



Documentation Electronic posting IFTMIN D01 B (3D IFTMIN)

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QA

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1 General information

DHL offers its customers the opportunity to transmit messages between their own shipping logistics system and the DHL systems via an electronic interface. To this end, the customer transmits order data to DHL in the form of electronic posting lists.

The 3D IFTMIN format is used as a standardised posting format for the DHL Classic (see Glossary), Danzas and DHL PAKET products.

This documentation describes the layout of the electronic posting list in the 3D IFTMIN format. Further important information on the implementation of electronic posting lists can be found in our product specifications for the respective procedures.

1.1 Basis for electronic data exchange

Electronic data exchange is based on the EDI Agreement. It comprises the rights and obligations of the two contractual parties (customer – DHL). The contact for this is the supporting DHL Vertriebs GmbH & Co. OHG contact.

1.2 Technical connection

If you have any questions on the technical connection and the product codes (procedures)/products please contact your DHL CIS/CIM consultant. He will provide you with information on the various options and their respective prerequisites. He will also establish initial contact with DHL's EDI clearing centre and help you with completing the request for network access.

2 General information on the electronic posting list

Generally applicable provisions regarding EDIFACT and the electronic posting list (EDI message) of DHL are explained in this section.

2.1 General explanation of EDIFACT

United Nations/Electronic Data Interchange for Administration, Commerce and Transport (UN/EDIFACT) is a set of rules governing the electronic exchange of data in administration, commerce and transport. It includes a series of internationally accepted standards, directories and guidelines for the electronic exchange of structured data.

EDIFACT offers a large number of message types for mapping all business transactions, e.g. IFTMIN = shipping order, ORDERS = orders, INVOIC = invoice, IFTSTA = multimodal status report, etc. All structures and elements of an EDIFACT message are standardised and are published on the Internet at <http://www.unece.org/trade/untidd/>.

2.1.1 Layout of an EDIFACT message

The EDIFACT syntax rules describe the standards for structuring data to segments, segments to messages and messages to a transmission file.

A transmission file can consist of one or more messages.

Each message consists of individual segments strung together which are separated from each other by a segment end character (inverted comma).

Segments are subdivided into individual data elements or logically connected data elements (data element groups) which are separated from each other by predefined characters (separators).

This means that the data elements are variable in their length and can be qualified separately according to function, format and information content.

For a detailed description of the message layout and the special characters please see the following sections.

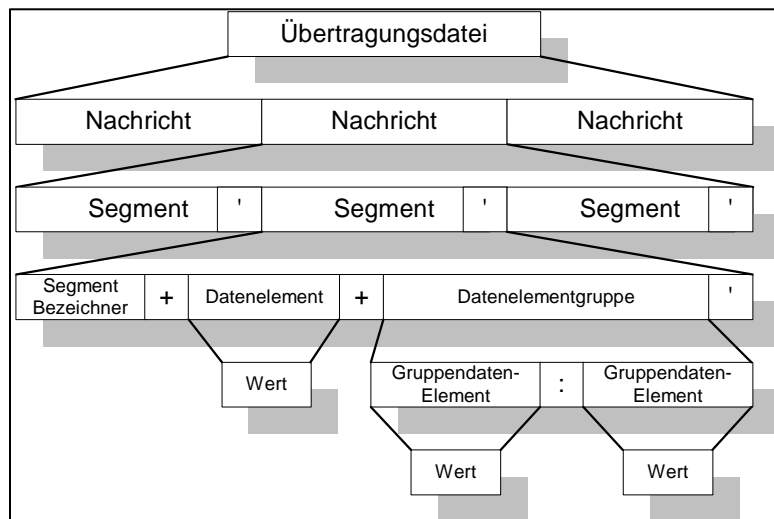


Diagram of the layout of a message

An electronic posting list in IFTMIN D01B format always consists of the following components:

1. Service segments UNA (description of the control characters), UNB (file header) and UNZ (file end)
2. Messages (UNH to UNT)
3. Item records (1 to 999) which each describe an individual item.

	UNA		Syntax character description
	UNB		Beginning of file (file header)
	UNH		Beginning of message 1
		Message header message 1	
		Item 1.1	
		Item 1.2	
		...	
		Item 1.x	
	UNT		End of message 1
	UNH		Beginning of message 2
		Message header message 2	
		Item 2.1	
		Item 2.2	
		...	
		Item 2.y	
	UNT		End of message 2
	...		
	UNH		Beginning of message m
		Message header message m	
		Item m.1	
		Item m.2	
		...	
		Item m.z	
	UNT		End of message m
	UNZ		End of file (file end)

A message is limited by the EDIFACT message type IFTMIN to 999 order items. If there are 1,000 or more items, these must be transmitted in additional messages with a maximum of 999 items.

2.1.2 Handling of EDIFACT control characters (syntax characters) in text fields

If EDIFACT_syntax-characters (+ : . ? ') are used in the payload of the message as text components, they must be masked by a preceding question mark (?). Failing to do so would lead to the system interpreting these characters as syntax characters which would then make it impossible to process the file correctly.

Example:

If the international phone number +49-16151-1372-800 is transmitted in the message, the associated COM segment will be structured as follows in the message:

COM+?+49-16151-1372-800:TE'

2.2 Technical connection

The technical connection of the electronic posting list is supported at DHL by the CIS/CIM consultant responsible.

2.3 Provision of the electronic posting list

Procedure	Transmission time
V01	On the same day as the pick-up
VNN	As early as possible, but no later than 6 p.m. on the day of the pick-up
V53	On the same day as and no later than the pick-up
V54	As early as possible but no later than the time of pick-up
V72	As early as possible, but no later than 6 p.m. on the day of the pick-up
V99	As early as possible but no later than the time of pick-up

2.4 Examples relating to the electronic posting list

Examples of the individual electronic posting list procedures can be provided by the CIS consultant upon request.

2.5 Transmission paths

The electronic posting list can be transmitted to the EDI Clearing Centre of DHL (EDI CC) in several ways. You will receive your access data from your CIS/CIM consultant once the communication path has been agreed.

2.6 Notes on data transfer

While transmitting the electronic posting list to the FTP account it is essential that data cannot be picked up if it is incomplete.

Various options are available, e.g. the file is transferred as a temporary file, the file sizes on the FTP server (destination directory) and in the local source directory are compared. If the size is correct, the temporary file will be renamed on the server, otherwise the file will be deleted and a local error message is generated if necessary.

Example process flow description:

```
1. ls "/prod/in/"

2. put "C:\DOKUME~1\ADMINI~1\LOKALE~1\Temp\eeeeeeeeee_tt_vv_nnn_YYYYMMDD.dat"
"/prod/in/TEMP_eeeeeeeeee_tt_vv_nnn_YYYYMMDD.dat"

!echo put successful !

ls "/prod/in/"

3. ren "/prod/in/TEMP_eeeeeeeeee_tt_vv_nnn_YYYYMMDD.dat" "/prod/in/
eeeeeeeeee_tt_vv_nnn_YYYYMMDD.dat"
```

2.7 File naming conventions

The data delivered is loaded into internal DHL systems for automatic processing. In order to ensure that this processing is performed correctly, the following conventions must be observed when the file name is created.

2.7.1 Parcel products and national Express products

The following schema must be used to create file names associated with procedure 01, procedure NN, procedure 53, procedure 54 and procedure 72:

<EKP number>_<participation>_<procedure>_<page number>_<CCYYMMDD>.dat

The underscore (_) is used as a separator between the individual components of the file name.

Component	Format	Meaning
EKP number	n10	EKP number at DHL
Participation	n2	Customer partner within the EKP
Procedure	n2	The procedure used
Page number	n3	The consecutive number within the EDI message as transmitted in the BGM segment
ccyyymmdd	n8	Posting date

Example:
5012345678_02_53_003_20050630.dat

for a file delivered on 30 June 2005 for procedure 53 with participation 02 belonging to EKP 5012345678.

2.7.2 International Express products

For procedure 99, the file name must be created according to the following schema:

<Account number>_<participation>_<procedure>_<ICR number>_<CCYYMMDD>.dat

The underscore (_) is used as a separator between the individual components of the file name.

Component	Format	Meaning
Account number	n9	Account number at DHL
Participation	n2	Fixed value: 01
Procedure	n2	The procedure used: (99)
Page number	n3	The consecutive number in the EDI message as transferred in the UNB segment (ICR number)
ccymmdd	n8	Posting date

Example:

140243026_01_99_051_20050722.dat

for a file delivered on 22 July 2005 for procedure 99 under customer number 140243026 with ICR number 051.

3 Layout of the 3D IFTMIN message

This section describes the layout/structure of the 3D IFTMIN message.

3.1 Status characters

The information provided in the electronic posting list in 3D IFTMIN format depends on the product (procedure) used. This is why in the section entitled "Segment details of the IFTMIN message" the status is shown depending on the procedure for each segment/segment group.

Status characters:

M	→	Must be present (either according to EDIFACT standard or required by DHL)
D	→	Depending on (see explanations)
O	→	Optional, can be transmitted
N	→	Optional segments are only analysed partially by DHL.
		Not used

3.2 Structure of the electronic posting list

Overview of the segments and segment groups (SG) of the electronic posting list with generally applicable status details and the number of possible repetitions in the 3D IFTMIN format. Depending on the procedure used, a segment/segment group may be required (status M) or not (status D).

	Segment /segment group	Status	Max.re pet.	Segment name
	UNA	O	1	Service String Advice
	UNB	M	1	Interchange Header
	UNH	M	1	Message Header
	BGM	M	1	Beginning of Message
	DTM	M	3	Date/Time/Period
	TSR	M	1	Transport Service Requirements
	MOA	D	3	Monetary Amount
	FTX	D	3	Free Text
	CNT	M	3	Control Total
	SG1	D	1	
	LOC	D	1	Place/Location Identification
	SG2	M	1	
	TOD	M	1	Terms of Delivery or Transport
	LOC	D	1	Place/Location Identification
	SG3	D	8	
	RFF	M	1	Reference
	SG4	D	1	
	GOR	M	1	Governmental Requirements
	LOC	M	1	Place/Location Identification
	FTX	M	4	Free Text

	SG11	M	4	
	NAD	M	1	Name and Address
	LOC	D	1	Place/Location Identification
	SG12	D	1	
	CTA	M	1	Contact Information
	COM	D	3	Communication Contact
	SG13	D	9	
	DOC	M	9	Document/Message Details
	SG18	M	999	
	GID	M	1	Goods Item Details
	MOA	D	3	Monetary Amount
	PIA	D	1	Additional Product ID
	FTX	D	13	Free Text
	SG19	D	4	
	NAD	M	1	Name and Address
	DTM	D	1	Date/Time/Period
	SG20	M	2	
	MEA	M	1	Measurements
	SG21	D	1	
	DIM	D	1	Dimensions
	SG22	D	2	
	RFF	D	1	Reference
	SG23	M	99	
	PCI	M	1	Package Identification
	GIN	M	1	Goods Identity Number
	SG25	D	1	
	GOR	D	1	Governmental requirements
	LOC	D	1	Place/Location Identification
	FTX	D	3	Free Text
	SG32	D	6	
	DGS	D	1	Dangerous Goods
	FTX	D	99	Free Text
	SG34	D	9	
	MEA	D	1	Measurements
	UNT	M	1	Message Trailer
	UNZ	M	1	Interchange Trailer

3.3 Conventions

The following conventions apply in the 3D IFTMIN with regard to the transmission of dimensions, weights, monetary amounts, currencies, etc.:

Mandatory fields:	In mandatory fields, only the requested information may be indicated, and a space may not be transmitted as replacement.
Decimal separator:	The decimal point (.) is used as a decimal separator.
1000-separator:	A thousand separator is not allowed.
Volume details:	All volume details are provided in cubic meters with up to three decimal places. The qualifier MTQ is used for this in the message.
Weight details:	All weight details are provided in kilograms with up to three decimal places. The qualifier KGM is used for this in the message.
Dimensions:	All dimensions are given in centimetres without decimal places. The qualifier CMT is used for this in the message.
Monetary amounts:	Monetary amounts are transmitted with up to two decimal places without 1000-separators.
Currency codes:	Currency codes are used in accordance with ISO 4217 .
Country codes:	Country codes are used in accordance with ISO 3166 .

