hierarchy. The levels used have the following meaning:

Level 1: Invoice items. This contains information on the service recipient and details on the sales amounts.

Level 2: Description of the partial service performed (e.g. flight services).

The structure, then, looks as follows:

```

-----
Header
-----
LIN          Level 1: Invoice items
  PIA
  DTM
  •
  •
  •

LIN          Level 2: Description of the partial service
  PIA
  IMD
  •
  •
  •

-----
Trailer
-----

```

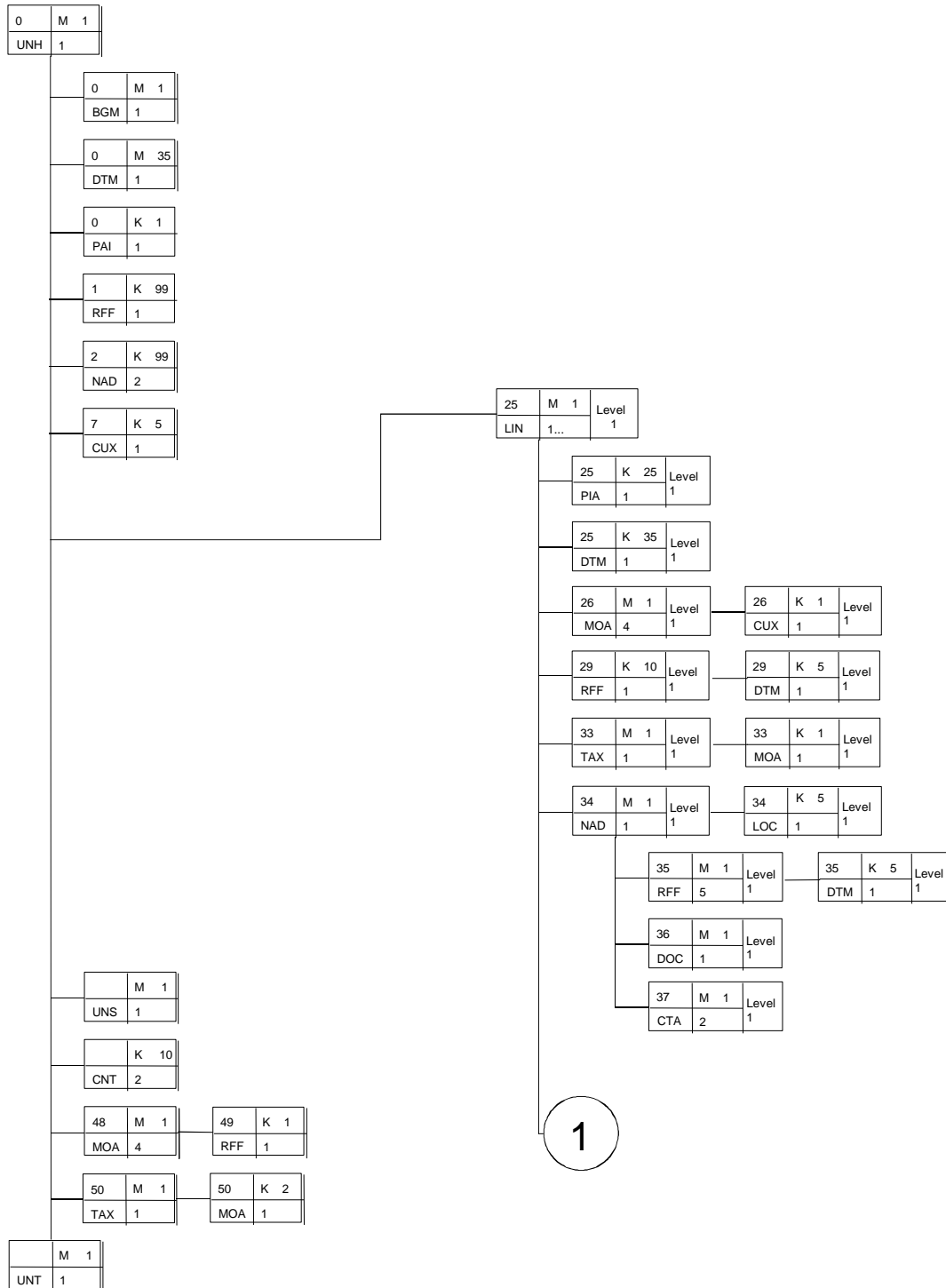
3.5 Descriptive billing information

Lufthansa AirPlus Servicekarten GmbH has provided the option to allow descriptive billing information already in the booking system for each booking with the Company Account. This may be personal ID, cost centers or project numbers.

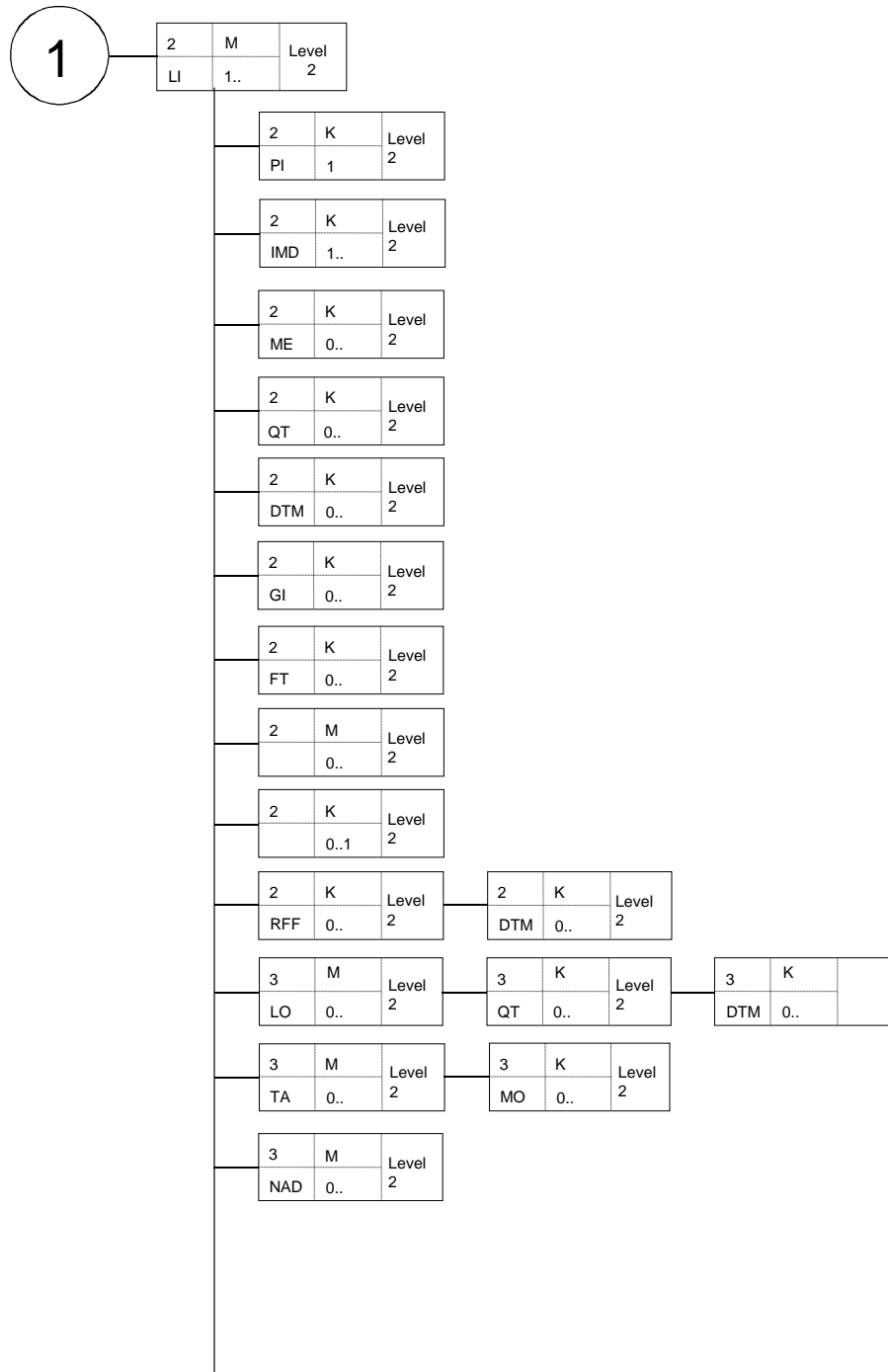
If certain descriptive billing information is not available, the following default values are set:

- Date fields are set to January 1, 1990
- all other fields have the value set to 0.

3.6 Message construction diagram of the subset (header, level 1 and trailer)



3.7 Message construction diagram of the subset (level 2)



4.1.2 UNB

The UNB segment is used as the service segment and can be read by numerous EDI programs to, for example, use a different routing or assignment of the incoming message.

