Message implementation guide for programming shipping logistics systems

Part G – DHL Express
Appendix EDIFACT message IFTMIN D01 B

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1 General information

DHL offers its customers the possibility to transmit messages between their own shipping logistics system and the DHL EXPRESS systems via an electronic interface. Therefore the customer transmits order data to DHL EXPRESS as so called electronic posting lists. The EDIFACT message IFTMIN D01 B is used as standardized format.

This documentation describes the structure of the electronic posting list in IFTMIN D01B format for DHL EXPRESS. Further important information on the implementation of electronic posting lists can be found in our procedural requirements specifications.

1.1 Basis for electronic data exchange

Electronic data exchange is based on the EDI Agreement. It comprises rights and obligations of the both contractual parties (customer – DHL Express Germany GmbH). The contact for this EDI agreement is the responsible DHL sales contact.

1.2 Technical connection

If you have any questions about the technical connection, please contact your DHL ESS consultant, who will inform you about the various options and the respective requirements. Your ESS consultant will also establish initial contact with DHL's EDI clearing center.

2 General information on the electronic posting list

Generally applicable regulations regarding EDIFACT and electronic posting lists (EDI message) of DHL are explained in this section.

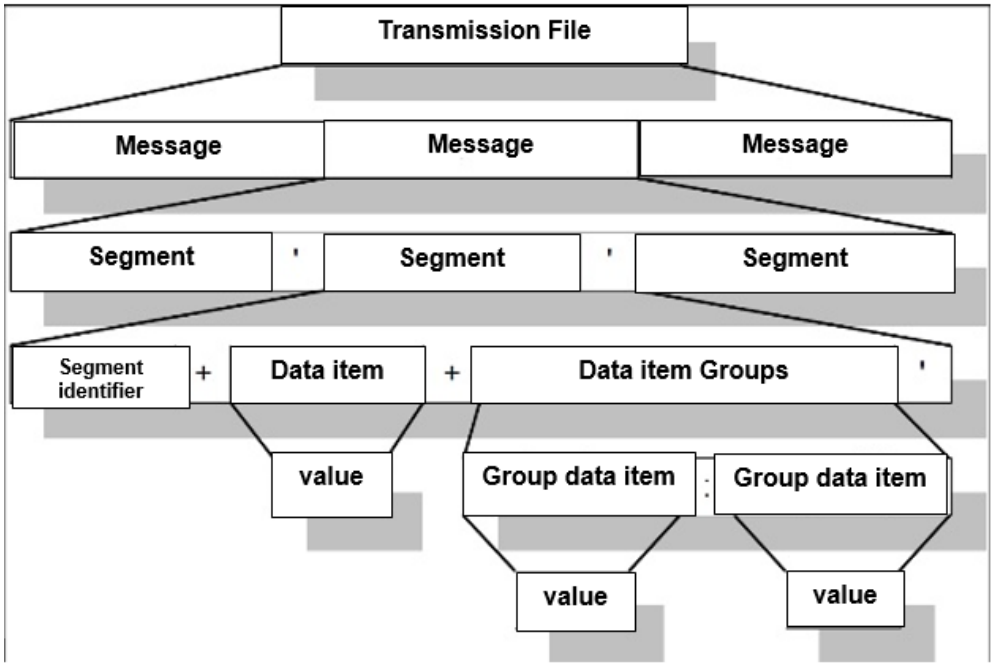
2.1 General explanation of EDIFACT

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 standardized and are published on the Internet at http://www.unece.org/trade/untdid/.

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. One Transmission file can consist of a or more messages.
Each message consists of individual segments strung together and 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).
These data elements are variable in length and can be qualified separately according to function, format, and information content.
A detailed description of the message layout and the special characters are documented in the following sections.



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 individually describe an item.

UNA		Description of Syntax characters
UNB		Beginning of file (file header)
UNH		Beginning of message 1
	Message header message 1	
	Position 1.1	
	Position 1.2	
	...	
	Position 1.x	
UNT		End of message 1
UNH		Beginning of message 2
	Message header message 2	
	Position 2.1	
	Position 2.2	
	...	
	Position 2.y	
UNT		End of message 2
…		
UNH		Beginning of message m
	Message header message m	
	Position m.1	
	Position m.2	
	...	
	Position m.z	
UNT		End of message m
UNZ		End of file
		Description

All messages are 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, each with a maximum of 999 line 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. These have to be masked by a preceding question mark (**?**).
Failing to do so would lead to the system interpreting these characters as syntax characters which would make it impossible to process the file correctly.

Example:
If the international phone number +49-16151-1372-800 is to be transmitted, 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 by the responsible ESS consultant at DHL.

2.3 Provision of the electronic posting list

As early as possible but not later than the time of pick-up

2.4 Transmission paths

The electronic posting list can be transmitted to the EDI Clearing Center of DHL in several ways. You will receive your access data from your ESS consultant once the communication path has been agreed.

2.5 Note on data transmission

Data can only be transferred to DHL Express via SFTP.
While transmitting the electronic posting list to the SFTP account, it is essential that incomplete data cannot be picked up.
Various options are available, e.g., the file is transferred as a temporary file, the file sizes on the SFTP server (destination directory) and in the local source directory are compared. If the size is correct, then the temporary file is renamed on the server, otherwise the file is deleted and, if necessary, a local error message is generated.

2.6 File naming conventions

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

2.6.2 Example of a file name

A file name has to be created according to the following scheme:

<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
Process	n2	Fixed value: 99
Sheet number	n3	The sequential number in the EDI message as transmitted in the UNB segment (ICR number)
ccyymmdd	n8	Date of delivery

Example: 140243026_01_99_051_20140205.dat

for a file delivered on February 5, 2014 for customer number 140243026 with ICR number 051.