4 Segment details of 3D IFTMIN message

This section describes the individual segments and their use depending on the procedure/product used.

4.1 Beginning of the transmission file

4.1.1 UNA, Service String Advice

Segment:	UNA	Serial no.:1	Level: 0	Service String Advice	
		Status: O	Max. repet.: 1		
Function:	Defines separators which are used in a transmission file and is predefined by DHL.				
Status at DHL		Status DHL Freight	O		
		Status procedure 01	O		
		Status procedure NN	O		
		Status procedure 53	O		
		Status procedure 54	O		
		Status procedure 72	O		
		Status procedure 99	O		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
UNA					
UNA1	Component data element separator	M	an1	:	Group data element separator
UNA2	Data element separator	M	an1	+	Data element separator
UNA3	Decimal mark	M	an1	.	Decimal mark
UNA4	Release character	M	an1	?	Release character
UNA5	Repetition separator	M	an1		Repetition separator
UNA6	Segment terminator	M	an1	'	Segment terminator
Example:					
UNA:+.? '					
Explanations:					

4.1.2 UNB, Interchange Header

Segment:	UNB	Serial no.:2	Level:	0	Interchange Header
		Status: M	Max. repet.:	1	
Function:	Opens, identifies and describes the transmission file				
	Status at DHL	Status DHL Freight	M		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	M		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
UNB	SYNTAX IDENTIFIER	M			
S001	Syntax identifier	M	a..4	UNOC	Syntax Version UNOC = UN/CCE Level C Latin 1 character record Syntax version number
0001	Syntax version number	M	an..2	4	
0080	Service code list directory version number	O	an..6		
0133	Character encoding, coded	O	an..3		
S002	INTERCHANGE SENDER	M			
0004	Interchange Sender identification	M	an..35	51234567890	Sender of the file (see explanations)
0007	Identification code qualifier	O	an..4		
0008	Interchange sender internal identification	O	an..35		
0046	Interchange sender internal identification	O	an..35		
S003	INTERCHANGE RECIPIENT	M			
0010	Interchange recipient identification	M	an..35	3D_Message_Hub	Recipient of the file (see explanations)
0007	Identification code qualifier	O	an..4		
0014	Interchange recipient internal identification	O	an..35		
0046	Interchange recipient internal sub-identification	O	an..35		
S004	DATE AND TIME OF PREPARATION	M			
0017	Date	M	n..8	20072508	Date file created (CCYYMMDD)
0019	Time	M	n..4	1815	Time file created (HHMM)
0020	INTERCHANGE CONTROL REFERENCE	M	an..14	015	Unique file identifier
S005	RECIPIENT REFERENCE/PASSWORD DETAILS	O			
0022	Recipient reference/password	O	an..14		
0025	Recipient reference/password qualifier	O	an..2		
0026	APPLICATION REFERENCE	O	an..14		
0029	PROCESSING PRIORITY CODE	O	a..1		
0031	ACKNOWLEDGEMENT REQUEST	O	n..1		
0032	INTERCHANGE AGREEMENT IDENTIFIER	O	an..35		
0035	TEST INDICATOR	O	n..1		
Example:					
Procedure 99: UNB+UNOC:4+14234567.90429+3D_Message_Hub+20040510:0823+121'					
Other procedures: UNB+UNOC:4+5116394172+3D_Message_Hub+20040510:0823+15'					
Explanations:					
S002	For procedure 99 the sender ID consists of customer number and the sender's postal code separated by a decimal point (.). E.g. 14234567.90429. For DHL Freight the sender ID is individually agreed. For all other procedures the sender ID is the same as the EKP number.				
S003	"3D_Message_Hub" must be used as the file recipient.				
0035	Not evaluated.				

4.2 Beginning of the message

4.2.1 UNH, Message Header

Each message (UNH to UNT block) specifies one single shipment for **procedure 99** and **DHL Freight**. This may consist of one or several packages to one recipient. This is why within the file a new message must be created for **each shipment to be transmitted**.
For all **other procedures** it is **only** allowed to create **one** message (UNH-UNT block).

Segment:	UNH	Serial no.:3 Status: M	Level: 0 Max. repet.: 1	Message Header	
Function	Opens, identifies and specifies a message within the transmission file				
Status at DHL	Status DHL Freight	M			
	Status procedure 01	M			
	Status procedure NN	M			
	Status procedure 53	M			
	Status procedure 54	M			
	Status procedure 72	M			
	Status procedure 99	M			
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
UNH					
0062	MESSAGE REFERENCE NUMBER	M	an..14	1	Consecutive no. per message
S009	MESSAGE IDENTIFIER	M			
0065	Message type identifier	M	an..6	IFTMIN	Message type
0052	Message type version number	M	an..3	D	Version number of the message type
0054	Message type release number	M	an..3	01B	Release number of the message type
0051	Controlling agency	M	an..2	UN	Administrating organisation
0068	COMMON ACCESS REFERENCE	M	an..35	DHL2.5/APPLICATION	Access reference
Example:					
UNH+1+IFTMIN:D:01B:UN+DHL2.5/ Shipping software V1.0'					
Explanations:					
0068	The version of the electronic posting list is "DHL2.0" and is separated by a "/" from the name and version of the software with which the posting list was generated.				

4.2.2 BGM, Beginning of Message

Segment:	BGM	Serial No.:4 Status: M	Level: Max. repet.: 1	0 1	Beginning of message
Function:	Describes the type and function of the message and transfers the associated identification number				
Status at DHL		Status DHL Freight	M		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	M		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
BGM C002 1001	DOCUMENT/MESSAGE NAME Document/message name, coded	M M	an..3	740 787	740 = Air Waybill 787 = Borderau
C106 1004	DOCUMENT/MESSAGE IDENTIFICATION Document identifier	D M			
1225	MESSAGE FUNCTION, CODED	M			
			an..35	6200277077 012	Air Waybill Number Page number
			an..3	9	9 = Original
Example:					
Procedure 99: BGM+740+6200277077+9'					
DHL Freight: BGM+787++9'					
Other procedures: BGM+787+012+9'					
Explanations:					
1001	For procedure 99:	740			
	For all other procedures:	787			
C106	Not used for DHL Freight				
1004	For procedure 99:	Air Waybill Number			
	For all other procedures:	Page number (see page 46)			

4.2.3 DTM, Date/time/period

4.2.3.1 DTM+9 – Posting date

Segment:	DTM	Serial no.:5	Level: 1	Date/time/period	
		Status: M	Max. repet.: 1		
Function:	Describes posting date and time				
Status at DHL		Status DHL Freight	M		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	M		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
DTM	DATE/TIME/PERIOD	M			
C507					
2005	Date/time/period qualifier	M	an..3	9	9 = Posting date of the packages
2380	Date/time/period	M	an..35	200708211815	Date and time (CCYYMMDDHHMM)
2379	Date/time/period format qualifier	M	an..3	203	203 = Format CCYYMMDDHHMM
Example:					
DTM+9:200111291500:203'					
Explanations:					

4.2.3.2 DTM+11 – Export date

Segment:	DTM	Serial no.: 6 1 Status: D	Level: 1 Max. repet.: 1	Date/time/period	
Function:	Describes export date and time				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
DTM					
C507	DATE/TIME/PERIOD	M			
2005	Date/time/period qualifier	M	an..3	11	11 = Export date of shipment
2380	Date/time/period	M	an..35	200708211815	Date and time (CCYYMMDDHHMM)
2379	Date/time/period format qualifier	M	an..3	203	203 = Format CCYYMMDDHHMM
Example:					
DTM+11:200111291500:203'					
Explanations:					

4.2.3.3 DTM+191 – Fixed delivery date

Segment:	DTM	Serial no.:7	Level:	1	Date/time/period
		Status: D	Max. repet.:	1	
Function:	Describes a fixed delivery date				
	Status at DHL	Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
DTM	DATE/TIME/PERIOD	M			
C507	Date/time/period qualifier	M	an..3	191	191 = Fixed delivery date
2005	Date/time/period	M	an..35	200708211815	Date and time (CCYYMMDDHHMM)
2380	Date/time/period format qualifier	M	an..3	203	203 = Format CCYYMMDDHHMM
2379					
Example:					
DTM+191:200111291500:203'					
Explanations:					
	For DHL Freight the requested delivery date is transferred as a fixed date in this segment.				

4.2.4 TSR, Transport service requirements

Segment:	TSR	Serial no.:8 Status: M	Level: 1 Max. repet.: 1	Transport service requirements	
Function:	Describes contract and carriage conditions as well as service and priority for transport				
Status at DHL		Status DHL Freight	M		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	M		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
TSR					
C536	CONTRACT AND CARRIAGE CONDITION	N			
C233	SERVICE	N			
C537	TRANSPORT PRIORITY	M			
4219	Transport service priority code	M	an..3	01 ECX 200	Procedure Product for procedure 99 Product code for DHL Freight
1131	Code list identification code	M	an..17	57	57 = Product code (fixed value)
3055	Code list responsible agency code	M	an..3	87	87 = Assigned by the transport company (fixed value)
Example:					
DHL Freight:		TSR+++200:57:87'			
Procedure 01:		TSR+++01:57:87'			
Procedure 53:		TSR+++53:57:87'			
Procedure 54:		TSR+++54:57:87'			
Procedure 72:		TSR+++72:57:87'			
Procedure 99:		TSR+++ECX:57:87'			
Explanations:					
4219	This element contains the chosen procedure/product. For details please see the respective product specifications.				

4.2.5 MOA, Monetary amounts

4.2.5.1 MOA+22 – COD amount

Segment:	MOA	Serial no.:9	Level:	1	Monetary amounts
		Status: D	Max. repet.:	1	
Function:	Describes the cash-on-delivery amount.				
	Status at DHL	Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
MOA	MONETARY AMOUNT	M			
C516	Monetary amount type qualifier	M	an..3	22	22 = COD amount
5025	Monetary amount	M	n..18	1500.00	Amount incl. cash-on-delivery charge
5004	Currency, coded	M	an..3	EUR	Currency code acc. to ISO 4217
6345					
Example:					
MOA+22:1500.00:EUR'					
Explanations:					
	This segment is used in conjunction with COD (cash on delivery).				

4.2.5.2 MOA+43 – Customs value

Segment:	MOA	Serial no.:10	Level:	1	Monetary amounts
		Status: D	Max. repet.:	1	
Function:	Describes the customs value.				
	Status at DHL	Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	D		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
MOA	MONETARY AMOUNT	M			
C516	Monetary amount type qualifier	M	an..3	43	43 = Customs value
5025	Monetary amount	M	n..18	45.00	Amount
5004	Currency, coded	M	an..3	EUR	Currency code acc. to ISO 4217
6345					
Example:					
MOA+43:45.00:EUR'					
Explanations:					
	This segment is used for DHL Freight and procedure 99 in conjunction with dutiable shipments in order to transfer the customs value.				

4.2.5.3 MOA+157 – Transport insurance value

Segment:	MOA	Serial no.:11	Level:	1	Monetary amounts
		Status: D	Max. repet.:	1	
Function:	Describes the insurance value				
	Status at DHL	Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	D		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
MOA	MONETARY AMOUNT	M			
C516					
5025	Monetary amount type qualifier	M	an..3	157	157 = Insurance value
5004	Monetary amount	M	n..18	45.00	Amount
6345	Currency, coded	M	an..3	EUR	Currency code acc. to ISO 4217
Example:					
MOA+157:45.00:EUR'					
Explanations:					
	This segment is used for DHL Freight and procedure 99 to transfer the insurance value.				

4.2.6 FTX, Free text

4.2.6.1 FTX+AAA – Contents

Segment:	FTX	Serial no.:12	Level:	1	Free text
		Status: D	Max. repet.:	1	
Function:	Describes the content of a shipment (goods description)				
Status at DHL		Status DHL Freight	M		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	M		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	AAA	AAA = Goods description
4453	FREE TEXT FUNCTION CODE	N	an..3		
C107	TEXT REFERENCE	N			
C108	TEXT LITERAL	M			
4440	Free text value	M	an..70	ELECTRICALS	Goods description
Example:					
FTX+AAA+++ELECTRICALS'					
Explanations:					
	This segment is used for DHL Freight and procedure 99 to transfer the declaration of content of a shipment.				