UNB Useful data header **M1**
To create, identify and describe a transmission file

Element	Name	Status	UN format	AP format	Description	Values
S001	SYNTAX IDENTIFIER	M				
0001	Syntax identifier	M	a4	a4	Syntax reference	UNOD
0002	Syntax version number	M	n1	n1	Syntax version	4
S002	INTERCHANGE SENDER	M				
0004	Sender identification	M	an..35	an..35	Sender identification	mutual agreement
		C	an..4	an2		ZZ
0007	Partner identification code qualifier					
0008	Address for reverse routing	C	an..14			
S003	INTERCHANGE RECIPIENT	M				
0010	Recipient identification	M	an..35	an..35		mutual agreement
		C	an..4	an2		ZZ
0007	Partner identification code qualifier					
0014	Routing address	C	an..14			
S004	DATE/TIME OF PREPARATION	M				
0017	Date	M	n6	n8	Message creation date in YYYYMMDD format	Message creation date
0019	Time	M	n4	n4	Message creation time in HHMM format	Message creation time
0020	Interchange control reference	M	an..14	an..14	Data interchange reference	at the time of creation
	RECIPIENT'S REFERENCE	M				
S005	PASSWORD					
0022	Recipient's reference/password	M	an..14			
	Recipient's reference/password	C	n4			
0025	qualifier					
0026	Application reference	C	an..14	an10	Référence application	LASGINVOIC
0029	Processing priority code	C	a1			
0031	Acknowledgement request	C	n1			
	Communications agreement	C	an35	an..35		
0032	identification					
0035	Test indicator	C	n1	n1		Possibly 1

Example:

```
UNB+UNOD:4+Absender:ZZ+Empfänger:ZZ+20040901:1535+39++LASGINVOIC++++
1'
```

4.1.3 UNH

Segment group 0

UNH Message header **M1**
To create, identify and describe a transmission file

Element	Name	Status	UN format	AP format	Description	Values
0062	MESSAGE REFERENCE NUMBER	M	an1..14	an14	Reference number	continuous
S009	MESSAGE IDENTIFIER	M				
0065	Message type	M	an1..6	an6	Message type	INVOIC
0052	Message version number	M	an1..3	an14	Version number	D
0054	Message release number	M	an1..3	an3	Authorization number	96A
0051	Controlling agency, coded	M	an1..3	an2	Controlling organization	UN
0057	Association assigned code	C	an1..6			
0110	Code list directory version number	C	an1..6			
0113	Message type sub-function identification	C	an1..6			
0068	COMMON ACCESS REFERENCE	C	an1..35			
S010	STATUS OF THE TRANSFER	C				
0070	Sequence of transfers	M	n1..2			
0073	First and last transfer	C	a1..1			

Example:

UNH+213+INVOIC:D:96A:UN'

4.1.4 BGM

Segment group 0

BGM Message start **M1**
Message start display

Element	Name	Status	UN format	AP format	Description	Values
C002	DOCUMENT/MESSAGE NAME	C				
1001	Document/message name, coded	C	an1..3	n3	Qualification for the type of invoice	380 = Invoice 381 = Credit note
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
1000	Document/message name	C	an1..35			
1004	DOCUMENT/MESSAGE NUMBER	C	an1..35	an..19	Statement/contract level	mutual agreement
1225	MESSAGE FUNCTION, CODED	C	an1..3			
4343	RESPONSE TYPE, CODED	C	an1..3			

The data element C002_1001 states whether this message refers to an invoice or a credit. For AirPlus Virtual Cards, the 12-digit Account Number is supplied in data element 1004.

Example:

BGM+381+12200020000000'

4.1.5 DTM

Segment group 0

DTM Date/time indications **M35**
 Invoice date indications

Element	Name	Status	UN format	AP format	Values
C507	DATE/TIME/PERIOD	M			
2005	Date/time/period qualifier	M	an1..3	n1..3	3 = Invoice date 170 = Date due
2380	Date/time/period	C	an1..35	n8	
2379	Date/time/period format qualifier	C	an1..3	n3	102 = YYYYMMDD

Statement date and due date of the invoice. Receivables are only collected as of the due date.

Example:

DTM+3:20110601:102 '
 DTM+170:20110615:102 '

4.1.6 PAI

Segment group 0

PAI Payment agreement **C1**
 Payment means indications

Element	Name	Status	UN format	AP format	Description	Values
C534	PAYMENT INSTRUCTION DETAILS	M				
4439	Payment conditions, coded	C	an1..3			
4431	Payment guarantee, coded	C	an1..3			
4461	Payment means, coded	C	an1..3	n2	Indicates whether AirPlus withdraws the invoiced amount, or whether the customer transfers the amount.	30 = AirPlus withdrawal 31 = Customer transfer
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
4435	Payment channel, coded	C	an1..3			

This segment indicates whether the amount is entered by a debit entry or whether a customer transferred the amount.

Example:

PAI+ : : 30 '

4.1.7 RFF

Element	Name	Status	UN format	AP format	Values
C506	REFERENCE	M			
1153	Reference qualifier	M	an1..3	an2	IV = Invoice number AV = Invoice receipt UID AHL = creditor ID AHM = mandate reference
1154	Reference number	C	an1..35	an..35	Invoice number Invoice receipt UID Creditor ID Mandate reference
1156	Line number	C	an1..6	an..3	Invoice tracking number
4000	Reference version number	C	an1..35	n..3	Correction number

The invoice number together with the statement date (DTM, SG0) are unique.

Data element 1156 provides the invoice sequence number of this statement.

If statement items need to be split between separate sub invoices according to various criteria, the invoice sequence number of each sub statement is increased by one.

Example: An invoice sequence number can be requested per cost center. All transactions with the cost center "0815" will be consolidated into a single invoice with the Sequence Number 1; all transactions with the cost center "0816" are included in the subinvoice with Sequence Number 2.

Data element 4000 provides the correction number. Upon each adjustment of a statement, it is increased by 1. An adjustment can arise if detailed billing information is changed. The new statement automatically replaces all other previous statements. The invoice number and the statement data remain.

A second RFF segment with the qualifier VA is provided to transmit the TVA identification number of the invoice recipient.

A third RFF segment with the qualifier AHL is provided to transmit the creditor ID for SEPA. AirPlus as the payment recipient requires a creditor identification number in order to use direct debits on the basis of the SEPA debit advice procedure. This is a unique identifier that is independent of the Account, is valid across the EU and additionally identifies AirPlus as the party submitting the debit advice. The creditor identification number for AirPlus is as follows: DE83ZZZ00000309554.

A fourth RFF segment with the qualifier AHM is provided to transmit the mandate for SEPA. The mandate reference is the identifier for a client and is individually assigned by AirPlus as the payment recipient, so the client can be clearly identified in connection with the creditor

identification number. Your mandate reference may consist of up to 20 alpha-numeric digits, and is selected so that it only appears once in combination with the creditor ID. The mandate references assigned by AirPlus begin with "AIRPLUS", followed by up to 13 numeric digits.

Example:

```
RFF+IV:1234567890:01:0 '
RFF+VA:DE0987654321 '
RFF+AHL:DE83ZZZ00000309554 '
RFF+AHM:AIRPLUS0123456789012 '
```

4.1.8 NAD

Segment number 2 **C99**
NAD Name and address **M1**
Indication of a partner's name, address, and function

Element	Name	Status	UN format	AP format	Description	Values
3035	PARTY QUALIFIER	M	an1..3	an2	Qualification of the invoice recipient and issuer	II = Invoice issuer IV = Invoice recipient
C082	PARTY IDENTIFICATION DETAILS	C				
3039	Party id. identification	M	an1..35	an..17	II = Supplier number IV = EDI partner number	EDI partner number
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
C058	NAME AND ADDRESS	C				
3124	Name and address line	M	an1..35			
3124	Name and address line	C	an1..35			
3124	Name and address line	C	an1..35			
3124	Name and address line	C	an1..35			
3124	Name and address line	C	an1..35			
C080	PARTY NAME	C				
3036	Party name	M	an1..35	an..30	Invoice recipient Address 1	
3036	Party name	C	an1..35	an..30	Invoice recipient Address 2	
3036	Party name	C	an1..35	an..30	Invoice recipient Address 3	
3036	Party name	C	an1..35	an..30	Invoice recipient Address 4	
3036	Party name	C	an1..35			
3045	Party name format, coded	C	an1..3			
C059	STREET	C				
3042	Street and number/p.o. box	M	an1..35			
3042	Street and number/p.o. box	C	an1..35			
3042	Street and number/p.o. box	C	an1..35			
3042	Street and number/p.o. box	C	an1..35			
3164	CITY NAME	C	an1..35	an..30	Invoice recipient's city	
3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an1..9			
3251	POSTCODE IDENTIFICATION	C	an1..9	an..9	Invoice recipient's postcode	
3207	COUNTRY, CODED	C	an1..3			

This segment group occurs with two values. One comprises the EDI partner number and the address of the invoice recipient, and the other is that of the invoice issuer.

Example:

```
NAD+IV+EDI-Partnernummer++COMPANY-NAME:Bond-Straße
68++Berlin++30110 '
NAD+II+Lieferantennummer '
```


4.1.9 CUX

Segment group 7 C5
CUX Currency indications **M1**
 Indications regarding the billing currency used for the business

Element	Name	Status	UN format	AP format	Values
C504	CURRENCY DETAILS	C			
6347	Currency details qualifier	M	an1..3	n1	1 = Billing currency
6345	Currency, coded	C	an1..3	n3	Billing currency
6343	Currency qualifier	C	an1..3		
6348	Currency rate base	C	n1..4		
C504	CURRENCY DETAILS	C			
6347	Currency details qualifier	M	an1..3	n1	
6345	Currency, coded	C	an1..3	n3	
6343	Currency qualifier	C	an1..3		
6348	Currency rate base	C	n1..4		
5402	RATE OF EXCHANGE	C	n1..12	n..12	
6341	CURRENCY MARKET EXCHANGE, CODED	C	an1..3		

The display of the statement currency is numeric and reflects the currency code ISO-4217.
 Possible values are e.g.:

'978' EURO (EUR)
 '756' Swiss franc (CHF)
 '840' US Dollar (USD)

Example:
 CUX+1:978'

4.2 Detail section

Levels are introduced in the detail section. A main level (Level 1) and a sublevel (Level 2). Level 1 provides details on the items as well as the respective amounts.

The differentiation of the items is achieved through data element 1082.