3 Layout of IFTMIN messages

This section describes the layout/structure of IFTMIN messages.

3.1 Status characters

Information provided in the electronic posting list in 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 → **M**andatory, must be available (accordance with the EDIFACT standard or required by DHL)
D → **D**epending on (see explanations)
O → **O**ptional, can be transmitted, segments are only analyzed partially by DHL
N → **N**ot used

The format-definition for each individual EDIFACT element is shown below.

format element	example	description	description of example
n	n..10	numeric / integer numbers	max. 10 digits long integer
an	an..35	alphanumeric / alphabetical and numerical characters	max. 35 characters
d	d..5.3	decimal numeric and scale delimited by dot	max. 5 digits long and 3 digits long scale

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 IFTMIN format. Depending on the item content, a segment/segment group may be required (status M) or not (status D).

segment /group	status	rep	level	description
UNA	**O**	1	0	Service String Advice
UNB	**M**	1	0	Interchange Header
UNH	**M**	1	1	Message Header
BGM	**M**	1	1	Beginning of Message
DTM	**M**	9	1	Date/Time/Period
TSR	**M**	9	1	Transport Service Requirements
MOA	**D**	99	1	Monetary Amount
FTX	**M**	99	1	Free Text
CNT	**M**	9	1	Control Total
SG2	**M**	1	1	
TOD	**M**		2	Terms of Delivery
LOC	**D**	1	2	Place/Location Identification
SG3	**D**	999	1	
RFF	**M**	1	1	Reference
SG4	**D**	9	1	
GOR	**M**	1	1	Governmental Requirements

SG5	**D**	9	2	
DOC	**M**	M	2	Document/Message Details
DTM	**M**	M	3	Date/Time/Period
SG11	**M**	99	1	
NAD	**M**	1	1	Name and Address
LOC	**D**	9	2	Place/Location Identification
SG12	**M**	9	2	
CTA	**M**	1	2	Contact Information
COM	**M**	9	3	Communication Contact
SG13	**D**	9	2	
DOC	**M**	1	2	Document/Message Details
SG15	**D**	9	2	
REF	**M**	1	2	Reference
SG18	**M**	999	1	
GID	**M**	1	1	Good Item Details
SG20	**M**	99	2	
MEA	**M**	1	2	Measurements
SG21	**M**	99	2	
DIM	**M**	1	2	Dimensions
SG23	**M**	999	2	
PCI	**M**	1	2	Package Identification
GIN	**M**	1	3	Goods Identify Number
SG37	**D**	999	1	
EQD	**M**	1	1	Equipment Details
MEA	**M**	9	2	Measurements
FTX	**M**	9	2	Free Text
REF	**M**	9	2	Reference
SG38	**M**	99	2	
TCC	**M**	1	2	Charge/Rate Calculations
MOA	**M**	9	3	Monetary Amount
QTY	**M**	9	3	Quantity
UNT	**M**	1	1	Message Trailer
UNZ	**M**	1	0	Interchange Trailer

3.3 Conventions

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

Mandatory fields:	In mandatory fields, only the specified information may be provided 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 centimeters **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**.
Character encoding:	All contents or characters must be encoded in accordance with **ISO 8859-1** (Western European/Latin-1).

4 Segment details of the IFTMIN message

This section describes the individual segments and their use.

4.1 Start of the transmission file

4.1.1 UNA – Service String Advice

Segment:	**UNA**	Seq. No.: 1		Level: 0	Service String Advice
		Status: O		Max. Rep.: 1	
Function:	Defines separators that are used in a transmission file and is fixed by DHL				
EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
UNA					
UNA1	Component data element separator	M	an..1	:	Group element separator
UNA2	Data element separator	M	an..1	+	Data element separator
UNA3	Decimal mark	M	an..1	.	Decimal point
UNA4	Release character	M	an..1	?	Release character
UNA5	Repetition separator	M	an..1		Repetition separator
UNA6	Segment terminator	M	an..1	'	Segment terminator
Example:					
UNA:+.? '					

4.1.2 UNB – Interchange Header

Segment:	**UNB**	Seq. No.: 2		Level: 0	Interchange Header
		Status: M		Max. Rep.: 1	
Function:	Opens, identifies and describes the transfer file				
EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
UNB					
S001	**Syntax identifier**	M			
0001	Syntax identifier	M	a..4	UNOC	Syntax Version UNOC = UN/CCE Level C Latin 1 character record
0002	Syntax version number	M	an..2	4	Syntax version number
0080	Service code list directory version number	O	an..6		
0133	Character encoding, coded	O	n..3		
S002	**Interchange sender**	M			
0004	Interchange Sender identification	M	an..35	142345671.90429	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 sub-identification	O	an..35		
S003	**Interchange Recepient**	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..36		
S004	**Date and time of preparation**	M			
0017	Date	M	n..8	20140205	File creation date (CCYYMMDD)
0019	Time	M	n..4	1815	Time of file creation (HHMM)
0020	Interchange control reference	M	an..14	015	Unique file identifier
Example:					
UNB+UNOC:4+142345671.90429+3D_Message_Hub+20140205:1815+015'					
Explanation:					
S002	The sender code consists of customer number and the sender's postal code separated by a decimal point (.). Example: 142345671.90429				
S003	"3D_Message_Hub" must be used as the file recipient.				

4.2 Beginning of the message

4.2.1 UNH – Message Header

Each message (UNH to UNT block) specifies a single shipment. This can consist of one or more packages towards one recipient. Therefore, a new message must be formed within the file for each shipment to be transmitted.