4.2.6.2 FTX+ACB – Services/additional information

Segment:	FTX	Serial no.:13	Level:	1	Free text
		Status: D	Max. repet.:	14	
Function:	Describes the required service for procedure 99.				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	D		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	ACB	ACB = Service/additional information
4453	FREE TEXT FUNCTION CODE	N	an..3		
C107	TEXT REFERENCE	D			
4441	Free text value code	D	an..17		
C108	TEXT LITERAL	M			
4440	Free text value	M	an..70	D	Value added service code for procedure 99
Example:					
Procedure 99: FTX+ACB+++D'					
Explanations:					
	This segment is used to transmit services in procedure 99.				
4440	For codes for services for procedure 99 please refer to the respective product specifications.				

4.2.7 CNT, Control totals

4.2.7.1 CNT+7 – Total shipment weight

Segment:	CNT	Serial no.:15	Level:	1	Control totals
		Status: D	Max. repet.:	1	
Function:	Describes the total weight				
	Status at DHL	Status DHL Freight	M		
		Status procedure 01	O		
		Status procedure NN	O		
		Status procedure 53	O		
		Status procedure 54	O		
		Status procedure 72	O		
		Status procedure 99	M		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
CNT	CONTROL	M			
C270	CONTROL	M			
6069	Control total type code qualifier	M	an..3	7	7 = Total weight
6066	Control total value	M	n..18	15.00	Weight
6411	Measurement unit code	M	an..3	KGM	KGM = Kilogram
Example:					
CNT+7:0.31:KGM'					
Explanations:					
This segment is used to transmit the total weight of all packages of a message (UNH-UNT block!).					

4.2.7.2 CNT+11 – Shipment packages

Segment:	CNT	Serial no.:16	Level:	1	Control totals
		Status: M	Max. repet.:	1	
Function:	Indicates the number of packages				
	Status at DHL	Status DHL Freight	M		
		Status procedure 01	A		
		Status procedure NN	A		
		Status procedure 53	A		
		Status procedure 54	A		
		Status procedure 72	M		
		Status procedure 99	M		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
CNT	CONTROL	M			
C270	CONTROL	M			
6069	Control total type code qualifier	M	an..3	11	11 = Packages
6066	Control total value	M	n..18	45	Number
Example:					
CNT+11:45'					
Explanations:					
This segment is used to specify the number of packages transferred in the message (UNH-UNT block!).					

4.2.7.3 CNT+15 – Total volume of shipment

Segment:	CNT	Serial no.:17	Level:	1	Control totals
		Status: D	Max. repet.:	1	
Function:	Describes the total volume				
	Status at DHL	Status DHL Freight	D		
		Status procedure 01	O		
		Status procedure NN	O		
		Status procedure 53	O		
		Status procedure 54	O		
		Status procedure 72	O		
		Status procedure 99	M		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
CNT	CONTROL	M			
C270	Control total type code qualifier	M	an..3	15	15 = Volume
6069	Control total value	M	n..18	0.123	Volume
6066	Control total value	M	n..18	0.123	Volume
6411	Measurement unit code	M	an..3	MTQ	MTQ = Cubic metre
Example:					
CNT+15:0.123:MTQ'					
Explanations:					
This segment is used to transmit the total volume of the packages contained in a message.					

4.3 Segment group 1

4.3.1 SG1 – LOC, Place/location identification

Segment group:	1	Status: D	Max. repet.: 1	LOC	
Segment:	LOC	Serial no.:18	Level: 1	Place/location identification	
		Status: D	Max. repet.: 1		
Function:	Describes the transfer type of the shipments				
Status at DHL		Status DHL Freight	O		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
LOC					
3227	LOCATION FUNCTION CODE QUALIFIER	M	an..3	10	10 = Transfer type
C517	LOCATION IDENTIFICATION	M			
3225	Location name code	M	an..25	03	Code for transfer type
Example: LOC+10+03'					
Explanations:					
Trigger segment to trigger segment group 1					
3225	This element contains the code for the transfer type (pick-up run, self-pick-up). For details, see “Annex for the creation of an electronic posting list”, Section 2.1				

4.4 Segment group 2

4.4.1 SG 2 – TOD, Terms of delivery

Segment group:	2	Status: M	Max. repet.: 1	TOD-LOC	
Segment:	TOD	Serial no.:19	Level: 1	Terms of delivery	
		Status: M	Max. repet.: 1		
Function:	Describes the terms of delivery or transport				
Status at DHL	Status DHL Freight		M		
	Status procedure 01		M		
	Status procedure NN		M		
	Status procedure 53		M		
	Status procedure 54		M		
	Status procedure 72		N		
	Status procedure 99		M		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
TOD					
4055	DELIVERY OR TRANSPORT FORM FUNCTION CODE	M	an..3	6	6 = Terms of delivery or transport
4215	TRANSPORT CHARGES PAYMENT METHOD CODE	N	an..3		
C100	TERMS OF DELIVERY OR TRANSPORT	M			
4053	Delivery or transport terms description code	M	an..3	DDU 1	Procedure 99 All other procedures
1131	Code list identification code	N	an..17		
3055	Code list responsible agency code	N	an..3		
4052	Delivery or transport terms description	N	an..70		
4052	Delivery or transport terms description	N	an..70		
Example:					
Procedure 99:		TOD+6++DDU'			
All other procedures:		TOD+6++1'			
Explanations:					
4053	Terms of delivery used for procedure 99 (e.g. INCOTERM). For further information on the specification of postage types for EU countries, non-EU countries and EU special territories please refer to the respective product specifications. All other procedures "1".				

4.4.2 SG 2 – LOC, Place/location identification

Segment group:	2	Status: M	Max. repet.: 1	TOD-LOC	
Segment:	LOC	Serial no.:20 Status: D	Level: 2 Max. repet.: 1	Place/location identification	
Function:	Describes location details for the export depot				
Status at DHL		Status DHL Freight	O		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
LOC					
3227	LOCATION FUNCTION CODE QUALIFIER	M	an..3	19	19 = Posting office
C517	LOCATION IDENTIFICATION	M			
3225	Location name code	M	an..25	6478	4-digit code for posting office
1131	Code list identification code	N	an..17		
3055	Code list responsible agency code	M	an..3	21	21 = Assigned by the transport company
Example:					
LOC+19+6593::21'					
Explanations:					
3225	For list of posting offices (4-digit), see “Annex for the creation of an electronic posting list”, Section 2.8				

4.5 Segment group 3

4.5.1 SG 3 – RFF, References

4.5.1.1 RFF+IL – Procedure

Segment group:	3	Status: D 13	Max. repet.: 13	RFF	
Segment:	RFF	Serial no.:21 Status: D	Level: Max. repet.: 1	1	References
Function:	Describes the procedure used				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
RFF					
C506	REFERENCE	M			
1153	Reference code qualifier	M	an..3	IL	IL = Procedure
1154	Reference identifier	M	an..70	53	Procedure (2 digits)
Example: RFF+IL:53'					
Explanations: 1154 Contains the procedure (2 digits) (01, NN, etc.)					

4.5.1.2 RFF+AAD – Participation

Segment group:	3	Status: D 13	Max. repet.: 13	RFF	
Segment:	RFF	Serial no.:22 Status: D	Level: Max. repet.: 1 1	References	
Function:	Describes the participation				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
RFF					
C506	REFERENCE	M			
1153	Reference code qualifier	M	an..3	AAD	AAD = Participation
1154	Reference identifier	M	an..70	02	Participation (2 digits)
Example: RFF+AAD:01'					
Explanations:					
1154	Contains the participation. For details please refer to the respective product specifications.				

4.5.1.3 RFF+IV – Billing number

Segment group:	3	Status: D	Max. repet.: 13	RFF	
Segment:	RFF	Serial no.:23	Level: 1	References	
		Status: D	Max. repet.: 1		
Function:	Describes the billing number				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	O		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
RFF					
C506	REFERENCE	M			
1153	Reference code qualifier	M	an..3	IV	IV = Billing number
1154	Reference identifier	M	an..70	5012345678NN02	Billing number
Example:					
RFF+IV:5012345678NN02' Example relating to procedures 01, NN, 53, 54 and 72					
RFF+IV:951527984' Example relating to procedure 99					
Explanations:					
1154	Contains the billing number (this is made up of EKP, procedure and participation) in procedures 01, NN, 53, 54 and 72. For details please see the respective product specifications.				
	Contains the payer account number for procedure 99 (For details please refer to the respective product specifications).				

4.5.1.4 RFF+ON – Order reference

Segment group:	3	Status: D	Max. repet.: 13	RFF	
Segment:	RFF	Serial no.:24	Level: 1	References	
		Status: D	Max. repet.: 1		
Function:	Contains the customer-specific order reference (this is valid for the entire message)				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	O		
		Status procedure NN	O		
		Status procedure 53	O		
		Status procedure 54	O		
		Status procedure 72	O		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
RFF					
C506	REFERENCE	M			
1153	Reference code qualifier	M	an..3	ON	ON = Order reference
1154	Reference identifier	M	an..70	Order 4711	Order reference
Example:					
RFF+ON:Order 4711'					
Explanations:					
1154	Contains an order reference number which is valid for the entire message.				
	It may be indicated for all procedures, but it will not be stated on the invoice as an order-related reference.				

4.5.1.5 RFF+SRN – Shipment reference

Segment group:	3	Status: D 13	Max. repet.: 1	RFF	
Segment:	RFF	Serial no.:25 Status: D	Level: 1 Max. repet.: 1	References	
Function:	Describes the shipment reference (this is valid for the entire message)				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	O		
		Status procedure NN	O		
		Status procedure 53	O		
		Status procedure 54	O		
		Status procedure 72	O		
		Status procedure 99	D		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
RFF					
C506	REFERENCE	M			
1153	Reference code qualifier	M	an..3	SRN	SRN = Shipment reference
1154	Reference identifier	M	an..70	Order 4711	Shipment reference
Example: RFF+SRN:Order 4711'					
Explanations:					
1154	Contains the shipment reference which is valid for the entire message If a shipment reference is delivered for procedure 99, this will be shown on the invoice. It may be indicated for all procedures, but it will not be stated on the invoice as an order-related reference.				

4.5.1.6 RFF+VAN – VAT no. of the recipient

Segment group:	3	Status: D 13	Max. repet.: 1	RFF	
Segment:	RFF	Serial no.:27 Status: D	Level: Max. repet.: 1	References	
Function:	Describes the value-added tax ID number (VAT no.) for the recipient				
Status at DHL		Status DHL Freight	O		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	O		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
RFF					
C506	REFERENCE	M			
1153	Reference code qualifier	M	an..3	VAN	VAN = VAT no. Recipient
1154	Reference identifier	M	an..70	DE123455	VAT no.
Example: RFF+VAN:DE123455'					
Explanations: Contains the VAT no. of the recipient. For details please refer to the respective product specifications.					

4.5.1.7 RFF+VAZ – VAT no. of the sender

Segment group:	3	Status: D 13	Max. repet.: 1	RFF	
Segment:	RFF	Serial no.:28 Status: D	Level: Max. repet.: 1	References	
Function:	Describes the value-added tax ID number (VAT no.) for the sender				
Status at DHL		Status DHL Freight	O		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	O		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
RFF	REFERENCE	M			
C506	Reference code qualifier	M	an..3	VAZ	VAZ = VAT no. Sender
1153	Reference identifier	M	an..70	DE123455	VAT no.
Example: RFF+VAZ:DE123455'					
Explanations: Contains the VAT no. of the sender. For details please refer to the respective product specifications.					

4.6 Segment group 4

4.6.1 SG 4 – GOR, Governmental requirements

Segment group:	4	Status: D	Max. repet.: 1	GOR-LOC-FTX	
Segment:	GOR	Serial no.:29	Level: 1	Governmental requirements	
		Status: D	Max. repet.: 1		
Function:	Describes the customs procedures and/or procedures of other government authorities				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	D		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
GOR					
8323	TRANSPORT MOVEMENT CODE	N			
C232	GOVERNMENT ACTION	M			
9415	Government agency identification code	M		5	5 = Customs
Example: GOR++5'					
Explanations: Is required for dutiable shipments for DHL Freight and procedure 99 (trigger segment to initiate customs clearance process)					

4.6.2 SG 4 – LOC, Place/location identification

Segment group:	4	Status: D	Max. repet.: 1	GOR-LOC-FTX	
Segment:	LOC	Serial no.:30	Level: 2	Place/location identification	
		Status: D	Max. repet.: 1		
Function:	Describes location details regarding the country of origin of the goods				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	D		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
LOC 3227	LOCATION FUNCTION CODE QUALIFIER	M	an..3	27	27 = Country of origin of the goods
C517 3225	LOCATION IDENTIFICATION Location name code	M M	an..25	DE	2-digit alphanumeric country code acc. to ISO 3166
Example: LOC+27+DE'					
Explanations: This segment is required for dutiable shipments to specify the country of origin of the goods.					