Level 2 is numbered again within the first level with running numbers in data element C829_1082

In addition to the hierarchy levels, the service type is provided in data element C212_1131. Below the detail section of the LASG subset is described by providing the segments and levels used.

4.2.1 LIN

Element	Name	Status	UN format	AP format	Level 1	Level 2
1082	LINE ITEM NUMBER	C	n1..6	n..6	Position sequence number	Position order number
1229	ACTION REQUEST/NOTIFICATION, CODED	C	an1..3			
C212	ITEM NUMBER IDENTIFICATION	C				
7140	Item number	C	an1..35	an..13	Reference number	
7143	Item number type, coded	C	an1..3	an2	PO = order number	
1131	Code list qualifier	C	an1..3	n3	Always "300"	5xx
3055	Code list responsible agency, coded	C	an1..3			
C829	SUB-LINE INFORMATION	C				
5495	Sub-line indicator, coded	C	an1..3	n1	Always "0" (Null)	Always "1"
1082	Line item number	C	n1..6	n..6	Always "0" (Null)	Sequence number
1222	CONFIGURATION LEVEL	C	n1..2	n1	Always "0" (Null)	Always "1"
7083	CONFIGURATION, CODED	C	an1..3			

Use of this segment:

Level 1	Running numbering of the items in data element 1082. In data element 7140, an LASG internal reference number for this transaction is provided (please quote on any requests). The service type is described in data element C212_1131 and has the following values: 300 Item record
Level 2	Running numbering of the subitems in data element C829_1082. The service type is described in data element C212_1131 and has the following values: 500 Flight record 510 Train record 511 International rail services and services over Deutsche Bahn's online platform 520 Travel agency and TAF record 530 Car rental company record 540 Hotel record 590 Other revenue record

Examples:

Level	Example	Description
1	LIN+7++2200123456789:PO:300+0:0+0'	Start the 7th item
2	LIN+7++::500+1:0+1'	Item 7 is a flight and consist of only one partial service
1	LIN+8++S000123456789:PO:300+0:0+0'	Start the 8th item
2	LIN+8++::520+1:0+1'	1. Item 8 partial service
2	LIN+8++::520+1:1+1'	2. Item 8 partial service

4.2.2 PIA

Segment group 25 C ∞
 PIA Additional product information C25
 Indications rfearding the merchandise code

Element	Name	Status	UN format	AP format	Level 1	Level 2
4347	PRODUCT ID. FUNCTION QUALIFIER	M	an1..3	n1	Always "1" = Additional data	Always "1" = Additional data
C212	ITEM NUMBER IDENTIFICATION	M				
7140	Item number	C	an1..35	an..15	Billing type	"ETX" = elect. ticket CC service code "PD" = Description
7143	Item number type, coded	C	an1..3	an2	"MP" = Identifikation	"VX" = Service code
1131	Code list qualifier	C	an1..3		"D" = Domestic	
3055	Code list responsible agency, coded	C	an1..3			
C212	ITEM NUMBER IDENTIFICATION	C				
7140	Item number	C	an1..35	an..20		
7143	Item number type, coded	C	an1..3	an2		
1131	Code list qualifier	C	an1..3			

Use of this segment:

Level 1	Detail on type or source of revenues.
	<p>Possible values are:</p> <ul style="list-style-type: none"> 'AP' LASG-generated service (e.g. card fees, lounges) 'AV' Car rental company 'CC' Travel agency service or TAF 'DB' Deutsche Bahn AG or other rail companies 'DO' Deutsche Bahn Online 'FL' Flight 'HT' Hotel 'SO' Other revenue <p>The domestic identifier is set to D, if the service is exclusively provided in the country of the service recipient. For cross-border or international services, the field is left empty. The field must be customized for specific customers.</p>

	<p>Sample flight: a Frankfurt-Hannover flight receives a D; a Frankfurt-Rome flight receives a blank.</p> <p>Sample rail: a Mainz - Cologne ticket receives a D; a Cologne - Brussels ticket receives a blank.</p> <p>Sample travel agency: Frankfurt - Hannover flight + TAF receives a D; Frankfurt - New York flight + TAF receives a blank.</p>
Level 2	<p>Detail on type of ticket.</p> <p>For electronic tickets, ETX is entered into data element 7140 of the first data element group C212 and in C212_7143 qualified with PD.</p> <p>For travel agency revenues, the Amadeus service code is entered in C212_7140 and qualified by VX in C212_7143.</p> <p>If this is a flight TAF, the booking class of the flight is repeated in data element C212_7140.</p>

Examples:

Level	Example	Description
1	PIA+1+FL:MP:D'	Domestic flight
1	PIA+1+FL:MP'	No domestic flight
2	PIA+1+ETX:PD'	Electronic ticket
2	PIA+1+1234:VX'	Amadeus service code
2	PIA+1++A:VX'	TAF for a flight

4.2.3 IMD

Segment group 25
IMD Position description C ∞
Indications to supplement the position data C10

Element	Name	Status	UN format	AP format	Level 1	Level 2
7077	ITEM DESCRIPTION TYPE, CODED	C	an1..3			"E" = Service desc.
7081	ITEM CHARACTERISTIC, CODED	C	an1..3			
C273	ITEM DESCRIPTION	C				
7009	Item description identification	C	an1..17			Billing type
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
7008	Item description	C	an1..35			Ticket nr. Online communication system nr. Service desc. CC doc. Nr. launch Rental contract nr. Hotel booking nr. Flight reservation class Train class
7008	Item description	C	an1..35			
3453	Language, coded	C	an1..3			
7383	SURFACE/LAYER INDICATOR, CODED	C	an1..3			

Use of this segment:

Level 1	Not used.
Level 2	<p>Ticket information</p> <p>The segment may occur up to three times.</p> <p>In the data element C273_7008 [1] the ticket number, for car rental the rental contract number and for hotel services the hotel reservation number is entered. If this is not available, the AirPlus document number is entered.</p> <p>In data element C273_7009 the type of revenue (see PIA segment Level 1) is repeated. If available, the trip class is provided in data element C273_7008 [2].</p> <p>With Bahn-Online transactions, field 7008 [1] contains a brief description of the service qualified with E in field 7077 and DO in field 7009.</p> <p>Transaction fees and commission passbacks are identified as a service type in field C273_7009.</p> <p>If there is a transaction fee or a commission passback for revenue types FL, CC or DB, this can be seen in data element 7009.</p>

The following table again shows the content of the individual data elements per revenue type in Level 2.

Revenue type	7077	C273_7009	C273_7008[1]	C273_7008[2]
FL		"FL" "TF" for transaction fee "CP" for commission passback	Ticket number, otherwise AirPlus document number	Booking class of the first flight segment
DB		"DB" "TF" for transaction fee "CP" for commission passback	"DB" + document number, otherwise AirPlus document number	
DO	"E"	"DO"	"DO" + contract number	Class
CC		"CC" "TF" for transaction fee "CP" for commission passback	"CC" + document number	
AV		"AV"	Rental contract number, otherwise AirPlus document number	
HT		"HT"	Reservation number	
SO				

The segment is not used for revenues of the SO service type.

Examples:

Level	Example	Description
2	IMD+++FL:::2200123456789:X'	Flight with ticket number 2200123456789 and booking class X
2	IMD+E++DO:::Sitz-Reservierung'	International rail or Bahn Online service with a brief description of the service
2	IMD+++DO:::DOAN-ABCDEF:1'	International rail or Bahn Online service with contract number DOAN-ABCDEF and trip class 1
2	IMD+++DB:::DB2206933359078'	Deutsche Bahn service with ticket number DB2206933359078
2	IMD+++TF:::CC2206933359078'	Transaction Fee

4.2.4 QTY

Segment group 25
QTY Quantity indications C ∞
Quantity contained in the position C5

Element	Name	Status	UN format	AP format	Level 1	Level 2
C186	QUANTITY DETAILS	M				
6063	Quantity qualifier	M	an1..3	n..3		"108" = days billed "49" = km billed "128" = particip. Nr. "2" = number of particip.
6060	Quantity	M	n1..15	n..15		Days billed Km billed Number of participants
6411	Measure unit qualifier	C	an1..3	an..3		"DAY" "KTM" "IE"

Use of this segment:

Level 1	Not used.
Level 2	Quantity information. The occurrence as well as the number depend on the type of revenue. Example: QTY+108:10:DAY'

The following table again shows the content of the individual data elements per revenue type in Level 2.

Revenue type	C186_6063	C186_6060	C186_6411
FL			
DB			
DO			
CC			
AV	„108“ „49“	Number of calculated rental days Number of kilometers driven	"DAY" "KTM"
HT	„128“ „2“	Number of overnight stays Number of participants	"DAY" "IE"
SO			

This segment is not used for revenue types FL, DB, DO, CC and SO.

4.2.5 DTM

Segment group 25
DTM Date / time indication
Indications regarding the customer's specific delivery dates and data

C ∞
C35

Element	Name	Status	UN format	AP format	Level 1	Level 2
C507_2005	DATE/TIME/PERIOD Date/time/period qualifier	M M	an1..3	n..3	"9" = Processing date	"136" = Departure date, reservation date "178" = Arrival date (actual) "189" = Departure date (actual)
2380	Date/time/period	C	an1..35	n8	Processing date	Departure date Actual departure date Actual arrival date Reservation date
2379	Date/time/period format qualifier	C	an1..3	n3	"102" = YYYYMMDD	"102" = YYYYMMDD

Use of this segment:

Level 1	Processing date Example: DTM+9:20110520:102'
Level 2	Arrival and departure date This segment occurs up to two times. The distinction is made by data element C507_2005. Its occurrence is dependant on the type of revenues. Example: DTM+136:20110701:102'

The following table again shows the content of the individual data elements per revenue type in Level 2.