Segment:	**UNH**	Seq. No.: 3 Status: M		Level: 0 Max. Rep.: 1	Message Header
Function:	Opens, identifies and specifies a message within the transmission file				
EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
UNH					
0062	Message reference number	M	an..14	1	Sequential 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 organization
0068	COMMON ACCESS REFERENCE	M	an..35	DHL3.0/APPLICATION	Access reference
Example:					
UNH+1+IFTMIN:D:01B:UN+DHL3.0/ Versandsoftware V1.0'					
Explanation:					
0068	The version of the electronic posting list is "DHL3.0" 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**	Seq. No.: 4 Status: M		Level: 0 Max. Rep.: 1	Beginning of message
Function:	Describes the type and function of the message and passes the associated identification number				
EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
BGM					
C002	**Document/message name**	M			
1001	Document/ message name, coded	M	an..3	740	740=Air Waybill
C106	**Document/message identification**	D			
1004	Document identifier	M	n..10	6200277077	Air Waybill Number
1225	Message Function, Coded	M	n..1	9	9 = Original
Example:					
BGM+740+6200277077+9'					

4.2.3 DTM – Date/time/period

Segment:	**DTM**	Seq. No.: 5 Status: M		Level: 1 Max. Rep.: 1	Date/time/period
Function:	Describes posting date and time				
EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
DTM					
C507	**Date/time/period**	M			
2005	Date/time/period qualifier	M	an..3	9	9 = Processing date/time
2380	Date/time/period	M	an..35	201402081815	Date and time (CCYYMMDDHHMM)
2379	Date/time/period format qualifier	M	n..3	203	203=Format CCYYMMDDHHMM
Example					
DTM+9:201402051815:203'					

4.2.4 TSR – Transport service requirements

Segment:	**TSR**	Seq. No.: 6 Status: M		Level: 1 Max. Rep.: 1	Transport service requirements
Function:	Describes terms of contract and carriage, service and priority for transportation				
EDIFACT				Application	
	Description	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	ECX	Product
1131	Code list identification code	M	n..2	57	57 = Product code (Fixed value)
3055	Code list irresponsible agency code	M	n..2	87	87 = Assigned by DHL (Fixed value)
Example					
TSR+++ECX:57:87'					
Explanation					
4219	This element contains the selected product. For details see product specifications				

4.2.5 MOA – Monetary amounts

Segment:	**MOA**	Seq. No.: 7 Status: D		Level: 1 Max. Rep.: 1	Monetary amounts
Function:	Describes the amount of money				
EDIFACT				Application	
	Description	St	Format		Comment / Note
MOA					
C516	**Monetary amount**	M			
5025	Monetary amount type qualifier	M	n..2	43	43 = Customs value
5004	Monetary amount	M	d..16.2	123.55	Amount
6345	Currency coded	M	an..3	EUR	Currency abbreviation according to ISO 4217
Example					
MOA+43:123.55:EUR'					
Explanation					
	2 decimal places / decimal separator = point. A leading zero must be entered for values < 1.00.				

Qualifier (5025)	St.	Description	Comment	Example
43	D	Declared Customs value	Mandatory for dutiable shipments, include all amounts of line items and fees / charges	MOA+43:123.55:EUR'
47	D	Delivery charge	Mandatory if shipment charge is shown on the invoice	MOA+47:14.00:EUR'
64	D	Freight charge	Mandatory if freight charge is shown on the invoice	MOA+64:94.34:EUR'
79	D	Total line items amount	Mandatory for transmission of the invoice data, sum of all line items (MOA+38)	MOA+79:144.15:USD'
157	D	Transport insurance value	Mandatory for transport insurance	MOA+157:1234.00:USD‘
286	D	Administration charge	Administration charge	MOA+286:1234.00:USD‘
304	D	Other charges	Charges not listed	MOA+304:1234.00:USD‘
287	D	Fuel Surcharge	Must be given if exist on the invoice doc	MOA+287:12.00:EUR'
189	D	Packaging/Packing Charge	Must be given if exist on the invoice doc	MOA+189:12.00:EUR'
110	D	Pickup Charge	Must be given if exist on the invoice doc	MOA+110:12.00:EUR'
81	D	Handling Charge	Must be given if exist on the invoice doc	MOA+81:12.00:EUR'
1	D	VAT Charge/Fee/Cost	Must be given if exist on the invoice doc	MOA+1:12.00:EUR'

4.2.6 FTX – Free text

Segment:	**FTX**	Seq. No.: 8		Level: 1	Free text
		Status: M		Max. Rep.: 1	
Function:	describes content, trade transaction type, service codes and reason of export				
EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
FTX					
4451	Text subject code qualifier	M	an..3	AAA	AAA = goods description qualifier
4453	Free text function code	N			
C107	**Text reference**	N			
C108	**Text literal**	N			
4440	Free text value	M	an..70	Cotton T-shirt white	Description of goods
Example					
FTX+AAA+++Cotton T-shirt white'					
Explanation					
	This segment is used to transmit the content information, trade transaction type, service codes and export reason of a shipment. Further details in the specification.				