4.6.3 SG 4 – FTX, Free text

4.6.3.1 FTX+AAA – Contents

Segment group:	4	Status: D	Max. repet.: 1	GOR-LOC-FTX	
Segment:	FTX	Serial no.:31	Level: 2	Free text	
		Status: D	Max. repet.: 1		
Function:	Describes the contents of the shipment				
	Status at DHL	Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	AAA	AAA = Goods description
4453	FREE TEXT FUNCTION CODE	N	an..3		
C107	TEXT REFERENCE	O			
4441	Free text value coded	O	an..17	20	Number of goods items
C108	TEXT LITERAL	M			
4440	Free text value	M	an..512	CARTYRES	Goods description
3453	LANGUAGE NAME CODED	M	an..3	DE	Language of the goods description (here German)
Example:					
FTX+AAA++20+CARTYRES+DE'					
Explanations:					
This segment is required for dutiable shipments to specify the goods description					

4.6.3.2 FTX+AAH – Customs tariff number

Segment group:	4	Status: D	Max. repet.: 1	GOR-LOC-FTX	
Segment:	FTX	Serial no.:32	Level: 2	Free text	
		Status: D	Max. repet.: 1		
Function:	Describes the customs tariff number of the goods				
Status at DHL	Status DHL Freight		D		
	Status procedure 01		N		
	Status procedure NN		N		
	Status procedure 53		N		
	Status procedure 54		N		
	Status procedure 72		N		
	Status procedure 99		D		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	AAH	AAH = Customs information
4453	FREE TEXT FUNCTION CODE	N	an..3		
C107	TEXT REFERENCE	M			
4441	Free text value coded	M	an..17	1234567890	Customs tariff number
Example:					
FTX+AAH++1234567890'					
Explanations:					
This segment is required for dutiable shipments to specify the customs tariff number.					

4.6.3.3 FTX+CCI – Instructions for collective customs clearance

Segment group:	4	Status: D	Max. repet.: 1	GOR-LOC-FTX	
Segment:	FTX	Serial no.:33	Level: 2	Free text	
		Status: D	Max. repet.: 1		
Function:	Describes instructions for collective customs clearance				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	CCI	CCI = Collective customs clearance
4453	FREE TEXT FUNCTION CODE	N	an..3		
C107	TEXT REFERENCE	M			
4441	Free text value coded	M	an..17	301	Code for collective customs clearance
Example: FTX+CCI++301'					
Explanations: This segment is required for dutiable shipments for DHL Freight where collective customs clearance is requested.					

4.6.3.4 FTX+ABN – Collective invoice number

Segment group:	4	Status: D	Max. repet.: 1	GOR-LOC-FTX	
Segment:	FTX	Serial no.:34	Level: 2	Free text	
		Status: D	Max. repet.: 1		
Function:	Describes the collective invoice number for collective customs clearance				
Status at DHL	Status DHL Freight		D		
	Status procedure 01		N		
	Status procedure NN		N		
	Status procedure 53		N		
	Status procedure 54		N		
	Status procedure 72		N		
	Status procedure 99		N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	ABN	ABN = Collective invoice number
4453	FREE TEXT FUNCTION CODE	N	an..3		
C107	TEXT REFERENCE	M		RG 1234567	Collective invoice number
4441	Free text value coded	M	an..17		
Example: FTX+ABN++RG 1234567'					
Explanations: This segment is required for dutiable shipments for DHL Freight where collective customs clearance is requested. It provides the collective invoice number.					

4.7 Segment group 11

4.7.1 SG 11 – NAD, Name and address

4.7.1.1 NAD + OS – Customer

Segment group:	11	Status: M	Max. repet.: 9	NAD-LOC-SG12-SG13	
Segment:	NAD	Serial no.:35 Status: D	Level: 1 Max. repet.: 1	Name and address	
Function:	Describes the customer of the transport				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
NAD 3035	PARTY FUNCTION CODE QUALIFIER	M	an..3	OS	OS = Customer
C082 3039	PARTY IDENTIFICATION DETAILS Party identification	M D	an..17	5012345678	For procedure 72 only the Express customer number (not the EKP number) for the customer may be used. Otherwise the field is left blank. For all other procedures, please indicate the 10-digit EKP number of the customer in the NAD+OS segment. For further information on the indication of the partner identification, please refer to the respective product specifications.
C058 C080	NAME AND ADDRESS PARTY NAME	N M			
3036 3036	Party name Party name	M O	an..35 an..35	MUELLER AG EXPORT DEPARTMENT	Sender name Sender name line 2
3036	Party name	O	an..35		Sender name line 3
C059	STREET	M			
3042 3042 3042	Street and number / PO Box Street and number / PO Box Street and number / PO Box	M D D	an..35 an..35 an..35	HILPERTSTRASSE 31	Street and house number Street and house number line 2 Street and house number line 3
3164	CITY NAME	M	an..35	DARMSTADT	Name of town/city
C819	COUNTRY SUB-ENTITY IDENTIFICATION	N			
3251	POSTCODE IDENTIFICATION	D	an..9	64295	Postal code (must be specified if the country has got postal code districts).
3207	COUNTRY, CODED	M	an..3	DE	Country code acc. to ISO 3166
Example:					
NAD+OS+5012345678++MUELLER AG:EXPORT DEPARTMENT+HILPERTSTRASSE 31+DARMSTADT++64295+DE'					
Explanations:					
This segment is used for procedure 01/NN, procedure 53, procedure 54 and procedure 72 in order to specify the customer.					

4.7.1.2 NAD+CZ – Sender/poster address

Segment group:	11	Status: M	Max. repet.: 9	NAD-LOC-SG12-SG13	
Segment:	NAD	Serial no.:36	Level: 1	Name and address	
		Status: D	Max. repet.: 1		
Function:	Describes the sender/poster of the shipments				
Status at DHL		Status DHL Freight	M		
		Status procedure 01	O		
		Status procedure NN	O		
		Status procedure 53	O		
		Status procedure 54	O		
		Status procedure 72	O		
		Status procedure 99	M		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
NAD					
3035	PARTY FUNCTION CODE QUALIFIER	M	an..3	CZ	CZ = Poster/sender
C082	PARTY IDENTIFICATION DETAILS	M			
3039	Party identification	M	an..17	141234567	Customer number for procedure 99
C058	NAME AND ADDRESS	N			
C080	PARTY NAME	M			
3036	Party name	M	an..35	MUELLER AG	Sender name
3036	Party name	D	an..35	EXPORT DEPARTMENT	Sender name line 2
3036	Party name	D	an..35		Sender name line 3
C059	STREET	M			
3042	Street and number / PO Box	M	an..35	HILPERTSTRASSE 31	Street and house number
3042	Street and number / PO Box	D	an..35		Street and house number line 2
3042	Street and number / PO Box	D	an..35		Street and house number line 3
3164	CITY NAME	M	an..35	DARMSTADT	Name of town/city
C819	COUNTRY SUB-ENTITY IDENTIFICATION	N			
3251	POSTCODE IDENTIFICATION	D	an..9	64295	Postal code (Mandatory entry if the country has got postal code districts).
3207	COUNTRY, CODED	M	an..3	DE	Country code acc. to ISO 3166
Example:					
NAD+CZ+141234567++MUELLER AG:EXPORT DEPARTMENT+HILPERTSTRASSE 31+DARMSTADT++64295+DE'					
Explanations:					
This segment is used in the case of procedure 99 to specify the sender.					
This segment is used in the case of procedure 01, procedure 53, procedure 54 and procedure 72 in order to specify a poster differing from the sender (see NAD+OS).					
3039	For procedure 99, the customer number to which the transport should be charged is transferred here (prepaid or carriage forward customer number)				

4.7.1.3 NAD+CN – Recipient address

Segment group:	11	Status: M	Max. repet.: 9	NAD-LOC-SG12-SG13	
Segment:	NAD	Serial no.:37	Level: 1	Name and address	
		Status: D	Max. repet.: 1		
Function:	Describes the recipient				
Status at DHL		Status DHL Freight	M		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	M		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
NAD					
3035	PARTY FUNCTION CODE QUALIFIER	M	an..3	CN	CN = Recipient
C082	PARTY IDENTIFICATION DETAILS	O			
3039	Party identification	O	an..17		
C058	NAME AND ADDRESS	N			
C080	PARTY NAME	M			
3036	Party name	M	an..35	CONSIGNEE INC.	Recipient name
3036	Party name	D	an..35	RIVER BUILDING	Recipient name line 2
3036	Party name	D	an..35	2nd FLOOR	Recipient name line 3
C059	STREET	M			
3042	Street and number / PO Box	M	an..35	175 PARK LANE	Street and house number The house number must be restricted to 5 characters in the electronic shipment data.
3042	Street and number / PO Box	D	an..35		Street and house number line 2 The house number must be restricted to 5 characters in the electronic shipment data.
3042	Street and number / PO Box	D	an..35		Street and house number line 3 The house number must be restricted to 5 characters in the electronic shipment data.
3164	CITY NAME	M	an..35	NEW YORK	Name of town/city
C819	COUNTRY SUB-ENTITY IDENTIFICATION	N			
3251	POSTCODE IDENTIFICATION	D	an..9	10015	Postal code (Mandatory entry if the country has got postal code districts).
3207	COUNTRY, CODED	M	an..3	US	Country code acc. to ISO 3166
Example:					
NAD+CN+++CONSIGNEE INC.:RIVER BUILDING: 2nd FLOOR++175 PARK LANE+NEW YORK++10015+US'					
Explanations:					
This segment specifies the recipient for procedure 99.					
3251	The postal code of the recipient is a mandatory entry for all recipient countries with a postal code system.				

4.7.1.4 NAD+ZZZ – Return address

Segment group:	11	Status: M	Max. repet.: 9	NAD-LOC-SG12-SG13	
Segment:	NAD	Serial no.:38	Level: 1	Name and address	
		Status: D	Max. repet.: 1		
Function:	Describes the return recipient				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	D		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
NAD					
3035	PARTY FUNCTION CODE QUALIFIER	M	an..3	ZZZ	ZZZ = Return recipient
C082	PARTY IDENTIFICATION DETAILS	N			
3039	Party identification	N	an..17		
C058	NAME AND ADDRESS	N			
C080	PARTY NAME	M			
3036	Party name	M	an..35	MUELLER AG	Sender name
3036	Party name	D	an..35	IMPORT DEPARTMENT	Sender name line 2
3036	Party name	D	an..35		Sender name line 3
C059	STREET	M			
3042	Street and number / PO Box	M	an..35	MUSTERSTRASSE 31	Street and house number
3042	Street and number / PO Box	D	an..35		Street and house number line 2
3042	Street and number / PO Box	D	an..35		Street and house number line 3
3164	CITY NAME	M	an..35	WIEN	Name of town/city
C819	COUNTRY SUB-ENTITY IDENTIFICATION	N			
3251	POSTCODE IDENTIFICATION	D	an..9	1010	Postal code (Mandatory entry if the country has got postal code districts).
3207	COUNTRY, CODED	M	an..3	AT	Country code acc. to ISO 3166 (Mandatory entry if the country has got postal code districts).
Example:					
NAD+ZZZ+++MUELLER AG:IMPORT DEPARTMENT+MUSTERSTRASSE 31+WIEN++1010+AT'					
Explanations:					
If a return recipient is required in procedure 54, all packages of a billing number and a return recipient are combined in a separate message.					
3251	The postal code of the return recipient is a mandatory entry for all recipient countries with a postal code system.				