Revenue type	C507_2005	C507_2380	C507_2379
FL	„136“	booked departure date, otherwise posting date	“102“
DB	„136“	Travel date, otherwise posting date	“102“
DO	„136“	Travel date	“102“
CC	„136“	Travel date	“102“
AV			
HT	„178“ „189“ „136“	Arrival date Departure date Hotel booking date, otherwise posting date	“102“ “102“ “102“
SO			

The segment is not used for revenues of the AV and SO service types.



4.2.6 GIN

Segment group 25 C ∞
 GIN Merchandise identification C1000
 Indication of specific identification numbers

Element	Name	Status	UN format	AP format	Level 1	Level 2
7405	IDENTITY NUMBER QUALIFIER	M	an1..3			"BL" = vehicle
C208	IDENTITY NUMBER RANGE	M				
7402	Identity number	M	an1..35	an1		Vehicle class
7402	Identity number	C	an1..35	an..30		Vehicle make/type
C208	IDENTITY NUMBER RANGE	C				
7402	Identity number	M	an1..35	an..15		Vehicle license number
7402	Identity number	C	an1..35			
C208	IDENTITY NUMBER RANGE	C				
7402	Identity number	M	an1..35			
7402	Identity number	C	an1..35			
C208	IDENTITY NUMBER RANGE	C				
7402	Identity number	M	an1..35			
7402	Identity number	C	an1..35			
C208	IDENTITY NUMBER RANGE	C				
7402	Identity number	M	an1..35			
7402	Identity number	C	an1..35			
C208	IDENTITY NUMBER RANGE	C				
7402	Identity number	M	an1..35			
7402	Identity number	C	an1..35			

Use of this segment:

Level 1	Not used.
Level 2	<p>Details on the car to be rented.</p> <p>This segment is only generated for the Car Rental Company (AV) service type.</p> <p>Example: GIN+BL+C:Compact+M - AB 88'</p>

4.2.7 FTX

Segment group 25

FTX Free text

C ∞

C1000

Indication of position data that cannot be classified under a title

Element	Name	Status	UN format	AP format	1	Level 2
4451	TEXT SUBJECT QUALIFIER	M	an1..3	an3		"OSI"
4453	TEXT FUNCTION, CODED	C	an1..3			
C107	TEXT REFERENCE	C				
4441	Free text, coded	M	an1..3			
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
C108	TEXT LITERAL	C				
4440	Free text	M	an1..70	an..45		Service line 1
4440	Free text	C	an1..70	an..45		Service line 2
4440	Free text	C	an1..70	an..45		Service line 3
4440	Free text	C	an1..70			
4440	Free text	C	an1..70			
3453	LANGUAGE, CODED	C	an1..3			

Use of this segment:

Level 1	Not used.
Level 2	<p>Source is Miscellaneous Record.</p> <p>Here are explicit descriptions of revenues that cannot be assigned to any other service type. The FTX segment occurs only with a LIN segment and up to two other RFF segments.</p> <p>Example:</p> <pre>FTX+OSI+++Leistungszeile 1:Leistungszeile 2:Leistungszeile 3'</pre>

4.2.8 MOA

Segment group 26 C5
MOA Amount indications M1
Indication of the various amounts

Element	Name	Status	UN format	AP format	Level 1	Level 2
C516	MONETARY AMOUNT	M				
5025	Monetary amount type qualifier	M	an1..3	an..3	"146" = Net amount in VW * "14" = Billed amount in AW * "67" = Insurance amount in AW "203" = Position amount in AW	"161" = Tax "125" = Subject to VAT "204" = Not subject to VAT "150" = VAT amount "210" = Debit position "211" = Credit position
5004	Monetary amount	C	n1..18	n..15	Net amount in VW Billed amount in AW Insurance amount in AW Position amount in AW	Tax in VW Share subject to VAT in VW Share not subject to VAT in VW VAT amount in VW
6345	Currency, coded	C	an1..3	n3	Sale currency Billing currency	Sale currency
6343	Currency qualifier	C	an1..3			
4405	Status, coded	C	an1..3			

* VW = Sales currency, AW = Statement currency

Use of this segment:

Level 1	<p>Amount details.</p> <p>This segment occurs a total of four times. The distinction is made between the different amounts with data element C516_5025. The item amount in statement currency is the some from the billing amount in statement currency and insurance amount in statement currency.</p>
Level 2	<p>Amount details.</p> <p>This segment occurs a total of five times. The occurrence depends on the type of revenue or the source of the item.</p> <p>In data element C516_5025 , "210" is written, if the partial serves for the invoice recipient presents a balance due and "211" if the partial services for the invoice recipient present a credit.</p> <p>Note:</p> <p>The invoice recipients booking system must at least be able to recognize and process the currencies, which through local transactions may be generated in these currencies.</p>

The following table again shows the content of the individual data elements per revenue type in Level 2.

Revenue type	C516_5025	C516_5004	C516_6345
FL	„161“	Sum of the fees (airport fees, security fees, other fees, tax, etc.) in sales currency	Numeric ISO currency code for the sales currency
FL	„125“	Amount subject to VAT in sales currency	Numeric ISO currency code for the sales currency
DB			
DO	„204“	Amount not subject to VAT in sales currency	Numeric ISO currency code for the sales currency
CC			
HT	„210“	not filled	not filled
	„211“	not filled	not filled
	„150“	Value-added tax amount of the individual service in sales currency	Numeric ISO currency code for the sales currency
AV			
SO			

The segment is not used for revenues of the AV and SO service types.

Examples:

Level	Example	Description
1	MOA+146:100:978'	Net sales amount of EUE 100.00
1	MOA+14:100:978'	Gross statement amount of EUR 100.00 without insurance
1	MOA+67:6.25:978'	Insurance amount of EUR 6.25
1	MOA+203:106.25:978'	Total item amount of EUR 106.25, including insurance
2	MOA+161:0:978'	EUR 0.00 fees for a flight
2	MOA+125:3.47:978'	Net amount of a TAF subject to VAT
2	MOA+204:0:978'	Net amount of a TAF not subject to VAT
2	MOA+150:0.66:978'	VAT amount
2	MOA+210'	This partial service is a balance due share
2	MOA+211'	This partial service is a credit share

4.2.9 CUX

Segment group 26 **C5**
CUX Currency indications **C1**
 Indication regarding the exchange rate applicable to the position

Element	Name	Status	UN format	AP format	Position 1	Position 2
C504	CURRENCY DETAILS	C				
6347	Currency details qualifier	M	an1..3			
6345	Currency, coded	C	an1..3			
6343	Currency qualifier	C	an1..3			
6348	Currency rate base	C	n1..4			
C504	CURRENCY DETAILS	C				
6347	Currency details qualifier	M	an1..3			
6345	Currency, coded	C	an1..3			
6343	Currency qualifier	C	an1..3			
6348	Currency rate base	C	n1..4			
5402	RATE OF EXCHANGE	C	n1..12	n..9	Exchange rate	
6341	CURRENCY MARKET EXCHANGE, CODED	C	an1..3			

Use of this segment:

Level 1	Detail of exchange rate between the sales currency and statement currency. Example: CUX+++1'
Level 2	Not used.

4.2.10 PRI

Segment group 28 **C25**
PRI Price details **M1**
 Indication of price details

Element	Name	Status	UN format	AP format	Level 1	Level 2
C509	PRICE INFORMATION	C				
5125	Price qualifier	M	an1..3	an..3		Qualifier
5118	Price	C	n1..15	n..15		Price
5375	Price type, coded	C	an1..3	an..3		
5387	Price type qualifier	C	an1..3	an..3		
5284	Unit price basis	C	n1..9	n..9		Advance
6411	Measure unit qualifier	C	an1..3	an..3		
5213	SUB-LINE PRICE CHANGE, CODED	C	an1..3	an..3		

Use of this segment:

Level 1	Not used.
Level 2	The occurrence of the segment is dependent on the service type. The segment occurs in the Car Rental Company (AV) service type a total of eleven times.

The following table again shows the content of the individual data elements per revenue type in Level 2.

Revenue type	C509_5125	C509_5118	C509_5284
FL			
DB			
DO			
CC			
AV	AAA ABD AAS AAT AI TEL INS CDW PDW PKT CU	Net rental price Deposit Costs for vehicle delivery / pickup Costs for vehicle return Costs for refueling Costs for car phone Costs for liability insurance Costs for comprehensive collision coverage Costs for passenger insurance Costs for insurance package Deductible in case of claim	Not filled Not filled Not filled Not filled Number of liters Number of units Not filled Not filled Not filled Not filled Not filled
HT			
SO			

Examples:

Level	Example	Description
2	PRI+AAA:127.76'	Net rental price
2	PRI+AI:0:::0'	Costs for refueling
2	PRI+TEL:0:::0'	Costs for car phone

4.2.11 RFF

1153	Reference qualifier	M	an1..3	an..3	"CT" = card number "PQ" = A.I.D.A number "IO" = Initial invoice ref. "VA" = Service provider's UID "ACE" = Additional document nr.	"AF" = airline "AGE" = agency nr. "ACD" = additional nr. "AGT" = service provider "RC" = routing "DM" = document nr. "VN" = order nr. "AIM" = reference "ACE" = additional document nr.
1154	Reference number	C	an1..35		Card number Virtual cards number Initial invoice ref. Service provider's UID Additional document nr.	Airline Agency number Additional number Service provider Routing Document number Order number Reference Additional document number
1156	Line number	C	an1..6		Sequence number referring to the initial invoice	"1" or "2"
4000	Reference version number	C	an1..35		Extension referring to the initial invoice	

Segmentgruppe 29 C10
DTM Datum / Zeitangaben C5
Angaben zu kundenspezifischen Datumsangaben und Lieferdaten

Element	Name	Status	Format UN	Format AP	Ebene 1	Ebene 2
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Use of this segment:

Level 1	<p>This data element may occur up to five times.</p> <p>The card number that generated the revenue is carried over in data element 1154 and qualified with the value CT in data element 1153. For AirPlus Virtual Cards, the Account Number is transmitted in data element 1154 and qualified by the value "CT" in data element 1153.</p> <p>The AirPlus Virtual Card number is provided in data element 1154 and qualified with the value PQ in data element 1153.</p> <p>With credits, it is noted for each position on which original invoice the charge was. The reference number is structured the same as the invoice number from the RFF segment in SG 0. The reference to the original invoice is qualified with the value IO in data element 1153.</p> <p>The service provider's value-added tax identification number is transmitted in data element 1154 and qualified with the value VA in data element 1153.</p> <p>An additional document number from the travel agency, via which data synchronization is possible is transmitted in data element 1154 and qualified with the value ACE in data element 1153.</p>
Level 2	<p>The segment occurs up to five times.</p> <p>The occurrence is dependent on the type of the revenue or origin of the item.</p>

The following table again shows the content of the individual data elements per revenue type in Level 2.