Qualifier (4451)	St.	Description	Comment	Example
AAA	M	Goods description of a shipment	Mandatory for all shipments	FTX+AAA+++Cotton Tshirt white’
AAI	O	Trade transaction type	Optional for invoice data	FTX+AAI+++Personal' FTX+AAI+++Commercial'
CEX	D	Export reason	Mandatory for invoice data: P - PERMANENT R - RETURN FOR REPAIR T - TEMPORARY M - USED EXIBITION GOODS TO ORIGIN I - INTERCOMPANY_USE C - COMMERCIAL PURPOSE/ SALE E - PERSONAL BELONGINGS/PERSONAL USE S - SAMPLE G - GIFT U - RETURN TO ORIGIN W - WARRANTY REPLACEMENT D - DIPLOMATIC GOODS F - DEFENCE MATERIAL	 FTX+CEX+++P’ FTX+CEX+++R’ FTX+CEX+++T’ FTX+CEX+++M’ FTX+CEX+++I’ FTX+CEX+++C‘ FTX+CEX+++E‘ FTX+CEX+++S’ FTX+CEX+++G’ FTX+CEX+++U’ FTX+CEX+++W’ FTX+CEX+++D‘ FTX+CEX+++F‘
ACB	D	Service/additional information	This is used to transmit services. Service codes for services – see product specifications.	FTX+ACB+++AA‘

4.2.7 CNT – Control total

Segment:	**CNT**	Seq. No.: 9 Status: M		Level: 1 Max. Rep.: 1	Control totals
Function:	Describes the total weight				
EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
CNT					
C270	**Control**	M			
6069	Control total type code qualifier	M	n..2	7	7 = Total weight
6066	Control total value	M	d..15.3	15.000	Weight
6411	Measurement unit code	M	an..3	KGM	KGM = Kilogramm
Example					
CNT+7:15.000:KGM'					
Explanation					
	This segment is used to transmit the total weight, packages and volume of a shipment/message (UNH-UNT block!). 3 decimal places / decimal separator = point. For values < 1.00 a leading zero must be included.				

Qualifier (6069)	St.	Description	Comment	Example
7	M	Total weight	Mandatory for shipments	CNT+7:15.000:KGM’
11	M	Number of packages	Mandatory for shipments	CNT+11:3’
15	M	Total volume	Mandatory for shipments	CNT+15:0.123:MTQ’

4.3 Segment group 2

4.3.1 SG 2 – TOD, Terms of delivery

Group:	2	Status	M	Max. Rep.:	1	TOD-LOC
Segment:	**TOD**	Seq. No.:	10	Level:	1	Terms of delivery
		Status:	M	Max. Rep.:	1	
Function:	Describes the shipping conditions					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
TOD					
4055	Delivery or transport terms function code	M	n..1	6	6 = Shipping conditions
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	DAP	INCOTERM
Example					
TOD+6++DAP'					
Explanation					
4053	Shipping condition: For further information on the specification of incoterms for EU, non-EU countries and EU-exceptional areas, please refer to the respective product requirement booklet.				

4.3.2 SG 2 – LOC, Place/location identifaction

Group:	2	Status	M	Max. RepRep.:	1	TOD-LOC
Segment:	**LOC**	Seq.Seq. No.:	11	Level:	1	Place/location identifaction
		Status:	D	Max. RepRep.:	9	
Function:	Describes place from the delivery condition / Place of Incoterm					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
LOC					
3227	Location function code qualifier	M	an..3	1	1 = Place of terms of delivery
C517	**Location identification**	M			
3225	Location name code	N	an..25		
1131	Code list identification code	N	an..17		
3055	Code list responsible agency code	N	an..3		
3225	Location name	M	an..256	PLACE_OF_INCOTERM	Place of delivery
Example					
LOC+1+:::PLACE_OF_INCOTERM'					
Explanation					
	If printed on the invoice, then the location of the delivery condition is mandatory.				

4.4 Segment group 3

4.4.1 SG 3 – RFF, Reference

Group:	3	Status	D	Max. RepRep.:	999	RFF
Segment:	**RFF**	SeqSeq. No.:	12	Level:	1	References
		Status:	D	Max. RepRep.:	1	
Function:	Describes references					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
RFF					
C506	Reference	M			
1153	Reference code qualifier	M	an..3	IV	IV = freight payer
1154	Reference identifier	M	an..70	951527984	DHL EXPRESS Account Number
Example					
RFF+IV:951527984'					
Explanation					

Qualifier (1153)	St.	Description	Comment	Example
IV	D	payer account number	DHL EXPRESS payer account number for the freight charges	RFF+IV:951234567'
SRN	O	Shipment reference	The shipment reference is also specified on the invoice.	RFF+SRN:LS12345678‘
ABT	D	MRN (ATLAS declaration)	Mandatory for all "High Value" export shipments	RFF+ABT:DE1234512ABC'
AAM	D	Mother AWB for Break Bulk (BBX) shipments	Mandatory for BBX	RFF+AAM:1234567891‘
ABS	D	DHL duties and taxes account number	Mandatory for the "Import Billing" and “Duty Taxes Paid 2rd Party”, if used "Importer of Record" services then recommended	RFF+ABS:960123456‘
ANT	O	Second shipment reference	Not stated on the invoice	RFF+ANT:Order12345678‘
UCN	O	Unique reference of a consignment (UCRN)	Not stated on the invoice	RFF+UCN:INVOICE-UCN'

4.4.2 SG 3 – RFF, Reference – Dangerous Goods

Group:	3	Status	D	Max.Wdh.:	99	RFF
Segment:	**RFF**	Lfd. Nr.:	13	Ebene:	1	References
		Status:	D	Max. Wdh.:	1	
Function:	Describes dangerous goods references					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
RFF					
C506	Reference	M			
1153	Reference code qualifier	M	an..3	DGC	DGC = EDI Code for Dangerous goods substance
1154	Reference identifier	M	an..70		DG Content ID
1156	Document line identifier	M	an..6		Count of packages with dangerous goods
4000	Reference version identifier	D	an..35		Dry ice net weight, UN Number Excepted Quantity, Number of Special Provision. For Details ask your sales representation.