4.7.2 SG 11 – LOC, Place/location identification

Segment group:	11	Status: M	Max. repet.:	1	NAD-LOC-SG12-SG13	
Segment:	LOC	Serial no.:39	Level:	2	Place/location identification	
		Status: D	Max. repet.:	1		
Function:	Describes the destination of the shipment					
Status at DHL		Status DHL Freight	N			
		Status procedure 01	N			
		Status procedure NN	N			
		Status procedure 53	N			
		Status procedure 54	N			
		Status procedure 72	N			
		Status procedure 99	M			
EDIFACT				Application		
	Title	St	Format	Example	Comment/note	
LOC						
3227	LOCATION FUNCTION CODE QUALIFIER	M	an..3	8	8 = Destination	
C517	LOCATION IDENTIFICATION	M				
3225	Location name code	M	an..25	BE/DHL/BRU/BRU		
1131	Code list identification code	N	an..17			
3055	Code list responsible agency code	M	an..3	87	87 = Assigned by the transport company	
Example:						
LOC+8+BE/DHL/BRU::87'						
Explanations:						
This segment is used for procedure 99 to transmit the destination of the shipment. For details please refer to the respective product specifications.						

4.7.3 Segment group 12

4.7.3.1 SG 12 – CTA, Contact information

Segment group:	11	Status: M	Max. repet.: 1	NAD-LOC-SG12-SG13	
Segment group	12	Status: D	Max. repet.: 1	CTA-COM	
Segment:	CTA	Serial no.:40 Status: D	Level: 2 Max. repet.: 1	Contact information	
Function:	Describes the contact person				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	D		
		Status procedure NN	O		
		Status procedure 53	O		
		Status procedure 54	O		
		Status procedure 72	D		
		Status procedure 99	M		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
CTA 3139 C056	CONTACT FUNCTION CODE DEPARTMENT OR EMPLOYEE DETAILS	M M	an..3	AC	AC = Contact name
3413	Department or Employee name code	D	an..17		With procedure 01 in conjunction with "Regionalpaket", an entry must be made in DE 3413. Please refer to the additional information in the respective product specifications. Note: Contact information (e.g. name of contact) must only be handed over in the following data element 3412.
3412	Department or employee name	D	an..35	Mr Mueller	Contact person: If a contact person must be named (see status information), the name must only be specified in DE 3412. Important note: For procedure 72 the sender ID is stated within the "SMS delivery notification" ident service. Please refer to the glossary and the latest product specifications for further information.
Example: CTA+AC+:Mr Mueller'					
Explanations: Procedure 99 A contact must be entered for shipper and recipient. All other Specifying a contact for the shipper is optional. If no contact exists, "N.A." must be entered in the field. procedures					

4.7.3.2 SG 12 – COM, Communication Contact

Segment group:	11	Status:	M	Max. repet.:	1	NAD-LOC-SG12-SG13		
Segment group	12	Status:	D	Max. repet.:	1	CTA-COM		
Segment:	COM	Serial no.:	41	Level:	3	Communication contact		
		Status:	D	Max. repet.:	3			
Function:	Describes the telephone number, fax number, e-mail address							
Status at DHL		Status DHL Freight	D					
		Status procedure 01	O					
		Status procedure NN	O					
		Status procedure 53	O					
		Status procedure 54	O					
		Status procedure 72	O					
		Status procedure 99	M					
EDIFACT					Application			
	Title	St	Format	Example	Comment/note			
COM	COMMUNICATION CONTACT		M					
C076	Communication address identifier		M	an..512	empfaenger@test.com	E-mail		
3148					06151-1372-807	Fax		
					06151-1372-800	Telephone		
3155	Communication address code qualifier		M	an..35	EM	EM = E-mail		
					FX	FX = Fax		
					TE	TE = Telephone		
Example:								
COM+recipient@test.com:EM'								
COM+?+49-6151-1372-807:FX'								
COM+06151-1372-800:TE'								
Explanations:								
If a COM segment is delivered, a CTA+AC segment must also be delivered (CTA is a trigger segment for SG 12)								
Proc. 99	For procedure 99, it is mandatory to specify at least one communication contact for the shipper and for the recipient.							
	For procedure 99 the information of at least one telephone number for carriage forward shipments must be specified.							

4.7.4 Segment group 13

4.7.4.1 SG 13 – DOC, Documents/message details

Segment group:	11	Status: M	Max. repet.:	1	NAD-LOC-SG12-SG13	
Segment group	13	Status: D	Max. repet.:	9	DOC	
Segment:	DOC	Serial no.:42	Level:	3	Documents/message details	
		Status: D	Max. repet.:	1		
Function:	Specifies the contract and transport terms and conditions.					
Status at DHL		Status DHL Freight	D			
		Status procedure 01	N			
		Status procedure NN	N			
		Status procedure 53	N			
		Status procedure 54	N			
		Status procedure 72	N			
		Status procedure 99	D			
EDIFACT				Application		
	Title	St	Format	Example	Comment/note	
DOC C002 1001	DOCUMENT MESSAGE NAME Document name code	M M	an..3	821 722	18 = A.TR.1 821 = T1 822 = T2 823 = T5 861 = Certificate of origin 952 = TIR Carnet 953 = EC Carnet 954 = EUR 1 955 = ATA Carnet ...	
C503 1004	DOCUMENT / MESSAGE DETAILS Document identifier	M M	an..35	817294	Document number	
Example:						
DOC+821+817294'						
DOC+722+817294'						
Explanations:						
This segment is used in order to transmit the customs documents (T-papers, carnet, etc.) incl. the associated document number.						
Explanations:						
Proc. 99 For procedure 99, this segment is used in conjunction with the qualifier 722 (to the sender) to transfer the commercial invoice number.						

4.8 Segment group 18

4.8.1 SG 18 – GID, Goods item details

Segment group:	18	Status: M	Max. repet.: 999	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment:	GID	Serial no.:43	Level: 1	Goods/item details	
		Status: M	Max. repet.: 1		
Function:	Describes the individual packages				
Status at DHL		Status DHL Freight	M		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	M		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
GID	GOODS ITEM NUMBER	M	an..5	1	Consecutive number per package within the message
1496					
C213		M			
7224	Package quantity	M	an..25	1	Number of packages of this item
7065	Package type description code	M	an..17	PK	
For possible types of packaging please refer to the respective product specifications.					
Example: GID+1+1:PK'					
Explanations:					
1496	Number of the package (1 to 999)				
7224	Number of packages always 1 except in the case of procedure 72 multi-parcel				
7065	For possible types of packaging please refer to the respective product specifications.				

4.8.2 SG 18 – MOA, Monetary Amounts

4.8.2.1 MOA+22 – COD amount

Segment group:	18	Status: M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Segment:	MOA	Serial no.:44	Level:	2	Monetary Amounts
		Status: D	Max. repet.:	1	
Function:	Describes the cash-on-delivery amount.				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	D		
		Status procedure NN	M		
		Status procedure 53	D		
		Status procedure 54	N		
		Status procedure 72	D		
		Status procedure 99	N		
		EDIFACT			
	Title	St	Format	Example	Comment/note
MOA					
C516	MONETARY AMOUNT	M			
5025	Monetary amount type qualifier	M	an..3	22	22 = COD amount
5004	Monetary amount	M	n..18	1500.00	COD amount
6345	Currency, coded	M	an..3	EUR	Currency code acc. to ISO 4217
Example:					
MOA+22:1500.00:EUR'					
Explanations:					
This segment is only used in conjunction with cash on delivery.					

4.8.2.2 MOA+43 – Customs value

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment:	MOA	Serial no.:45	Level: 2	Monetary Amounts	
		Status: D	Max. repet.: 1		
Function:	Describes the customs value				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	D		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
MOA					
C516	MONETARY AMOUNT	M			
5025	Monetary amount type qualifier	M	an..3	43	43 = Customs value
5004	Monetary amount	M	n..18	1100.00	Customs value
6345	Currency, coded	M	an..3	EUR	Currency code acc. to ISO 4217
Example:					
MOA+43:1500.00:EUR'					
Explanations:					
This segment is used for procedure 54 in order to specify the goods value of dutiable shipments.					

4.8.2.3 MOA+157 – Transport insurance value

Segment group:	18	Status: M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Segment:	MOA	Serial no.:46	Level:	2	Monetary Amounts
		Status: D	Max. repet.:	1	
Function:	Describes the transport insurance amount				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	D		
		Status procedure 54	D		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
MOA					
C516	MONETARY AMOUNT	M			
5025	Monetary amount type qualifier	M	an..3	157	157 = Transport insurance
5004	Monetary amount	M	n..18	1100.00	Insurance value
6345	Currency, coded	M	an..3	EUR	Currency code acc. to ISO 4217
Example:					
MOA+157:1500.00:EUR'					
Explanations:					
This segment is used for procedure 53 and procedure 54 in conjunction with customer-specific transport insurance.					

4.8.3 SG 18 – PIA, Additional product ID

Segment group:	18	Status: M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Segment:	PIA	Serial no.:47	Level:	2	Additional product ID
		Status: D	Max. repet.:	1	
Function:	Describes the product key				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
PIA 4347	PRODUCT IDENTIFIER CODE QUALIFIER	M	an..3	1	1= Additional information
C212 7140	ITEM NUMBER IDENTIFICATION Item identifier	M M	an..35	48626	Product key
Example: PIA+1+48626'					
Explanations: The product key is transferred here for procedure 01/NN, procedure 53, procedure 54 and procedure 72. For details please see the respective product specifications.					

4.8.4 SG 18 – FTX, Free text

4.8.4.1 FTX+ACB – Additional information

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment:	FTX	Serial no.:48	Level: 2	Free text	
		Status: D	Max. repet.: 1		
Function:	Describes the additional information				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	D		
		Status procedure NN	D		
		Status procedure 53	D		
		Status procedure 54	D		
		Status procedure 72	D		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3		ACB = Service
4453	FREE TEXT FUNCTION CODE	N	an..3		
C107	TEXT REFERENCE	M			
4441	Free text value code	M	an..17		Service attribute
C108	TEXT LITERAL	M			
4440	Free text value	M	an..512		Service attribute
Example: FTX+ACB++DDP+C' FTX+ACB++ZI54+301'					
Explanations: For procedures 01, NN, 53, 54 and 72, additional information will be indicated (e.g. Direct injection, By-Pass pickup, etc.). Furthermore, postage types will be indicated in conjunction with dutiable and non-dutiable shipments. Please refer to the respective product specifications to receive details how to indicate the requested information. Note in connection with collective customs clearance: With collective customs clearance in procedure 54, a "By-Pass pickup" is mandatory.					

4.8.4.2 FTX+PMD – Accounting entry text for cash on delivery

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment:	FTX	Serial no.:49	Level: 2	Free text	
		Status: D	Max. repet.: 1		
Function:	Describes the accounting entry text in conjunction with COD				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	D		
		Status procedure NN	M		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	PMD	PMD = Accounting entry text
4453	FREE TEXT FUNCTION CODE	N	an..3		
C107	TEXT REFERENCE	N			

Segment group:	18	Status: M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment:	FTX	Serial no.:49	Level:	2	Free text	
		Status: D	Max. repet.:	1		
Function:	Describes the accounting entry text in conjunction with COD					
Status at DHL		Status DHL Freight	N			
		Status procedure 01	D			
		Status procedure NN	M			
		Status procedure 53	N			
		Status procedure 54	N			
		Status procedure 72	N			
		Status procedure 99	N			
EDIFACT				Application		
	Title	St	Format	Example	Comment/note	
4441	Free text value code	N				
C108	TEXT LITERAL	M				
4440	Free text value	M	an..512	ACCOUNTING ENTRY TEXT	Accounting entry text of no more than 70 characters	
Example:						
FTX+PMD+++ACCOUNTING ENTRY TEXT'						
Explanations:						
This is mandatory for procedure 01/NN in case of COD.						