Revenue type	C506_1153	C506_1154	C506_1156
FL	"AF"	2-place IATA code of the airline	not filled
	"AGE"	IATA agency number	not filled
	"RC"	Service description	not filled
DB	"AGT"	"DB" or rail code (service provider)	
	"ACD"	Rail document number	not filled
	"RC"	Service description	not filled
DO	"AGT"	"DO" or rail code (service provider)	not filled
	"ACD"	Bahn Online document number	not filled
CC	"AGT"	"CC" or 2-place IATA code of the airline for flight TAF	not filled
	"ACD"	Document number of ticket number for flight TAF	not filled
	"RC"	Service description	not filled
AV	"AGT"	Car rental company code, e.g. AV for Avis EU for EuropCar HE for Hertz SI for Sixt or XX for other car rental companies	not filled
HT	"AGT"	"HT"	not filled
	"ACD"	Hotel document number	not filled
	"DM"	CRS reservation number	not filled
	"RC"	Group of goods text 1	not filled
	"AIM"	Group of goods text 2	not filled
SO	"AGT"	First and second part of the service description	"1" or "2"

Examples:

Level	Example	Description
1	RFF+CT:12200020000000 '	The sale is made with card 12200020000000
1	RFF+PQ:5341009999999999 '	The serve was paid with number 5341009999999999
1	RFF+IO:0311111111:0:0 '	The charge was on the original invoice 0311111111-0-0
1	RFF+VA:DE1234567890 '	Service provider's UID
1	RFF+ACE:LH0123456789 '	Additional service provider document number
2	RFF+AF:LH '	The flight was performed by Deutsche Lufthansa
2	RFF+AGT:AV '	The vehicle was rented from AVIS

4.2.12 DTM

Groupe de segment 29 **C10**
DTM Date/time indications **C5**
 Indication of the customer's specific delivery dates and data

Element	Name	Status	UN format	AP format	Level 1	Level 2
C507	DATE/TIME/PERIOD	M				
2005	Date/time/period qualifier	M	an1..3	n..3	"356" = Date of the sale	"137" = Document date
2380	Date/time/period	C	an1..35	n8	Date of the sale	Document date
2379	Date/time/period format qualifier	C	an1..3	n3	"102" = YYYYMMDD	"102" = YYYYMMDD

Use of this segment:

Level 1	Sales date. The segment occurs exactly once. Example: DTM+356:20110501:102 '
Level 2	Document date. The segment occurs up to one time and will only occur if the CRS reservation number (RFF+DM) appears in the RFF segment. Example: DTM+137:20110501:102 '

4.2.13 LOC

Segment group 32
LOC Location indications
Indications regarding the delivery locations

C9999
M1

Element	Name	Status	UN format	AP format	Level 1	Level 2
3227	PLACE/LOCATION QUALIFIER	M	an1..3	n..3		"5" = Departure location "8" = Arrival location "7" = Destination "92" = Routing "162" = Agency
C517 3225	LOCATION IDENTIFICATION Place/location identification	C	an1..25	an..25		Departure location Arrival location Destination Routing Agency
1131	Code list qualifier	C	an1..3			"145" = Air "144" = Rail
3055 3224	Code list responsible agency, coded Place/location	C	an1..3	an1..70		Groups of goods

Use of this segment:

Level 1	Not used.
Level 2	Location details. The segment occurs up to two times. The occurrence is dependent on the type of the revenue or origin of the item.

The following table again shows the content of the individual data elements per revenue type in Level 2.

Revenue type	3227	C517_3225	C517_1131	C517_3224
FL	„5“ „8“	Travel route Travel route (continuation)	„145“ „145“	not filled not filled
DB	„92“ „162“	Service information (routing) START agency number	„36“ „58“	not filled START operation site
DO	„5“ „8“	not filled not filled	„144“ „144“	Travel route (start) Travel route (end) or "no info"
CC	„92“ „162“	Service information (routing) START agency number	„36“ „58“	not filled START operation site
AV	„5“ „7“	Pick up location Return location	not filled not filled	not filled not filled
HT				
SO				

The segment is not used for revenues of the HT and SO revenue types.

Examples:

Level	Example	Description
2	LOC+5+FRA LHR FRA:145'	Max. 20 characters of the flight routing
2	LOC+8+:145'	Flight routing continuation
2	LOC+5+:144::München Hbf'	Starting train station
2	LOC+8+:144::Frankfurt (Main)'	Destination train station

4.2.14 QTY

Segment group 32 C ∞
 QTY Quantity indications C5
 Indications regarding the quantities contained in the position

Element	Name	Status	UN format	AP format	Level 1	Level 2
C186	QUANTITY DETAILS	M				
6063	Quantity qualifier	M	an1..3	n..3		"68" = Start Km "69" = End Km "114" = Number of passengers
6060	Quantity	M	n1..15	n..15		km upon collection km upon restitution
6411	Measure unit qualifier	C	an1..3	an..3		"KTM" = Kilometers "IE" = Persons "ZZ" = Children

Use of this segment:

Level 1	Not used.
Level 2	Kilometer details. The segment occurs twice, but only when dealing with the service of a car rental company (AV). The number of people for Bahn Online trips is indicated with 114 in field 6063 and adults (IE) and children (ZZ) are distinguished in field 6411.

Examples:

Level	Example	Description
2	QTY+114:1:IE'	Train trip with 1 adult and
2	QTY+114:0:ZZ'	0 children
2	QTY+68:0:KTM'	Kilometer reading upon pick up
2	QTY+69:0:KTM'	Kilometer reading upon return

4.2.15 DTM

Segment group 32 C10
DTM Date and time indications C5
Indications regarding the customer's specific delivery dates and data

Element	Name	Status	UN format	AP format	Level 1	Level 2
C507	DATE/TIME/PERIOD	M				
2005	Date/time/period qualifier	M	an1..3			"200" = Date "201" = Collection time "173" = Restitution date "206" = Restitution time
2380	Date/time/period	C	an1..35			Collection date at AV Collection time at AV Restitution date at AV Restitution time at AV
2379	Date/time/period format qualifier	C	an1..3			"102" = YYYYMMDD "401" = HHMM

Use of this segment:

Level 1	Not used.
Level 2	Time and date details. This segment occurs up to four times, but only it relates to the service type of car rental company services (AV).

Examples:

Level	Example	Description
2	DTM+200:20040813:102'	Rental car pickup date

4.2.16 TAX

Segment group 33 C99
TAX Duty/customs/tax indications M1
 Indication regarding the taxation types and rates

Element	Name	Status	UN format	AP format	Level 1	Level 2
5283	DUTY/TAX/FEE FUNCTION QUALIFIER	M	an1..3		"1" = Individual	"1" = Individual "9" = Information
C241	DUTY/TAX/FEE TYPE	C				
5153	Duty/tax/fee type, coded	C	an1..3		"VAT" = Value Added Tax	"LOC" = subject to VAT "FRE" = not subject to VAT "ABM" = deductions with VAT "ABO" = deductions without VAT
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
5152	Duty/tax/fee type	C	an1..35			
C533	DUTY/TAX/FEE ACCOUNT DETAIL	C				
5289	Duty/tax/fee account identification	M	an1..6			not completed amount subject to VAT amount not subject to VAT deductions with VAT deductions without VAT
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
5286	DUTY/TAX/FEE ASSESSMENT BASIS	C	an1..15			Net price of services incl. VAT
C243	DUTY/TAX/FEE DETAIL	C				
5279	Duty/tax/fee rate identification	C	an1..7			
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
5278	Duty/tax/fee rate	C	an1..17		Taux de TVA	VAT rate or empty
5273	Duty/tax/fee rate basis identification	C	an1..12			
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
5305	DUTY/TAX/FEE CATEGORY, CODED	C	an1..3			"B" = Reverse charge "Z" = 0% mandatory filing
3446	PARTY TAX IDENTIFICATION NUMBER	C	an1..20			

Use of this segment:

Level 1	Value-added tax rate. If the VAT rate is unknown or the partial services contain various VAT rates, the value 999999999 is entered in data element 5278. In these cases, the tax rates can be found in Level 2.
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Level 2	<p>Value-added tax rate.</p> <p>The value-added tax rate for the respective partial service is transmitted in data element 5278.</p> <p>If data element 5283 is filled with the value "9", the amount details refer to other services (subject to VAT and not subject to VAT) of the car rental company (AV) revenue type. Only then is data element C533_5286 filled with a value, but data element C243_5278, in contrast, is not filled (the codes for deductions) with VAT (ABM) or without VAT (ABO) do not reflect the suggestions of the UN, but are defined by LASG.)</p> <p>The data element 5305 is filled with a "B" for those services, for which the invoice recipient must pay the value-added tax in its country (reverse charge procedure).</p> <p>The data element 5305 is filled with a "Z", if the value-added tax rate is 0%, but the revenue is still reportable (e.g. in the UK)</p>
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The following table again shows the content of the individual data elements per revenue type in Level 2.