Example:

RFF+DGC:901:2:12.354'

Explanation:

This section is needed for transmitting dangerous goods information. More details in the dangerous goods spec..

4.5 Segment group 4

4.5.1 SG 4 – GOR, Governmental requirements

Group:	4	Status	D	Max. Rep.:	1	GOR-LOC-FTX
Segment:	**GOR**	Seq. No.:	14	Level:	1	Governmental requirements
		Status:	D	Max. Rep.:	1	
Function:	Describes customs or procedures of other government agencies					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
GOR					
8323	Transport movement code	M	n..1	4	1 - Export 2 - Import 4 - Both
Example					
GOR+1'					
Explanation					
Required for dutiable shipments (trigger segment to initiate customs section). If the invoice data should only be used for export or only for import, the commodity coder must be specified in the SG37-RFF segment.					

Qualifier (8323)	St.	Description	Comment	Example
1	D	Export	Must be used if invoice data is only used for exports.	GOR+1'
2	D	Import	To be used when invoice data is used for import only.	GOR+2'
4	D	Both	To be used when invoice data is used for both.	GOR+4'

4.6 Segment Group 5

4.6.1 SG 5 – DOC, Document ID

Group:	5	Status	D	Max. Rep.:	1	DOC-DTM
Segment:	**DOC**	Seq. No.:	15	Level:	1	Document
		Status:	M	Max. Rep.:	1	
Function:	Describes invoice number or document ID					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
DOC					
C002	**Document**	M			
1001	Document Name Code	M	an..3	380	Commercial invoice
C503	**Document/Message details**	M			
1004	Document identifier	M	an..35	AA12345678BB	Invoice number
Example					
DOC+380+AA12345678BB'					
Explanation					
Used for shipments with commercial invoice data to transmit the invoice number or additional document id					

Qualifier (1001)	St.	Description	Comment	Example
380	D	Commercial Invoice	Mandatory for invoice data with commercial invoice	DOC+380+AA12345678BB'
325	D	Proforma Invoice	Please use AWB number as a proforma invoice number	DOC+325+1234567891‘
585	O	T2LF Dispense Paiement Droits	T2LF Dispense Paiement Droits	DOC+585+1234567891‘
636	O	Analysis and Health Certificate	Analysis and Health Certificate	DOC+636+1234567891‘
955	O	ATA Carnet	ATA Carnet	DOC+955+1234567891‘
864	O	Preference Certificate ATR	Preference Certificate ATR	DOC+864+1234567891‘
954	O	Preference Certificate EUR1	Preference Certificate EUR1	DOC+954+1234567891‘
626	O	CITES Certificate	CITES Certificate	DOC+626+1234567891‘
861	O	Generic Certificate of Origin	Generic Certificate of Origin	DOC+861+1234567891‘
853	O	Veterinary Entry Document	Veterinary Entry Document	DOC+853+1234567891‘
869	O	3rd Party Broker Clearance Document	3rd Party Broker Clearance Document	DOC+869+1234567891’
890	O	Dangerous Goods Declaration	Dangerous Goods Declaration	DOC+890+1234567891’
715	O	Indemnity Letter	Indemnity Letter	DOC+715+1234567891’
911	O	Import Licenses and Permits	Import Licenses and Permits	DOC+911+1234567891’
851	O	Phytosanitary Certificate	Phytosanitary Certificate	DOC+851+1234567891’

4.6.2 SG 5 – DTM, Date/time/period

Group:	5	Status	D	Max. Rep.:	1	DOC-DTM
Segment:	**DTM**	Seq. No.:	16	Level:	1	Date Time
		Status:	M	Max. Rep.:	1	
Function:	Describes invoice date					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
DTM					
C507	**Date/time/period**	M			
2005	Date/time/period qualifier	M	an..3	3	3 = Invoice date
2380	Date/time/period	M	an..35	202104280815	Date and time (CCYYMMDDHHMM)
2379	Date/time/period format qualifier	M	an..3	203	203=Format CCYYMMDDHHMM

Example
DTM+3:202104011115:203'
Explanation
Used for shipments with invoice data to transmit the invoice date

4.6 Segment Group 11

4.6.1 SG 11 – Sender

4.6.1.1 SG 11 – NAD+CZ, Name and address - Sender's address

Group:	11	Status	M	Max. Rep.:	9	NAD-LOC-SG12-SG13-SG15
Segment:	**NAD**	Seq. Nr.:	17	Level:	1	Name and address
		Status:	M	Max. Rep.:	1	
Function:	Describes the sender/consignor of the shipments					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
NAD					
3035	Party function code qualifier	M	an..3	CZ	CZ = Consignor/Sender
C082	**Party identification details**	M			
3039	Party identification	M	an..17	140123456	Customer number
C058	**Name and address**	O			
3124	Name and address description	O	an..35	Gebaude 5	Building Information
3124	Name and address description	O	an..35	District	District
C080	**Party name**	M			
3036	Party name	M	an..35	MUELLER AG	Company name
3036	Party name	O	an..10	EXPORT	Additional company name
C059	**Street**	M			
3042	Street and number	M	an..35	Teststrasse 3	Street and House number
3042	Street and number	D	an..35		Street and House number 2
3042	Street and number	D	an..35		Street and House number 3
3164	City Name	M	an..35	DARMSTADT	Town name
C819	**Country sub-entity details**	O			
3229	Country sub-entity name code	O	an..9	HE	State Code
1131	Code list identification code	N	an..17		
3055	Code list responsibility agency code	N	an..3		
3228	Country sub-entity name	O	an..70	Hessen	State Name
3251	Postal identification code	D	an..12	64295	Postal code (mandatory if the country has postal code areas)
3207	Country name code	M	an..3	DE	DHL EXPPRESS Country Code