4.8.4.3 FTX+DEL – Advice information

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment:	FTX	Serial no.:50	Level: 2	Free text	
		Status: D	Max. repet.: 10		
Function:	Describes the accounting entry text in conjunction with COD				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	D		
		Status procedure NN	D		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	DEL	DEL = Information on the delivery
4453	FREE TEXT FUNCTION CODE	D	an..2	A1	Module or notification type
					Mandatory for notification and ParcelAlert in conjunction with procedure 01 and NN.
					(Please refer to the Annex to the posting list)
C107	TEXT REFERENCE	D			
4441	Free text value code	M	an..17	Darmstadt	Delivery place (additional information)
					Only with module "C".
C108	TEXT LITERAL	M			
4440	Free text value	M	an..70	eMail@DHL.com	Notification recipient 1 (e-mail only)
4440	Free text value	C	an..70	eMail@DHL.com	Notification recipient 2 (e-mail only)
4440	Free text value	C	an..70	eMail@DHL.com	Notification recipient 3 (e-mail only)
					Only for ParcelAlert
4440	Free text value	C	an..70	eMail@DHL.com	Notification recipient 4 (e-mail only)
					Only for ParcelAlert
4440	Free text value	C	an..512		Attribute (reserve)

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment:	FTX	Serial no.:50 Status: D 10	Level: 2 Max. repet.: 10	Free text	
Function:	Describes the accounting entry text in conjunction with COD				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	D		
		Status procedure NN	D		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
3453	Language name, code	D	an..2	DE	Country code in accordance with ISO 3166, indicating the language for the notifications.
Example: FTX+DEL+A1++eMail1@DHL.com+DE' 					

4.8.4.4 FTX+ICN – Recipient information (parcel name for notifications)

Segment group:	18	Status: M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment:	FTX	Serial no.:51	Level:	2	Free text	
		Status: D	Max. repet.:	1		
Function:	Describes the accounting entry text in conjunction with COD					
Status at DHL		Status DHL Freight	N			
		Status procedure 01	D			
		Status procedure NN	D			
		Status procedure 53	N			
		Status procedure 54	N			
		Status procedure 72	N			
		Status procedure 99	N			
EDIFACT				Application		
	Title	St	Format	Example	Comment/note	
FTX						
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	ICN	ICN = Recipient information	
4453	FREE TEXT FUNCTION CODE	C				
C107	TEXT REFERENCE	C				
4441	Free text value code	M				
C108	TEXT LITERAL	C				
4440	Free text value	M	an..100	Parcel name	Parcel name for notification request Contains a name of the parcel which can be issued by the customer. Only for ParcelAlert	
Example: FTX+ICN+++parcel name'						
Explanations:						

Segment group:	18	Status: M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Segment:	FTX	Serial no.:51	Level:	2	Free text
		Status: D	Max. repet.:	1	
Function:	Describes the accounting entry text in conjunction with COD				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	D		
		Status procedure NN	D		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
Parcel name for procedure 01/NN in conjunction with a notification request. Please consult the respective product specifications.					

4.8.4.5 FTX+ORI – IDP free text

Segment group:	18	Status: M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Segment:	FTX	Serial no.:49	Level:	2	Free text
		Status: D	Max. repet.:	1	
Function:	IDP free text				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	D		
		Status procedure NN	D		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3		ORI = IDP free text
4453	FREE TEXT FUNCTION CODE	N	an..3		
C107	TEXT REFERENCE	M			
4441	Free text value code	M	an..17		
C108	TEXT LITERAL	M			
4440	Free text value	M	an..50		IDP free text field 1
4440	Free text value	M	an..50		IDP free text field 2
Example:					
Explanations:					
In IDP free text field 1: Description text of a freely definable check criterion which can be stored by agreement with DHL. Up to 50 characters permitted.					
In IDP free text field 2: The field contains the text relating to the check criterion. Up to 50 characters permitted.					

4.8.4.6 FTX+AIQ – DHL advance parcel notification

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment:	FTX	Serial no.:49	Level: 2	Free text	
		Status: D	Max. repet.: 1		
Function:	Notification				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	D		
		Status procedure NN	D		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3		AIQ = Information on a party involved
4453	FREE TEXT FUNCTION CODE	N	an..3		
C107	TEXT REFERENCE	N			
4441	Free text value code	N	an..17		E-mail address of the advance parcel notification recipient
C108	TEXT LITERAL	M			
4440	Free text value	M	an..70		
Example:					
FTX+AIQ+++Address@Email.de'					
Explanations: By using this segment in procedures 01 and NN, the recipient is e-mailed an automatic advance notification (DHL advance parcel notification) on the day before his parcel shipment is delivered.					

4.8.5 Segment group 19

4.8.5.1 SG 19 – NAD, Name and address

4.8.5.1.1 NAD+CN – Recipient address

Segment group:	18	Status:	M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Segment group	19	Status:	D	Max. repet.:	9	NAD-DTM
Segment:	NAD	Serial no.:	52	Level:	2	Name and address
		Status:	D	Max. repet.:	1	
Function:	Specifies the recipient.					
Status at DHL	Status DHL Freight	N				
	Status procedure 01	M				
	Status procedure NN	M				
	Status procedure 53	M				
	Status procedure 54	M				
	Status procedure 72	M				
	Status procedure 99	N				
EDIFACT				Application		
	Title	St	Format	Example	Comment/note	
NAD	PARTY FUNCTION CODE	M	an..3	CN	CN = Recipient	
3035	QUALIFIER					
C082	PARTY IDENTIFICATION DETAILS	O				
3039	Party identification	M	an..17		A reference regarding the recipient may be indicated here.	
C058	NAME AND ADDRESS	N				
C080	PARTY NAME	M				
3036	Party name	M	an..35	MUELLER AG	Recipient name With "Eigenhändig plus" [Delivery to addressee only plus], the first name and surname of the recipient must be specified.	
3036	Party name	O	an..35	IMPORT DEPARTMENT	Recipient name line 2 When using the recipient service or addressing to Packstations, the personal 6 to 10-digit PostNumber of the recipient must be entered here.	
3036	Party name	O	an..35		Recipient name line 3	
3036	Party name	D	an..17	Müller	Contact 1	
Important note:						
For procedure 01/NN in conjunction with IDP, the surname must be specified.						
In procedure 72 in conjunction with "Unfreie Sendungen/Pakete" [Carriage forward shipments/parcels], the carriage forward customer number is mandatory.						

Segment group:	18	Status: M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Segment group	19	Status: D	Max. repet.:	9	NAD-DTM
Segment:	NAD	Serial no.:52	Level:	2	Name and address
		Status: D	Max. repet.:	1	
Function:	Specifies the recipient.				
	Status at DHL	Status DHL Freight	N		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
3036	Party name	D	an..35	Rainer	Contact 2
					Important note:
					For procedure 01/NN in conjunction with IDP, the first name is mandatory.
					In procedure 72 in conjunction with the "SMS Zustellavise" [SMS delivery notification] ident service the recipient's mobile number is specified here.
C059	STREET	M			
3042	Street / PO Box	M	an..35	HILPERTSTRASSE 31	When addressing items to Packstations, the term "Packstation" plus the Packstation number must be entered here.
3042	number / PO Box	D	n..5		House number
3042	Street PO Box	D	an..35		Street addition
3164	CITY NAME	M	an..35	DARMSTADT	Name of town/city
C819	COUNTRY SUB-ENTITY IDENTIFICATION	N			
3251	POSTCODE IDENTIFICATION	D	an..9	64295	Postal code (Mandatory entry if the country has got postal code districts).
3207	COUNTRY, CODED	M	an..3	DE	Country code acc. to ISO 3166
Example:					
NAD+CN+++MUELLER AG:IMPORT DEPARTMENT+HILPERTSTRASSE 31+DARMSTADT++64295+DE'					
Explanations:					
3251	The postal code of the recipient is a mandatory entry for all recipient countries with a postal code system.				
C080 for proc. 01/NN	For procedure 01/NN with the additional service "Eigenhändig plus" [Delivery to addressee only plus], the NAD+CN segment must have the following structure:				
	NAD+CN+++First name Surname:MUELLER AG:IMPORT DEPARTMENT+HILPERTSTRASSE;31+DARMSTADT++64295+DE'				
	For procedure 01/NN with the additional service "IDP" the NAD+CN segment must have the following structure.				
	NAD+CN+++First name Surname:MUELLER AG:IMPORT DEPARTMENT:Surname:First name+HILPERTSTRASSE:31+DARMSTADT++64295+DE'				

4.8.5.1.2 NAD+BF – Bank details

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment group	19	Status: D	Max. repet.: 9	NAD-DTM	
Segment:	NAD	Serial no.: 51 Status: D	Level: 2 Max. repet.: 1	Name and address	
Function:	Specifies the bank details in the case of paperless COD.				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	N		
		Status procedure NN	M		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
NAD					
3035	PARTY FUNCTION CODE QUALIFIER	M	an..3	BF	BF = Bank
C082	PARTY IDENTIFICATION DETAILS	D			
3039	Party identification	M	an..17	58550130	Bank sort code (without spaces)
C058	NAME AND ADDRESS	D			
3124	Party identification	M	an..35	PBNKDEFF380	BIC
C080	PARTY NAME	O			
3036	Party name	M	an..35	Sparkasse Koeln	Bank name
C059	STREET	N			
3164	CITY NAME	M	an..35	Cologne	City
Example:					
NAD+BF+58550130+PBNKDEFF380+Sparkasse Koeln++Cologne'					
Explanations:					
This segment is mandatory for procedure NN (paperless COD).					
Either the bank sort code or the BIC must be transferred.					
Up to and including 31 January 2014, only German bank details may be entered.					
The BIC must be entered without spaces.					

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4.8.5.1.3 NAD+BE – Account information

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment group	19	Status: D	Max. repet.: 9	NAD-DTM	
Segment:	NAD	Serial no.: 52	Level: 2	Name and address	
		Status: D	Max. repet.: 1		
Function:	Specifies the account number and the account holder.				
Status at DHL		Status DHL Freight N Status procedure 01 N Status procedure NN M Status procedure 53 N Status procedure 54 N Status procedure 72 N Status procedure 99 N			
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
NAD					
3035	PARTY FUNCTION CODE QUALIFIER	M	an..3	BE	BE = Account holder
C082	PARTY IDENTIFICATION DETAILS	D			
3039	Party identification	M	an..17	1234567890	Account number (without spaces)
C058	NAME AND ADDRESS	D			
3124	Party identification	M	an..35	DE21700519950000007229	IBAN
C080	PARTY NAME	C			
3036	Party name	M	an..35	MUELLER AG	Account holder
Example:					
NAD+BE+1234567890+DE21700519950000007229+MUELLER AG '					
Explanations:					
This segment is mandatory for procedure NN (paperless COD). Either the account number or the IBAN must be transferred. Up to and including 31 January 2014, only German bank details may be entered. The IBAN must be entered without spaces.					

4.8.5.1.4 NAD+TA – IDB/Recipient in person

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment group	19	Status: D	Max. repet.: 9	NAD-DTM	
Segment:	NAD	Serial no.:55	Level: 2	Name and address	
		Status: D	Max. repet.: 1		
Function:	Specifies the recipient for procedure 01/NN "Eigenhändig plus" [Delivery to addressee only plus] and IDP.				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	D		
		Status procedure NN	D		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
NAD					
3035	PARTY FUNCTION CODE QUALIFIER	M	an..3	TA	TA = Recipient in person
C082	PARTY IDENTIFICATION DETAILS	M			
3039	Party identification	M	an..35	12889221 1225 4555	Passport or ID card number Min. 2 – max. 20 digits
1131	Code List identification code	M	an..17	53	53 = Passport/ID card number
C058	NAME AND ADDRESS	M			
3124	Name and address description	M	an..35	01 02 04	For IDP: The field length differs from the IDP default length, it is restricted to 2 digits . The only valid values are 01, 02 or 04. 01 = ID card 02 = Passport 04 = internat. passport
3124	Name and address description	M	an..35	City of Darmstadt	Issuing authority
3124	Name and address description	M	an..35	Martin	For IDP: For procedure 01/NN, the first name must be specified here.
3124	Name and address description	M	an..35	Müller	For IDP: For procedure 01/NN, the surname must be specified here.
C080	PARTY NAME	M			
3036	Party name	M	an..1		The field length differs from the IDP default length, it is restricted to 17 digits .
3036	Party name	D	an..35		For IDP: Specification whether this relates to contract handling. 0 = No 1 = Yes
					For IDP: ID for the contract.