Revenue type	5283	C241_5153	C533_5289	5286	C243_5278
FL	„1“	„VAT“			VAT rate
DB	„1“	"VAT"			VAT rate
DO	„1“	"VAT"			VAT rate
CC	„1“	"VAT"			VAT rate
AV	„9“	"LOC"		Net amount for other service with VAT.	
	„9“	"FRE"		Net amount for other service without VAT.	
	„9“	"ABM"		Net amount for deductions for unspecified services with VAT.	
	„9“	"ABO"		Net amount for deductions for unspecified services without VAT.	
HT	„1“	"VAT"			VAT rate
SO	„1“	"VAT"			VAT rate

Examples:

Level	Example	Description
1	TAX+1+VAT++++:::19'	Item with partial services with 19% VAT rates
1	TAX+1+VAT++++:::999999999'	Item with partial services with various VAT rates
2	TAX+1+VAT++++:::19'	The partial service has 19% VAT and is nota reverse charge
2	TAX+1+VAT++++:::0'	The partial service has 0% VAT and is nota reverse charge
2	TAX+1+VAT++++:::0+B'	The partial service is in reverse charge procedure
2	TAX+1+VAT++++:::0+Z'	The partial service has 0% VAT is reportable

4.2.17 MOA

Segment group 33 C99
MOA Amount indications C1
Indication regarding the various amounts

Element	Name	Status	UN format	AP format	Level 1	Level 2
C516	MONETARY AMOUNT	M				
5025	Monetary amount type qualifier	M	an1..3	n3	"150" = VAT amount	"120" = VAT filed for other services "296" = VAT filed for discounts
5004	Monetary amount	C	n1..18	n..9	VAT amount	VAT filed for other services VAT filed for discounts
6345	Currency, coded	C	an1..3	n3	Sale currency	
6343	Currency qualifier	C	an1..3			
4405	Status, coded	C	an1..3			

Use of this segment:

Level 1	Value-added tax amount. The segment occurs exactly once. Example: MOA+150:32.25:978'
Level 2	Value-added tax amount. The segment only occurs when dealing with the service of a car rental company services (AV). Should the item not be an invoice-relevant item (DOC\C002_1001, the Level 1 has the value 456 or 454), the value-added tax amounts are declaratively designate. This is necessary for the sum of the single net amounts (PRI segment and tax segments with qualifier 9) to reflect the total net amount in the MOA segment of Level 1 (MOA+146). The identification of this declaratory value-added tax may not be used for input tax deduction. Example: MOA+120:16.25'

4.2.18 NAD

Segment group 34 **C20**
NAD Name and address **M1**
 Indication regarding the partner's name and id

Element	Name	Status	UN format	AP format	Level 1	Level 2
3035	PARTY QUALIFIER	M	an1..3	an2	"OB" = Service beneficiary "SE" = Service provider	"DR" = Driver
C082	PARTY IDENTIFICATION DETAILS	C				
3039	Party id. identification	M	an1..35	an..20	Personal identification Service provider's VAT number "167" = VAT number	
1131	Code list qualifier	C	an1..3	n3	"167" = VAT number	
3055	Code list responsible agency, coded	C	an1..3			
C058	NAME AND ADDRESS	C				
3124	Name and address line	M	an1..35	an..30	Service beneficiary's name or "No Info"	
3124	Name and address line	C	an1..35			
3124	Name and address line	C	an1..35			
3124	Name and address line	C	an1..35			
3124	Name and address line	C	an1..35			
C080	PARTY NAME	C				
3036	Party name	M	an1..35	an..30	Service provider's name	Driver's name
3036	Party name	C	an1..35			
3036	Party name	C	an1..35			
3036	Party name	C	an1..35			
3036	Party name	C	an1..35			
3045	Party name format, coded	C	an1..3			
C059	STREET	C				
3042	Street and number/p.o. box	M	an1..35	an..30	Service provider's street	
3042	Street and number/p.o. box	C	an1..35			
3042	Street and number/p.o. box	C	an1..35			
3042	Street and number/p.o. box	C	an1..35			
3164	CITY NAME	C	an1..35	an..30	Service provider's city	
3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an1..9			
3251	POSTCODE IDENTIFICATION	C	an1..9			
3207	COUNTRY, CODED	C	an1..3			

Use of this segment:

Level 1	<p>The segment occurs twice and contains details about the customer and service provider.</p> <p>Details about the customer are qualified with OB in data element 3035. In data element C058_3124[1] the name of the customer is transmitted or "No Info," if the customer is unknown. In data element C082_3039 the detailed billing information field, PK, is presented.</p> <p>Details about the service provider (LE) are qualified with SE in data element 3035. In data element 1131 the fixed value 167 is entered. The data element C080_3036[1], C059_3042[1], 3164 and 3039 are filled according to the aforementioned table.</p> <p>Example: NAD+OB+PK12345+Heinz Mustermann' NAD+SE+DE1234567890:167++LE Name.+LE Straße+LE Ort'</p>
Level 2	<p>The segment can occur once in revenues of the car rental company revenue type and contains the name of the driver.</p> <p>Example: NAD+DR+++Roland Raser'</p>

The following table again shows the content of the individual data elements per revenue type in Level 2.

Revenue type	3035	C080_3036
FL		
DB		
DO		
CC		
AV	DR	Driver name
HT		
SO		

4.2.19 LOC

Segment group 34
LOC Location indications

C20
C5

Element	Name	Status	UN format	AP format	Level 1	Level 2
3227	PLACE/LOCATION QUALIFIER	M	an1..3	n1	"7" = Travel destination	
C517	LOCATION IDENTIFICATION	C				
3225	Place/location identification	C	an1..25			
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
3224	Place/location	C	an1..70	an..17	Travel destination	
C519	RELATED LOCATION ONE IDENTIFICATION	C				
3223	Related place/location one identification	C	an1..25			
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
3222	Related place/location one	C	an1..70			
C553	RELATED LOCATION TWO IDENTIFICATION	C				
3233	Related place/location two identification	C	an1..25			
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
3232	Related place/location two	C	an1..70			
5479	RELATION, CODED	C	an1..3			

Use of this segment:

Level 1	<p>Travel destination of the customer.</p> <p>The travel destination is descriptive billing information field RZ that can be filled in the booking.</p> <p>Example: LOC+7+:::New York'</p>
Level 2	Not used.

4.2.20 RFF

Segment group 35 C5
RFF Reference indications M1
Indications identifying the partner or the business

Element	Name	Status	UN format	AP format	Level 1	Level 2
C506	REFERENCE	M				
1153	Reference qualifier	M	an1..3	an..3	"AFN" = Statement unit "ADE" = Account number "AEP" = Project number "CO" = Order number "IT" = Action number "TN" = Delivery slip number "ALI" = Customer reference number	
1154	Reference number	C	an1..35	an..17	Statement unit (DBI: "AE") Account number (DBI: "IK") Project number (DBI: "PR") Order number (DBI: "AU") Action number (DBI: "AK") Delivery slip number Customer reference number	
1156	Line number	C	an1..6			
4000	Reference version number	C	an1..35			

Use of this segment:

Level 1	<p>Descriptive billing information.</p> <p>The descriptive billing information is only provided if desired by the customer and captured in the booking. Otherwise, the segment is generated and data element 1154 is filled with the value 0.</p> <p>The segment occurs exactly five times in the first SG 34. The second use of SG 34 is to transmit the transaction reference number and customer reference number. The RFF occurs a total of seven times.</p>
Level 2	Not used.

Examples:

Level	Example	Description
1	RFF+AFN:1234	Descriptive billing field AE with the value 1234 from the descriptive billing information capture
1	RFF+ADE:H'	Descriptive billing field IK with the value H from the descriptive billing information capture
1	RFF+AEP:3404308'	Descriptive billing field PR with the value 3404308 from the descriptive billing information capture
1	RFF+CO:0'	Empty descriptive billing information field AU from the descriptive billing information capture.
1	RFF+IT:0'	Empty descriptive billing information field AK from the descriptive billing information capture.
1	RFF+TN:6219991'	Invoice number of a travel agency or delivery note number

1 RFF+AIJ:0'

Additional customer reference, that in direct sales of some airlines can be transmitted as descriptive billing information

4.2.21 DTM

Segment group 35 C20
DTM Date/time indications C5
Indications regarding the customer's specific date indications

Element	Name	Status	UN format	AP format	Level 1	Level 2
C507	DATE/TIME/PERIOD	M				
2005	Date/time/period qualifier	M	an1..3	n3	"171" = Processing date	
2380	Date/time/period	C	an1..35	n8	Processing date (DB: BD)	
2379	Date/time/period format qualifier	C	an1..3	n3	102 = YYYYMMDD	

Use of this segment:

Level 1	<p>Processing date.</p> <p>The processing date is descriptive billing information field BD that can be filled in the booking. It is only provided if the customer wants. Otherwise it is filled with the value 19900101. The segment occurs exactly once.</p> <p>Example: DTM+171:19900101:102'</p>
Level 2	Not used.

4.3 Trailer Section

4.3.1 UNS

Segment group 0

UNS Coupon control segment M1
Separates the item part of a message from the sum part.