Example:

NAD+CZ+140123456+Gebaude 5:Kreis+MUELLER AG:EXPORT+Teststrasse 3+DARMSTADT+HE:::Hessen+64295+DE'

Explanation:

	This segment is used to specify the sender
3039	The sender customer number is transferred here

4.6.1.2 SG 11 – LOC+5, Place/location identification - Origin

Group:	11	Status	M	Max.Rep.:	1	NAD-LOC-SG12-SG13-SG15
Segment:	**LOC**	Seq. Nr.:	18	Level:	1	Place/location identification
		Status:	M	Max. Rep.:	1	
Function:	Describes the origin of the shipment					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
LOC					
3227	Location function code qualifier	M	n..1	5	5 = Origin
C517	Location identification	M			
3225	Location name code	M	an..25	FRA/FRA	

Example:

LOC+5+FRA/FRA'

Explanation:

This segment is used to transmit the Origin Service Area and Facility of the shipment and belongs to the sender's segment group 11. For details, see the product requirement specification.

4.6.2 SG 11 – Receiver

4.6.2.1 SG 11 – NAD+CN, Name and address - Recipient's address

Group:	11	Status	M	Max. Rep.:	9	NAD-LOC-SG12-SG13-SG15
Segment:	**NAD**	Seq. Nr.:	19	Level:	1	Name and address
		Status:	M	Max. Rep.:	1	
Function:	Describes the receiver					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
NAD					
3035	Party function code qualifier	M	an..3	CN	CN = Consignee
C082	**Party identification details**	N			
3039	Party identification	N	an..17		
C058	**Name and address**	O			
3124	Name and address description	O	an..35	RIVER BUILDING	Building information
3124	Name and address description	O	an..35	Queens	District
C080	**Party name**	M			
3036	Party name	M	an..35	CONSIGNEE INC	Company Name
3036	Party name	O	an..10	WH 14	Company name addition
C059	**Street**	M			
3042	Street and number	M	an..35	175 PARK LANE	Street and House number (Packstation + number)
3042	Street and number	D	an..35	2nd FLOOR	Street and House Number 2 (postnumber)
3042	Street and number	D	an..35		Street and House Number 3
3164	City name	M	an..35	NEW YORK	Town name
C819	**Country sub-entity details**	O			
3229	Country sub-entity name code	O	an..9	NY	State code
1131	Code list identification code	N	an..17		
3055	Code list responsibility agency code	N	an..3		
3228	Country sub-entity name	O	an..70	New York	State name
3251	Postal identification code	D	an..12	10015	Postal code (mandatory if the country has postal code areas)
3207	Country name code	M	an..3	US	DHL EXPPRESS country code

Example:

NAD+CN++RIVER BUILDING:Queens+CONSIGNEE INC:WH 14+175 PARK LANE:2nd FLOOR+NEW YORK+NY:::New York+10022+DE'

Explanation:

This segment is used to specify the receiver.
In case for shipping to the packstation:
„Packstation + number“ in 3042[1] / Postnummer in 3042 [2] / ZIP code and City from Packstation location
E. g.: NAD+CN+++Max Mustermann+Packstation 1234:99999999+Nuernberg++90427+DE

4.6.2.2 SG 11 – LOC+8, Place/location identification - Destination

Group:	11	Status	M		Max. Rep.Rep.:	1	NAD-LOC-SG12-SG13-SG15
Segment:	**LOC**	Seq.Seq. Nr.:	20		Level:	1	Place/location identification
		Status:	M		Max. Rep.Rep.:	1	
Function:	Describes the destination of the shipment						

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
LOC					
3227	Location function code qualifier	M	n..1	8	8 = Destination
C517	**Location identification**	M			
3225	Location name code	M	an..25	US/DHL/LGA/FLU	
1131	Code list identification code	N	an..17		
3055	Code list responsible agency code	M	n..2	87	87 = assigned by DHL

Example:

LOC+8+US/DHL/LGA/FLU::87'

Explanation:

This segment is used to transmit the destination of the shipment and belongs to segment group 11 of the recipient. Details see product requirement specification

4.6.3 SG 11 – Remaining Parties

4.6.3.1 SG 11 – NAD, other parties / addresses

Group:	11	Status	M	Max. Rep.:	9	NAD-LOC-SG12-SG13-SG15
Segment:	**NAD**	Seq. Nr.:	21	Level:	1	Name and address
		Status:	D	Max. Rep.:	1	
Function:	Describes the other roles such as importer					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
NAD					
3035	Party function code qualifier	M	an..3	IM	IM = Importer
C082	**Party identification details**	N			
3039	Party identification	N	an..17		
C058	Name and address	O			
3124	Name and address description	O	an..35		Building information
3124	Name and address description	O	an..35		District
C080	**Party name**	M			
3036	Party name	M	an..35	IMPORTEUR INC	Company name
3036	Party name	O	an..10		Company name addition
C059	**Street**	M			
3042	Street and number	M	an..35	Park Avenue 432	Street and House number
3042	Street and number	D	an..35	3rd FLOOR	Street and house number 2
3042	Street and number	D	an..35		Street and house number 3
3164	City name	M	an..35	NEW YORK	Place name
C819	**Country sub-entity details**	O			
3229	Country sub-entity name code	O	an..9	NY	State Name
1131	Code list identification code	N	an..17		
3055	Code list responsibility agency code	N	an..3		
3228	Country sub-entity name	O	an..70	New York	State Name
3251	Postal identification code	D	an..12	10022	Postal code (mandatory if the country has postal codes)
3207	Country name code	M	an..3	US	DHL EXPPRESS Country code
Example:					
NAD+CN++RIVER BUILDING:Queens+ CONSIGNEE INC:WH 14+175 PARK LANE: 2nd FLOOR+NEW YORK +NY::: New York+10022+US'					
Explanation:					
	This segment is used for dutiable shipments to describe other parties involved				