Segment group:	18	Status:	M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Segment group	19	Status:	D	Max. repet.:	9	NAD-DTM
Segment:	NAD	Serial no.:	55	Level:	2	Name and address
		Status:	D	Max. repet.:	1	
Function:	Specifies the recipient for procedure 01/NN "Eigenhändig plus" [Delivery to addressee only plus] and IDP.					
Status at DHL		Status DHL Freight	N			
		Status procedure 01	D			
		Status procedure NN	D			
		Status procedure 53	N			
		Status procedure 54	N			
		Status procedure 72	N			
		Status procedure 99	N			
EDIFACT					Application	
	Title	St	Format	Example	Comment/note	
3036	Party name	D	n..15		<u>For IDP:</u> The IDP-CONF field is a vector field. Each segment digit from left to right indicates a field to be checked. Note: Fields 11 and 13-15 are not used at present and must be filled with zeroes. For IDP. 1 Surname 2 First name 3 Date of birth 4 Minimum age 5 ID card type 6 ID card number 7 Registered address 8 Contract handling 9 Contract identifier 10 Nationality 12 Free text fields (see also IDP code list in the Annex).	
C059	STREET	M				
3042	Street and number / PO Box	M	an..35	HILPERTSTRASSE 31	<u>For IDP:</u> Street and house number of the registered address on the ID card.	
3042	Street and number / PO Box	M	an..35	City district	<u>For IDP:</u> City district of the registered address on the ID card	
3164	CITY NAME	M	an..35	DARMSTADT	<u>For IDP:</u> City of the registered address on the ID card.	
C819	COUNTRY SUB-ENTITY IDENTIFICATION	N				
3251	POSTCODE IDENTIFICATION	N	an..9			
3207	COUNTRY, CODED	D	an..2	DE	<u>For IDP:</u> Nationality of the recipient The 2-digit country code according to ISO 3166 is transferred here to specify the recipient's nationality.	
Example: Example of "Eigenhändig Plus" [Delivery to addressee only plus] NAD+TA+12889221 1225 4555:53+01:City of Darmstadt '						
Example: for IDP (from 2010) NAD+TA+12889221 1225 4555:53+01:City of Darmstadt:Martin:Müller+1:ID_IDP:11000000000000+Street 1:City district+Darmstadt++DE'						

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment group	19	Status: D	Max. repet.: 9	NAD-DTM	
Segment:	NAD	Serial no.:55	Level: 2	Name and address	
		Status: D	Max. repet.: 1		
Function:	Specifies the recipient for procedure 01/NN "Eigenhändig plus" [Delivery to addressee only plus] and IDP.				
	Status at DHL	Status DHL Freight	N		
		Status procedure 01	D		
		Status procedure NN	D		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
Explanations:					
	This segment is mandatory for procedure 01/NN in conjunction with "Eigenhändig Plus" [Delivery to addressee only plus] or IDP (from 2010).				

4.8.5.2 SG19 – DTM, Date/time/period

Segment group:	18	Status: M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Segment group	19	Status: D	Max. repet.:	9	NAD-DTM
Segment:	DTM	Serial no.:56	Level:	3	Date/time/period
		Status: D	Max. repet.:	1	
Function:	Specifies the minimum age and date of birth of the recipient for procedure 01/NN "Eigenhändig Plus" [Delivery to addressee only plus]				
Status at DHL	Status DHL Freight	N			
	Status procedure 01	D			
	Status procedure NN	D			
	Status procedure 53	N			
	Status procedure 54	N			
	Status procedure 72	N			
	Status procedure 99	N			
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
DTM	DATE/TIME/PERIOD	M			
C507	Date/time/period qualifier	M	an..3	329	329 = Date of birth
2005		M		656	656 = Minimum age
2380	Date/time/period	M	an..35	19701102	Date of birth
		M		18	Minimum age
2379	Date/time/period format qualifier	M	an..3	102	102 = Format CCYYMMDD
		M		601	601 = Format YY
Example:					
In this example, the complete structure of the NAD and DTM segments for "Eigenhändig plus" [Delivery to addressee only plus] and IDP is explained.					
Recipient: Hubert Mueller, Mueller AG, Hilpertstrasse 31, 64295 Darmstadt.					
ID card number: 1234567 999 123 – Issued by the city of Darmstadt.					
Date of birth: 2 November 1970					
Minimum age for a shipment to be handed over to recipient: 18 years					
NAD+CN+++Hubert Mueller:MUELLER AG+HILPERTSTRASSE 31+DARMSTADT++64295+DE'					
DTM+329:19701102:102'					
NAD+TA+1234567 999 123:53+01:City of Darmstadt'					
DTM+656:18:601'					
Explanations:					
This segment is mandatory for procedure 01/NN in case of "Eigenhändig plus" [Delivery to addressee only plus] and "IDP" in conjunction with age check.					

4.8.6 Segment group 20

4.8.6.1 SG 20 – MEA, Measurements

4.8.6.1.1 MEA+WT – Package weight

Segment group:	18	Status:	M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Segment group	20	Status:	M	Max. repet.:	2	MEA
Segment:	MEA	Serial no.:	57	Level:	2	Measurements
		Status:	M	Max. repet.:	1	
Function:	Specifies the weight of a package					
Status at DHL		Status DHL Freight	M			
		Status procedure 01	M			
		Status procedure NN	M			
		Status procedure 53	M			
		Status procedure 54	M			
		Status procedure 72	M			
		Status procedure 99	M			
EDIFACT			Application			
	Title	St	Format	Example	Comment/note	
MEA						
6311	MEASUREMENT APPLICATION QUALIFIER	M	an..3	WT	WT = Weight	
C502	MEASUREMENT DETAILS	M				
6313	Measured attribute code	M	an..3	AAE	AAE = Weight of package	
C174	VALUE/RANGE	M				
6411	Measure unit qualifier	M	an..3	KGM	KGM = Kilogram	
6314	Measurement value	M	an..18	5.505	Weight	
Example:						
MEA+WT+AAE+KGM:5.505'						
Explanations:						
6411	The weight is always specified in kilograms with up to 3 decimal places. For weight restrictions refer to the respective product specifications.					

4.8.6.1.2 MEA+VOL – Package volume

Segment group:	18	Status: M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Segment group	20	Status: D	Max. repet.:	2	MEA
Segment:	MEA	Serial no.:58	Level:	2	Measurements
		Status: D	Max. repet.:	1	
Function:	Specifies the volume of a package				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	A		
		Status procedure 72	D		
		Status procedure 99	M		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
MEA 6311	MEASUREMENT APPLICATION QUALIFIER	M	an..3	VOL	VOL = Volume
C502	MEASUREMENT DETAILS	M			
6313	Measured attribute code	M	an..3	AAW	AAW = Total volume of the package
C174	VALUE/RANGE	M			
6411	Measure unit qualifier	M	an..3	MTQ	MTQ = Cubic metre
6314	Measurement value	M	an..18	0.105	Volume
Example:					
MEA+VOL+AAW+MTQ:0.105'					
Explanations:					
In this segment the volume is specified with up to 3 decimal places for procedure 99 and DHL Freight if the package has a volumetric weight.					
With procedure 72, either the volume or the dimensions of the parcel must be provided.					
For details please see the respective product specifications.					

4.8.7 Segment group 21

4.8.7.1 SG 21 – DIM, Dimensions

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment group	21	Status: D	Max. repet.: 2	DIM	
Segment:	DIM	Serial no.:59	Level: 2	Dimensions	
		Status: D	Max. repet.: 1		
Function:	Specifies the weight of a package				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	A		
		Status procedure 72	D		
		Status procedure 99	M		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
MEA					
6145	DIMENSIONS TYPE CODE QUALIFIER	M	an..3	2	2 = Package dimensions
C211	DIMENSIONS	M			
6411	Measurement unit code	M	an..3	CMT	CMT = Centimetre
6168	Length	M	n..15	20	Length
6140	Width	M	n..15	30	Width
6008	Height	M	n..15	40	Height
Example:					
DIM+2+CMT:20:30:40'					
Explanations:					
6168	Dimensions of the package only in CMT without decimal places.				
6140	With procedure 72, either the volume or the dimensions of the parcel must be provided.				
6008					

4.8.8 Segment group 22

4.8.8.1 SG 22 – RFF, References

4.8.8.1.1 RFF+CU – Customer-specific reference

Segment group:	18	Status:	M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Segment group	22	Status:	D	Max. repet.:	9	RFF
Segment:	RFF	Serial no.:	60	Level:	2	References
		Status:	D	Max. repet.:	1	
Function:	Specifies the customer-specific reference for a package					
Status at DHL		Status DHL Freight	N			
		Status procedure 01	O			
		Status procedure NN	O			
		Status procedure 53	O			
		Status procedure 54	O			
		Status procedure 72	O			
		Status procedure 99	O			
EDIFACT					Application	
	Title	St	Format	Example	Comment/note	
RFF						
C506	REFERENCE	M				
1153	Reference code qualifier	M	an..3	CU	CU = Shipper reference	
1154	Reference identifier	M	an..70	Order 123	Reference	
Example: RFF+CU:Order 123'						
Explanations: The customer-specific reference for a package can be transmitted in this segment for procedure 01/NN, procedure 53, procedure 54 and procedure 72.						

4.8.8.1.2 RFF+CN – Routing code/Leitcode

Segment group:	18	Status: M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment group	22	Status: D	Max. repet.:	9	RFF	
Segment:	RFF	Serial no.:61	Level:	2	References	
		Status: D	Max. repet.:	1		
Function:	Specifies the routing code for a package					
Status at DHL		Status DHL Freight	N			
		Status procedure 01	D			
		Status procedure NN	D			
		Status procedure 53	D			
		Status procedure 54	D			
		Status procedure 72	D			
		Status procedure 99	N			
EDIFACT				Application		
	Title	St	Format	Example	Comment/note	
RFF						
C506	REFERENCE	M				
1153	Reference code qualifier	M	an..3	CN	CN = Routing code/Leitcode	
1154	Reference identifier	M	an..70	40372428036?+04000000	Routing code or Leitcode	
Example:						
RFF+CN:40372428036?+04000000'			Example: Routing code			
RFF+CN:90768048040006'			Example: Leitcode			
Explanations:						
Please refer to the respective product specifications to establish whether and how to use the Leitcode or routing code.						

4.8.9 Segment group 23

4.8.9.1 SG 23 – PCI, Package identification

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment group	23	Status: D	Max. repet.: 1	PCI	
Segment:	PCI	Serial no.:62	Level: 2	Package identification	
		Status: D	Max. repet.: 1		
Function:	Trigger segment for segment group 23				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	M		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
PCI 4233	MARKING INSTRUCTIONS CODED	M	an..3	18	18 = Carrier's instructions
Example: PCI+18'					
Explanations: This segment is used at DHL exclusively for triggering the segment group 23 and it must be constructed as specified above.					

4.8.9.2 SG 23 – GIN, Goods identity number

4.8.9.2.1 GIN+BN – Package number

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment group	23	Status: M	Max. repet.: 1	GIN	
Segment:	GIN	Serial no.:63	Level: 3	Goods identity number	
		Status: D	Max. repet.: 1		
Function:	Specifies the package number				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
GIN					
7405	OBJECT IDENTIFICATION CODE QUALIFIER	M	an..3	BN	BN = License plate number or Identcode
C208	IDENTITY NUMBER RANGE	M			
7402	Object identifier	M	an..35	00	License plate identifier
				484466199253	Identcode
7402	Object identifier	M	an..45	340433895820073225	License plate number
Example:					
With license plate:		GIN+BN+00:340433895820073225'			
With Identcode:		GIN+BN+484466199253'			
Explanations:					
7402	For the structure of the license plate number or the Identcode please refer to the respective product specifications				

4.8.9.2.2 GIN+AW – Package number

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment group	23	Status: M	Max. repet.: 1	GIN	
Segment:	GIN	Serial no.:64	Level: 3	Goods identity number	
		Status: D	Max. repet.: 1		
Function:	Specifies the package number				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	M		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
GIN					
7405	OBJECT IDENTIFICATION CODE QUALIFIER	M	an..3	AW	AW = License plate number
C208	IDENTITY NUMBER RANGE	M			
7402	Object identifier	M	an..35	J	License plate identifier
7402	Object identifier	M	an..45	VGL0858922671234563	License plate number
Example:					
GIN+AW+J:VGL0858922671234563'					
Explanations:					
7402	For the structure of the license plate number please refer to the respective product specifications				

4.8.9.3 SG 23 – PCI, Package identification

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25	
Segment group	23	Status: D	Max. repet.: 1	PCI	
Segment:	PCI	Serial no.:65 Status: D 99	Level: Max. repet.:	3	Package identification
Function:	Trigger segment for segment group 23				
Status at DHL		Status DHL Freight	N		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	D		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
PCI					
4233	MARKING INSTRUCTIONS CODED	M	an..3	28	28 = Multi-parcel information
C210	MARKS&LABELS	M			
7102	Shipping marks description	M	an..35	00	License plate identifier or
				484466199253	Identcode
7102	Shipping marks description	D	an..35	340433895820073225	License plate number
Example:					
PCI+28+00:340433895820073225'					
Explanations:					
This segment is used for procedure 72 – multi-parcel shipment in order to transmit the package numbers of packages 2 to n. For details please refer to the respective product specifications.					