Element	Name	Status	UN format	AP format	Description	Values
0081	SECTION IDENTIFICATION	M	a1..1		Identification	"S"

This section mark separates the item part of a message from the sum part. The segment occurs exactly once.

Example:

UNS+S'

4.3.2 CNT

Segment group 0

CNT Synchronization sums C10
Indication of message values to be synchronized

Element	Name	Status	UN format	AP format	Description	Values
C270	CONTROL	M				
6069	Control qualifier	M	a1..3			"2" = Number of positions "3" = Number of all the partial positions and services
6066	Control value	M	n1..18			Number of positions Number of all the partial positions and services
6411	Measure unit qualifier	C	a1..3			

Number of positions in a message. This segment occurs twice, in direct succession. A distinction is made in data element C270_6069.

The number of the items (number of LIN segments in Level 1) in data element 6069 is qualified with the value 2.

The number of all items and partial services (number of all LIN segments) are qualified with the value 3 in data element 6069.

Example:

CNT+2 : 5'

CNT+3 : 9'

4.3.3 MOA

Element	Name	Status	UN format	AP format	Description	Values
Segment group 48 MOA Amount indications Indication regarding the various amounts						
		M100				
		M1				
C516	MONETARY AMOUNT	M				
5025	Monetary amount type qualifier	M	an1..3		Qualifier du montant respectif	"123" = Net amount checksum (statistic) "125" = Net total amount "128" = Gross total amount "67" = Total ins. amount
5004	Monetary amount	C	n1..18		Valeurs attribuées au Qualifier	"77" = Invoice amount Net amount checksum (statistic) Net total amount (AW) Gross total amount (AW) Insurance total amount (AW) Invoice total amount (AW)
6345	Currency, coded	C	an1..3		Représentation numérique du code de la monnaie suivant ISO 4217	Statement currency
6343	Currency qualifier	C	an1..3			
4405	Status, coded	C	an1..3			"9" = for information

This segment contains amount details for the entire invoice. It occurs five times. A distinction is made in data element C516_5025.

In all amounts, with the exception of the control sum (C516_5025 = 123), the net item amounts are provided in the statement currency (see segment group 7 CUX:C504_6345) in data element C516_6345. Additionally, the control sum is identified with the value 9 in data element 4405.

Examples:

Example

MOA+123:3734.21:::9'

Description

Control sum of all net amounts in sales currency. Since the sales currency may be different for each item, it is not possible to provide a unique currency in data element 6345.

MOA+125:3734.21:978'

Total net amount in statement currency

MOA+128:4294.35:978'

Total gross amount in statement currency

MOA+67:0:978'

Total amount of all insurance in statement currency

MOA+77:4294.35:978'

Invoice amount

4.3.4 RFF

Segment group 49
RFF Reference indication C1
M1
Indications to identify the partner or the business

Element	Name	Status	UN format	AP format	Description	Values
C506	REFERENCE	M				
1153	Reference qualifier	M	an1..3	an3		"ICO" = Number of additional insurance policies
1154	Reference number	C	an1..35	n..5		Number of additional insurance policies
1156	Line number	C	an1..6			
4000	Reference version number	C	an1..35			

This segment occurs exactly once and provides the number of items for which supplementary insurance is calculated.

Example:

RFF+ICO:0'

4.3.5 TAX

Segment group 50 C10
TAX Indications regarding duties, customs and taxes M1

Indications regarding taxation types and rates

Element	Name	Status	UN format	AP format	Description	Values
5283	DUTY/TAX/FEE FUNCTION QUALIFIER	M	an1..3	n1		"3" = VAT rate
C241	DUTY/TAX/FEE TYPE	C				
5153	Duty/tax/fee type, coded	C	an1..3	an3		"VAT"
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
5152	Duty/tax/fee type	C	an1..35			
C533	DUTY/TAX/FEE ACCOUNT DETAIL	C				
5289	Duty/tax/fee account identification	M	an1..6			
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
5286	DUTY/TAX/FEE ASSESSMENT BASIS	C	an1..15			
C243	DUTY/TAX/FEE DETAIL	C				
5279	Duty/tax/fee rate identification	C	an1..7			
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
5278	Duty/tax/fee rate	C	an1..17	n..9		VAT rate
5273	Duty/tax/fee rate basis identification	C	an1..12			
1131	Code list qualifier	C	an1..3			
3055	Code list responsible agency, coded	C	an1..3			
5305	DUTY/TAX/FEE CATEGORY, CODED	C	an1..3			"B" = Reverse charge "Z" = 0% mandatory filing
3446	PARTY TAX IDENTIFICATION NUMBER	C	an1..20			

Identifier of the VAT records and VAT types.

Examples:

Example

TAX+3+VAT+++:::19'

Description

The following sums of the net and VAT amounts refer to items with 19% VAT without reverse charge procedure.

TAX+3+VAT+++:::0'

The following sums of the net and VAT amounts refer to items with 0% VAT without reverse charge procedure.

TAX+3+VAT+++:::0+B'

The following net amounts refer to items with reverse charge procedures.

TAX+3+VAT+++:::0+Z'

The following sums of the net and VAT amounts refer to items with 0% VAT, but are reportable.

4.3.6 MOA

Segment group 50
MOA Amount indications C10
Indication of the various amounts C2

Element	Name	Status	UN format	AP format	Description	Values
C516	MONETARY AMOUNT	M				
5025	Monetary amount type qualifier	M	an1..3		Qualifier of the respective amount	"150" = VAT amount at the respective VAT rate and type "125" = Sum of net amounts at the respective VAT rate and type
5004	Monetary amount	C	n1..18		Values assigned to the Qualifier	VAT amount at the respective VAT rate and type Sum of net amounts at the respective VAT rate and type
6345	Currency, coded	C	an1..3		Numeric representation of the currency code as per ISO 4217	Statement currency
6343	Currency qualifier	C	an1..3			
4405	Status, coded	C	an1..3			

This segment group is used to provide the net and VAT amounts in statement currency for the entire invoice. The segment group occurs exactly once per value-added tax value.

Examples:

Example

MOA+125:200:978'

MOA+150:38:978'

MOA+125:200:978'

MOA+150:0:978'

MOA+125:200:978'

MOA+125:200:826'

MOA+150:0:826'

Description

Sum of the net amounts for 19% VAT without reverse charge procedures

Sum of the VAT amounts for 19% VAT without reverse charge procedures

Sum of the net amounts for 0% VAT without reverse charge procedures

Sum of the VAT amounts for 0% VAT without reverse charge procedures

Sum of the net amounts in reverse charge procedures

Sum of the net amounts for 0% VAT that are still reportable

Sum of the VAT amounts for 0% VAT that are still reportable

4.3.7 UNT

Segment group 0

UNT Message final segment **M1**
To complete a message and control whether it is complete

Element	Name	Status	UN format	AP format	Description	Values
0074	NUMBER OF SEGMENTS IN A MESSAGE	M	n1..10			Number of all segments from UNH to UNT
0062	MESSAGE REFERENCE NUMBER	M	an1..14			Current reference number (see UNH)

Example:
UNT+124+213 '

4.3.8 UNZ

Segment group 0

UNZ Final segment of useful data **M1**
To finalize a message and check that it is complete

Element	Name	Status	UN format	AP format	Description	Values
0036	INTERCHANGE CONTROL COUNT	M	n1..6			Number of all UNH segments
0020	INTERCHANGE CONTROL REFERENCE	M	an1..14			Data interchange reference (vgl. UNB)

Example:
UNZ+1+39 '

5) Subset Segments with Qualifying Data Elements

5.1 Message header and trailer

On the following two pages, the LASG subset is described through the used segments as well as the qualifying data elements.

Gr.	Seg.	Qualifier	Header
0	UNH		*
0	BGM	C002_1001	380/381
0	DTM	C507_2005	3
0	PAI	C534_4461	30/31
1	RFF	C506_1153	IV
2	NAD	3035	IV
2	NAD	3035	II
7	CUX	C504_6347	1

Gr.	Seg.	Qualifier	Trailer
	CNT	C270_6066	2
	CNT	C270_6066	3
48	MOA	C516_5025	125
48	MOA	C516_5025	128
48	MOA	C516_5025	67
49	RFF	C506_1153	ICO
48	MOA	C516_5025	77
50	TAX	5283, C241_5253	3+VAT
50	MOA	C516_5025	150
	UNT		*