Qualifier (3035)	St.	Description	Example
BO	D	Broker	NAD+BO+++ BROCKER+ADDRESS+MUNICH++80200+DE'
BY	D	Buyer	NAD+BY+++ BUYER+ADDRESS+MUNICH++80200+DE'
CA	D	Carrier	NAD+CA+++CARRIER+ADDRESS+MUNICH++80200+DE'
DC	D	Declarant	NAD+DC+++ DECLARANT+ADDRESS+MUNICH++80200+DE'
EX	D	Exporter	NAD+EX+++EXPORTER+ADDRESS+MUNICH++80200+DE'
IM	D	Importer	NAD+IM+++IMPORTER+ADDRESS+MUNICH++80200+DE'
PR	D	Payer	NAD+PR+++PAYER+ADDRESS+MUNICH++80200+DE'
SE	D	Seller	NAD+SE+++SELLER+ADDRESS+MUNICH++80200+DE'
UC	D	Ultimate Consignee	NAD+UC+++U.CONSIGNEE+ADDRESS+MUNICH++80200+DE'

4.6.3 Segment Group 12

4.6.3.1 SG 12 – CTA, Contact information

Group:	11	Status	M	Rep.:	1	NAD-LOC-SG12-SG13-SG15
Group	12	Status	D	Rep.:	1	CTA-COM
Segment:	**CTA**	Seq. Nr.:	22	Level:	2	Contact information
		Status:	D	Max. Rep.:	1	
Function:	Describes the contact person					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
CTA					
3139	Contact function code	M	an..3	AC	AC = contact name
C056	**Department or employee details**	M			
3413	Department or Employee name code	N	an..17		
3412	Department or Employee name	D	an..35	HR. MUELLER	
Example:					
CTA+AC+:HR. MUELLER'					
Explanation:					
A contact for sender and recipient is mandatory information. If no contact is available, the field must be filled with "N.A.". As soon as SG11 / NAD segment have been transferred, contact is mandatory.					

4.6.3.2 SG 12 – COM, Communication Contact

Group:	11	Status	M	Max. Rep.:	1	NAD-LOC-SG12-SG13-SG15
Group	12	Status	D	Max. Rep.:	1	CTA-COM
Segment:	**COM**	Seq. Nr.:	23	Level:	3	Communication contact
		Status:	M	Max. Rep.:	3	
Function:	Describes the phone number, fax number, e-mail address					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
COM					
C076	Communication contact	M			
3148	Communication address identifier	M	an..70	040 1234 800	Telephone number
3155	Communication address code qualifier	M	an..35		TE = Telephone
Example:					
COM+?+49 171-1234-800:AL’					
Explanation:					
If a COM segment is provided, it is mandatory that a CTA+AC segment is also provided (CTA is the trigger segment for SG12). The specification of **at least** one telephone number of the communication contact per SG11 is mandatory.					

Qualifier (3155)	St.	Description	Comment	Example
AL	D	Cellular phone	Mobile	COM+?+49 171-1234-800:AL‘
EM	D	Electronic mail	Email	COM+max.mustermann@firma.com:EM‘
FX	D	Telefax	Fax	COM+040 1234 834:FX‘
TE	D	Telephone	landline Telephone	COM+040 1234 800:TE‘

4.6.4 Segment Group 13

4.6.4.1 SG 13 – DOC, Documents

Group	11	Status	M	Max. Rep.:	1	NAD-LOC-SG12-SG13-SG15
Group	13	Status	O	Max. Rep.:	9	DOC
Segment:	**DOC**	Seq. Nr.:	24	Level:	2	Documents / message details
		Status:	O	Max. Rep.:	1	
Function:	Specifies business type (Business / Private / etc.) of a party					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
DOC					
C002	**Document/message name**	M			
1001	Document name code	M	an..3	10	10 = Party information
1131	Code list identification code	N			
3055	Code list responsible agency code	M	an..35	ZZZ	ZZZ = Mutually defined
1000	Document name	M		Business	Business type
Example:					
DOC+10::ZZZ:Business'					
Explanation:					
This segment is used to describe the business type of a party (per SG11).					

Qualifizierer (1000)	St.	Description	Example
Business	O	Business	DOC+10::ZZZ:Business'
Direct Consignee	O	End customer	DOC+10::ZZZ:Direct Consignee'
Government	O	Government	DOC+10::ZZZ:Government‘
Private	O	Private	DOC+10::ZZZ:Private‘
Reseller	O	Reseller	DOC+10::ZZZ:Reseller‘

4.6.5 Segment Group 15

4.6.5.1 SG 15 – RFF, References - Registration numbers

Group:	11	Status	M	Max. Rep.:	1	NAD-LOC-SG12-SG13-SG15
Group	15	Status	D	Max. Rep.:	9	RFF
Segment:	**RFF**	Seq. Nr.:	25	Level:	2	References
		Status:	D	Max. Rep.:	1	
Function:	Deferment account number					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
RFF					
C506	Reference	M			
1153	Reference code qualifier	M	an..3	VA	VA = VAT registration number
1154	Reference identifier	M	an..70	DE123456789	USt-ID
1156	Document line identifier	M	an..6	DE	Issuer ISO country code
Example:					
RFF+VA:DE123456789:DE'					
Explanation:					
This segment is used to pass registration numbers of the respective party (SG11) to dutiable shipments.					