4.8.10 Segment group 25

4.8.10.1 SG 25 – GOR, Governmental requirements

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25-SG32	
Segment group	25	Status: D	Max. repet.: 1	GOR-LOC-FTX	
Segment:	GOR	Serial no.:66 Status: D	Level: 2 Max. repet.: 1	Governmental Requirements	
Function:	Describes the customs procedures and/or procedures of other government authorities				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	D		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
GOR 8323 C232 9415	TRANSPORT MOVEMENT CODE GOVERNMENT ACTION Government agency identification code	N M M		5	5 = Customs
Example: GOR++5'					
Explanations: Is required for dutiable shipments for DHL Freight and procedure 54 in order to initiate the customs clearance process.					

4.8.10.2 SG 25 – LOC, Place/location identification

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25-SG32	
Segment group	25	Status: D	Max. repet.: 1	GOR-LOC-FTX	
Segment:	LOC	Serial no.:67	Level: 3	Place/location identification	
		Status: D	Max. repet.: 1		
Function:	Describes location details regarding the country of origin of the goods				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	D		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
LOC 3227	LOCATION FUNCTION CODE QUALIFIER	M	an..3	27	27 = Country of origin of the goods
C517 3225	LOCATION IDENTIFICATION Location name code	M M	an..25	DE	Alphanumeric 2-digit country code according to ISO 3166
Example: LOC+27+DE'					
Explanations: This segment is required for dutiable shipments for DHL Freight and procedure 54 to specify the country of origin of the goods					

4.8.10.3 SG 25 – FTX, Free text

4.8.10.3.1 FTX+AAA – Contents

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25-SG32	
Segment group	25	Status: D	Max. repet.: 1	GOR-LOC-FTX	
Segment:	FTX	Serial no.:68	Level: 3	Free text	
		Status: D	Max. repet.: 1		
Function:	Describes the content of a shipment				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	D		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	AAA	AAA = Goods description
4453	FREE TEXT FUNCTION CODE	N	an..3		
C107	TEXT REFERENCE	O			
4441	Free text value coded	O	an.17	20	Number of goods items
C108	TEXT LITERAL	M			
4440	Free text value	M	an..512	PICTURES	Goods description
3453	LANGUAGE NAME CODED	M	an..3	DE	Language of the goods description (here German)
Example:					
FTX+AAA++20+PICTURES+DE'					
Explanations:					
This segment is required for dutiable shipments for DHL Freight and procedure 54.					

4.8.10.3.2 FTX+AAH – Customs tariff number

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25-SG32	
Segment group	25	Status: D	Max. repet.: 1	GOR-LOC-FTX	
Segment:	FTX	Serial no.:69	Level: 3	Free text	
		Status: D	Max. repet.: 1		
Function:	Describes the customs tariff number of the goods				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	D		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	AAH	AAH = Customs information
4453	FREE TEXT FUNCTION CODE	N	an..3		
C107	TEXT REFERENCE	M			
4441	Free text value coded	M	an..17	1234567890	Customs tariff number
Example:					
FTX+AAH++1234567890'					
Explanations:					
This segment is required for dutiable shipments for DHL Freight and procedure 54 to specify the customs tariff number					

4.8.10.3.3 FTX+CCI – Collective customs clearance

Segment group:	18	Status:	M	Max. repet.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25-SG32
Segment group	25	Status:	D	Max. repet.:	1	GOR-LOC-FTX
Segment:	FTX	Serial no.:	70	Level:	3	Free text
		Status:	D	Max. repet.:	1	
Function:	Describes instructions for collective customs clearance					
Status at DHL		Status DHL Freight	D			
		Status procedure 01	N			
		Status procedure NN	N			
		Status procedure 53	N			
		Status procedure 54	D			
		Status procedure 72	N			
		Status procedure 99	N			
EDIFACT					Application	
	Title	St	Format	Example	Comment/note	
FTX						
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	CCI	CCI = Collective customs clearance	
4453	FREE TEXT FUNCTION CODE	N	an..3			
C107	TEXT REFERENCE	M				
4441	Free text value coded	M	an..17	301	Trigger for collective customs clearance	
C108	TEXT LITERAL	C				
4440	Free text value	M	an..35	REF123	Reference relating to the collective customs clearance	
Example:						
FTX+CCI++301+REF123'						
Explanations:						
This segment is required for dutiable shipments for DHL Freight and procedure 54 where collective customs clearance is requested. In addition to the feature code, the reference relating to the collective customs clearance may be transferred here.						

4.8.10.3.4 FTX+ABN – Collective invoice number

Segment group:	18	Status: M	Max. repet.: 1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25-SG32	
Segment group	25	Status: D	Max. repet.: 1	GOR-LOC-FTX	
Segment:	FTX	Serial no.:71	Level: 3	Free text	
		Status: D	Max. repet.: 1		
Function:	Describes the collective invoice number for collective customs clearance				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	D		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
FTX					
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	ABN	ABN = Collective invoice number
4453	FREE TEXT FUNCTION CODE	N	an..3		
C107	TEXT REFERENCE	M			
4441	Free text value coded	M	an..17	RG 1234567	Collective invoice number
Example: FTX+ABN++RG 1234567'					
Explanations: This segment is required for dutiable shipments for DHL Freight and procedure 54 where collective customs clearance is requested. It provides the collective invoice number.					

4.8.11 Segment group 32

4.8.11.1 SG 32 – DGS, Dangerous goods

Segment group:	18	Status: M	Max. repet.:	999	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25-SG32
Segment group	32	Status: D	Max. repet.:	6	DGS-FTX-SG34
Segment:	DGS	Serial no.:72	Level:	2	Dangerous Goods
		Status: M	Max. repet.:	1	
Function:	Dangerous Goods Information				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
DGS					
8273	DANGEROUS GOODS REGULATIONS CODE	D	an..3	ADR	ADR = European agreement regarding the total carriage of dangerous goods
C205	HAZARD CODE	D			
8351	Hazard identification code	M	an..7		Main hazard
8092	Hazard code version identifier	D	an..10		Additional hazard
C234	UNDG INFORMATION	D			
7124	United Nations Dangerous Goods (UNDG) identifier	D	n4		
C223	DANGEROUS GOODS SHIPMENT FLASHPOINT	D			
7106	Shipment flashpoint value	D	n3		
6411	Measurement unit code	D	an..3	CEL	CEL = Degree Celsius
8339	PACKAGING DANGER LEVEL CODE	D	an..3	II	I
Example:					
DGS+ADR+5.1:::(4.4,6.1)+1294+15:CEL+II'					
Explanations:					

4.8.11.2 SG 32 – FTX, Free text

Segment group:	18	Status: M	Max. repet.: 999	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25-SG32	
Segment group	32	Status: D	Max. repet.: 9	DGS-FTX-SG34	
Segment:	FTX	Serial no.:73 Status: D 99	Level: Max. repet.: 3	Free text	
Function:	Dangerous Goods Free Text				
Status at DHL		Status DHL Freight	D		
		Status procedure 01	N		
		Status procedure NN	N		
		Status procedure 53	N		
		Status procedure 54	N		
		Status procedure 72	N		
		Status procedure 99	N		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
FTX				FTX	
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	AAD	AAD = Dangerous goods, technical name
4453	FREE TEXT FUNCTION CODE	N			
C107	TEXT REFERENCE	N			
C108	TEXT LITERAL	D			
4440	Free text value	M	an..512		
Example: FTX+AAD+++BENZIN'					
Explanations:					

4.8.12 Segment group 34

4.8.12.1 SG 34 – MEA, Measurements

Segment group:	18	Status:	M	Max. repet.:	999	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25-SG32
Segment group	32	Status:	D	Max. repet.:	9	DGS-FTX-SG34
Segment group	34	Status:	D	Max. repet.:	9	
Segment:	MEA	Serial no.:74	Level:	3	Measurements	
		Status:	D	Max. repet.:	1	
Function:	Dangerous Goods Measurements					
Status at DHL		Status DHL Freight	D			
		Status procedure 01	N			
		Status procedure NN	N			
		Status procedure 53	N			
		Status procedure 54	N			
		Status procedure 72	N			
		Status procedure 99	N			
EDIFACT					Application	
	Title	St	Format	Example	Comment/note	
MEA				MEA		
6311	MEASUREMENT PURPOSE CODE QUALIFIER	M	an..3	AAE	AAE = Measurement	
C502	MEASUREMENT DETAILS	D				
6313	Measured attribute code	D	an..3	AAF	AAF = Net net weight	
C174	VALUE/RANGE	D				
6411	Measurement unit code	M	an..3	LTR	LTR = Litre (1 dm3) * KGM = Kilogram *	
6314	Measurement value	C	an..18			
Example:						
MEA+AAE+AAF+LTR:5'						
Explanations:						

4.9 End of message

4.9.1 UNT, Message Trailer

Segment:	UNT	Serial no.:75	Level:	0	Message Trailer
		Status: M	Max. repet.:	1	
Function	Ends the message.				
	Status at DHL	Status DHL Freight	M		
		Status procedure 01	M		
		Status procedure NN	M		
		Status procedure 53	M		
		Status procedure 54	M		
		Status procedure 72	M		
		Status procedure 99	M		
EDIFACT			Application		
	Title	St	Format	Example	Comment/note
UNT					
0074	NUMBER OF SEGMENTS IN A MESSAGE	M	n..6	24	Number of segments in the message incl. UNH and UNT
0062	MESSAGE REFERENCE NUMBER	M	an..14	1	Reference number of the message
Example:					
UNT+24+1'					
Explanations:					
0062 See UNH segment element 0062 (consecutive number of the message)					

4.10 End of transmission file

4.10.1 UNZ, Interchange trailer

Segment:	UNZ	Serial no.:76 Status: M	Level: Max. repet.: 1	0 1	Interchange Trailer
Function	Ends the file.				
Status at DHL	Status DHL Freight M				
	Status procedure 01 M				
	Status procedure NN M				
	Status procedure 53 M				
	Status procedure 54 M				
	Status procedure 72 M				
	Status procedure 99 M				
EDIFACT				Application	
	Title	St	Format	Example	Comment/note
UNZ					
0036	INTERCHANGE CONTROL COUNT	M	n..6	1	Number of messages in the file
0020	INTERCHANGE CONTROL REFERENCE	M	an..14	015	Unique file identifier
Example: UNZ+1+015'					
Explanations: 0020 See UNB segment element 0020 (unique identifier of the file)					

5 Glossary

Sender ID	<p>The sender ID/SMS customer in procedure 72 is the sender information that is transferred and displayed to the recipient via SMS.</p> <p>The sender ID/SMS customer can differ from the real/physical sender. The name of the company from which the customer ordered or expects the goods is to be stored as the highest recognition value.</p>
Page number	<p>The page number is a continuously ascending counter per posting list (record type UNH to UNT) for invoice verification across files.</p> <p>If a transport order number is missing, we assume a missing electronic posting list and our clearing department will query this with the customer.</p>
IDP	Identity and age check (valid from 2010).
Package	Smallest physical unit transported (e.g. cardboard box, parcel)
Shipment	May comprise one or several packages
Colli	A colli shipment consists of several packages
Volumetric weight	This is the sum of the volumes of one or several packages
Decimal separator	<p>According to the ISO standard it is generally acceptable to use a decimal point as well as a decimal comma as separator. However, in order to keep to a uniform standard for the electronic posting lists (also across all message formats) DHL has stipulated the use of a decimal point as the decimal separator.</p> <p>1000-separators (e.g. 1,000) are not allowed.</p>
Length/width/height specification	Specification in centimetres with up to 2 decimal places
Weight and volume specification	Specification in kilograms with up to 3 decimal places