5.2 Message body

Gr.	Seg.	El.de donnée qualifiant	Level 1	Level 2						
			Données 300/400	Donnée s 500	Donnée s 510	Donnée s 511	Donnée s 520	Donnée s 530	Donnée s 540	Donnée s 590
25	LIN	C212_1131	300	500	510	511	520	530	540	590
	PIA	4347+C212_7143	1+MP	1+PD						
	IMD	7077				E				
	IMD	C273_1131		FL	DB	DO	CC	AV	HT	SO
	IMD	C273_1131								
	MEA	6311								
	QTY	C186_6063						108		
	QTY	C186_6063						49	49	
	QTY	C186_6063								
	PCD	C501_5245								
	DTM	C507_2005	9	136	136	136	136			
	DTM	C507_2005								
	GIN	7405						BL	BL	
	FTX	4451								OSI
26	MOA	C516_5025	146	161	125	125	125			
	CUX		*							
	MOA	C516_5025	14		204	204	204			
	MOA	C516_5025	67		210/211	210/211	210/211			
	MOA	C516_5025	203		150	150	150			
27	PAT	4279								
	PCD	C501_5245								
	MOA	C516_5025								
28	PRI	C509_5118						11 *	11 *	
29	RFF	C506_1153	CT	AF	AGT	AGT	AGT	AGT	AGT	AGT
	DTM	C507_2005	356							
	RFF	C506_1153		AGE	ACD	ACD	ACD			AGT
	RFF	C506_1153			RC		RC			
	RFF	C506_1153								
	RFF	C506_1153								
32	LOC	3227		5	162	5	162	5	5	
	LOC	1131				144				
	QTY	6060						68	68	
	QTY	6063				114				
	QTY	6411				IE				
	QTY	6411				ZZ				
	DTM	C507_2005						200	200	
	DTM	C507_2005						201	201	
	LOC	3227		8	92	8	92	7	7	
	QTY							69	69	
	DTM	C507_2005						173	173	
	DTM	C507_2005						206	206	
33	TAX	5283+C241_5253	1+VAT		1+VAT	1+VAT	1+VAT	9+LOC	9+LOC	
	MOA	C516_5025	150					120	120	
	TAX	5283+C241_5253						9+FRE	9+FRE	
34	NAD	3035	OB					DR	DR	
	NAD	3035	SE							
	LOC	3227	7							
	NAD	3035								
	NAD	3035								
35	RFF	C506_1153	AFN							
	RFF	C506_1153	ADE							
	DTM	C507_2005	171							
	RFF	C506_1153	AEP							
	RFF	C506_1153	CO							
	RFF	C506_1153	IT							
	RFF	C506_1153								
36	DOC	C002_1001	1/383/454/456							
37	CTA	3139	IC							
	CTA	3139	IR							

6) Examples

In this chapter, several examples are documented. To do so, they are distinguished by service types.

6.1 Header section

```
UNA:+. ? '
UNB+UNOD:4+LASGTEST:ZZ+:ZZ+20040315:1522+9++LASGINVOIC '
UNH++INVOIC:D:96A:UN '
BGM+380+1320567890000011 '
DTM+3:20040308:102 '
DTM+170:20040318:203 '
PAI+:::30 '
RFF+IV:0306422088:::0 '
RFF+VA:DE0987654321 '
RFF+AHL:DE83ZZZ00000309554 '
RFF+AHM:AIRPLUS0123456789012 '
NAD+IV+DTA9999++Test AG:Frau Muster:Postfach 2 18 99++Berlin++10991 '
NAD+II+LASG '
CUX+1:978+5:978+1 '
...
```

6.2 Flight (FL) service type

...
LIN+6++2201922764511:PO:300+0:0+0'
PIA+1+FL:MP'
DTM+9:20040304:102'
MOA+146:43.1:978'
CUX+++1'
MOA+14:50:978'
MOA+67:0:978'
MOA+203:50:978'
RFF+CT:122000200074584'
DTM+356:20040303:102'
TAX+1+VAT+++:::16'
MOA+150:6.9:978'
NAD+OB+0:160+Froehnert/Ralf Mr.'
LOC+7+:::MUC'
RFF+AFN:0'
RFF+ADE:0'
DTM+171:20040303:102'
RFF+AEP:0'
RFF+CO:0'
RFF+IT:0'
DOC+383'
CTA+IC+0'
CTA+CR+0'
NAD+SE+521458220047:167++Deutsche Lufthansa AG+Von-Gablenz-Strasse 2
- 6+ 50679 Köln'
LIN+6++::500+1:0+1'
IMD+++FL:::2201922764511:G'
DTM+136:20040303:102'
MOA+161:0:978'
MOA+125:50:978'
MOA+204:0:978'
MOA+210'
MOA+150:6.9:978'
RFF+AF:LH'
RFF+AGE:23219556'
RFF+RC:Specified MCO'
LOC+5+Specified MCO:145'
LOC+8+:145'
TAX+1+VAT+++:::16'
LIN+1++::500+1:1+1'
...
<more>
...

6.3 Deutsche Bahn (DB) service type

```

...
LIN+1++M200027018021:PO:300+0:0+0'
PIA+1+DB:MP'
DTM+9:20040304:102'
MOA+146:211.54:978'
CUX+++1'
MOA+14:245.4:978'
MOA+67:0:978'
MOA+203:245.4:978'
RFF+CT:122000200099999'
DTM+356:20040303:102'
TAX+1+VAT+++:::16'
MOA+150:33.86:978'
NAD+OB+TEST-PK:160+R\ssig/MRS'
LOC+7+:::WIESBADEN'
RFF+AFN:0'
RFF+ADE:TEST-IK'
DTM+171:19900101:102'
RFF+AEP:TEST-PR'
RFF+CO:0'
RFF+IT:0'
DOC+383'
CTA+IC+0'
CTA+CR+TEST-KS'
NAD+SE+045 231 28552:167++Deutsche Bahn AG Frankfurt+Mainzer
Landstrasse 226-230+ 60327 Frankfurt'
LIN+1++:::510+1:0+1'
IMD+++DB:::DB88753577-77'
DTM+136:20040318:102'
MOA+125:6.72:978'
MOA+204:0:978'
MOA+210'
MOA+150:1.08:978'
RFF+AGT:DB'
RFF+ACD:018021'
RFF+RC:EPA Reservierung'
LOC+162+012000:58:::427'
LOC+92+AgNr 012000 Bst 427:36'
TAX+1+VAT+++:::16'
LIN+1++:::510+1:1+1'
...
<more>
...

```


6.4 BAHNONLINE (DO) service type

```
LIN+162++S000649317359:PO:300+0:0+0'  
PIA+1+DO:MP'  
DTM+9:20030617:102'  
MOA+146:65.86:978'  
CUX+++1'  
MOA+14:76.4:978'  
MOA+67:0:978'  
MOA+203:76.4:978'  
RFF+CT:12200020099999'  
DTM+356:20030617:102'  
TAX+1+VAT+++:::16'  
MOA+150:10.54:978'  
NAD+OB+7916509999:160+Schröder Hermann'  
LOC+7+:::Darmstadt Hbf'  
RFF+AFN:0'  
RFF+ADE:0'  
DTM+171:19900101:102'  
RFF+AEP:0'  
RFF+CO:0'  
RFF+IT:0'  
DOC+383'  
CTA+IC+IB1'  
CTA+CR+OG849999'  
NAD+SE+045 231 28552:167++Deutsche Bahn AG Frankfurt+Mainzer  
Landstrasse 226-230+ 60327 Frankfurt'  
LIN+162++:::511+1:0+1'  
IMD+++DO:::DOAN-E6XV99:1'  
IMD+E++DO:::Inlandsticket NPG'  
DTM+136:20030617:102'  
MOA+125:61.38:978'  
MOA+204:0:978'  
MOA+210'  
MOA+150:9.82:978'  
RFF+AGT:DO'  
RFF+ACD:05329999'  
LOC+5+:144::Nürnberg'  
QTY+114:1:IE'  
QTY+114:0:ZZ'  
LOC+8+:144::Darmstadt'  
TAX+1+VAT+++:::16'  
LIN+162++:::511+1:1+1'  
...  
<more>  
...
```

6.5 START-CC (CC) service type

...

LIN+10++Q200027018012:PO:300+0:0+0'
PIA+1+CC:MP'
DTM+9:20040304:102'
MOA+146:326.76:978'
CUX+++1'
MOA+14:379.04:978'
MOA+67:0:978'
MOA+203:379.04:978'
RFF+CT:122000200099999'
DTM+356:20040303:102'
TAX+1+VAT+++:::16'
MOA+150:52.28:978'
NAD+OB+0:160+Roesky/Dr.'
LOC+7+:::HAJ'
RFF+AFN:0'
RFF+ADE:0'
DTM+171:19900101:102'
RFF+AEP:0'
RFF+CO:0'
RFF+IT:0'
DOC+383'
CTA+IC+0'
CTA+CR+0'
NAD+SE+0645641807:167++Schwarzwald Reisebüro Teststra+sse 8+ 79104
Freiburg'
LIN+10++:::520+1:0+1'

6.6 HOTEL (HT) service type

```
...
LIN+1++T000048331425:PO:300+0:0+0'
PIA+1+HT:MP:D'
DTM+9:20040108:102'
MOA+146:845.25:978'
CUX+++1'
MOA+14:980.5:978'
MOA+67:0:978'
MOA+203:980.5:978'
RFF+CT:122000201099999'
DTM+356:20031230:102'
TAX+1+VAT+++:::16'
MOA+150:135.25:978'
NAD+OB+0:160+Testkunde'
RFF+AFN:0'
RFF+ADE:0'
DTM+171:20031230:102'
RFF+AEP:0'
RFF+CO:0'
RFF+IT:0'
DOC+383'
CTA+IC+XK8400009'
CTA+CR+0'
NAD+SE+114216731:167++Steigenberger Mannheimer Hof+Augustaanlage 4
- 8+Mannheim'
LIN+1++:::540+1:1+1'
IMD+++HT:::00255899'
QTY+2:9:IE'
DTM+178:20031211:102'
DTM+189:20031212:102'
DTM+136:20031211:102'
MOA+125:180.17:978'
MOA+204:209:978'
MOA+150:28.83:978'
MOA+210'
RFF+ACD:00209999'
RFF+AGT:HT'
RFF+RC:Restaurant Avalon Getränk'
RFF+AIM:Rechnung#000400010652'
TAX+1+VAT+++:::16'
LIN+1++:::540+1:2+1'
...
<more>
...
```

6.7 Trailer section

...
UNS+S'
CNT+2:17'
CNT+3:53'
MOA+123:3650.05:::9'
MOA+128:3903.14:978'
MOA+125:3650.05:978'
MOA+67:0:978'
RFF+ICO:0'
MOA+77:3903.14:978'
TAX+3+VAT+++:::7'
MOA+150:0.08:978'
TAX+3+VAT+++:::16'
MOA+150:253.01:978'
UNT+0'
UNZ+0+9'