Qualifier (1153)	St.	Description	Example
ARB	D	Data Universal Numbering System	RFF+ARB:123456789:DE'
ARR	D	Social Security Number (US)	RFF+ARR:AAA-GG-SSSS:US'
ASW	D	Brazil CNPJ/CPF Federal Tax	RFF+ASW:1232.456.789-10:BR‘
AVY	D	Economic Operator registration ID (EORI)	RFF+ AVY:DE93045678900114:DE'
DA	D	Deferment account number (can be provided by Importer or Exporter only)	RFF+DA:1245698782323:DE'
EI	D	Employer Identification Number (US)	RFF+EI:94-2404110:US'
FT	D	Free Trade Zone ID	RFF+FT:1232456789:JP‘
FED	D	Federal Tax ID (US)	RFF+FED:123-45-6789:US'
STA	D	State Tax ID (US)	RFF+STA:R123456789:US'
VA	D	VAT Registration Number	RFF+VA:DE123456789:DE'
ZZZ	D	Import One-Stop-Shop (IOSS)	RFF+ZZZ:IOSSNUMBER:AT'

4.7 Segment Group 18

4.7.1 SG 18 – GID, Goods item details

Group:	18		Status	M	Max. Rep.:	999	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Segment:	**GID**		Seq. Nr.: 26 Status: M		Level: 1 Max. Rep.: 1		Goods / item details

Function:	Describes the individual packages				
	EDIFACT			Application	
	Description	St	Format	Example	Comment / Note
GID					
1496	Goods item number	M	n..3	1	Serial number per package within the Message
C213	**Number and type of packages**	M			
7224	Package quantity	M	n..1	1	Number of packages of this Position
7065	Package type description code	M	an..17	PK	Type of packaging
	Example:				
	GID+1+1:PK'				
	Explanation:				
1496	Package number (1 to 999)				
7224	Number of packages always 1				

4.7.2 Segment Group 20

4.7.2.1 SG 20 – MEA, Measurements

4.7.2.1.1 SG 20 – MEA+WT, Piece weight

Group:	18	Status	M	Max. Rep.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Group	20	Status	M	Max. Rep.:	2	MEA
Segment:	**MEA**	Seq. Nr.:	27	Level:	2	Measurements
		Status:	M	Max. Rep.:	1	
Function:	Specifies the weight of a package					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
MEA					
6311	Measurement purpose code qualifier	M	an..3	WT	WT = Weight
C502	**Measurement details**	M			
6313	Measured attribute code	M	an..3	AAE	AAE = Weight of the package
C174	**Value/range**	M			
6411	Measurement qualifier	M	an..3	KGM	KGM = Kilogramm
6314	Measurement value	M	d..15.3	5.500	Weight
Example:					
MEA+WT+AAE+KGM:5.50'					
Explanation:					
6411	The weight is always given in kilograms. Weight restrictions. See product specifications 3 decimal places / decimal separator = point. For values < 1.00, a leading zero must be included.				

4.7.2.1.2 SG 20 – MEA+VOL, Piece Volume

Group:	18	Status	M	Max. Rep.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Group	20	Status	D	Max. Rep.:	2	MEA
Segment:	**MEA**	Seq. Nr.:	28	Level:	2	Measurements
		Status:	D	Max. Rep.:	1	
Function:	Specifies the volume of a package					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
MEA					
6311	Measurement purpose code 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	Measurement qualifier	M	an..3	MTQ	MTQ = Cubic meters
6314	Measurement value	M	d..15.3	0.105	Volume
Example:					
MEA+VOL+AAW+MTQ:0.105'					
Explanation:					
In this segment, the volume is indicated if the package is a volume-weight package For details see product specifications 3 decimal places / decimal separator = point. A leading zero must be entered for values < 1.00.					

4.7.3 Segment Group 21

4.7.3.1 SG 21 – DIM, Dimensions

Group:	18	Status	M	Max. Rep.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Group	21	Status	D	Max..Rep.:	2	DIM
Segment:	**DIM**	Seq. Nr.: Status:	29 M	Level: Max. Rep.:	2 1	Dimensions
Function:	Specifies the dimensions of a package					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
DIM					
6145	Dimension type code qualifier	M	an..3	2	2 = Package dimensions
C211	**Dimensions**	M			
6411	Measurement unit code	M	an..3	CMT	CMT = Centimeter
6188	Length	M	n..3	20	Length
6140	Width	M	n..3	30	Width
6008	Height	M	n..3	40	Height
Example:					
DIM+2+CMT:20:30:40'					
Explanation:					
61668	Dimensions of the package only in CMT without **decimal digits**				

4.7.4 Segmentgruppe 22

4.7.4.1 SG 22 – REF, References

Group:	18	Status	M	Max. Rep.:	1	GID-SG20-SG21-SG22-SG23
Group	22	Status	C	Max. Rep.:	9	RFF
Segment:	**RFF**	Lfd. Nr.: Status:	30 M	Ebene: Max. Rep.:	2 1	References
Function:	Specifies Package references					

EDIFACT				Anwendung	
	Description	St	Format	Example	Comment / Note
RFF					
C506	Reference	M			
1153	Reference code qualifier	M	an..3	ACL	ACL = Reference to package ID of the Break Bulk Mother - insert in BBX Baby
1154	Reference identifier	M	an..70	JD000110000123456789	Package ID/ Licenseplatenumber

Example:
RFF+ACL:JD000110000123456789'

Qualifier (1153)	St.	Description	Commentary	Example
CU	O	Package reference	The package reference is not stated on the invoice.	RFF+CU:PieceReference01'
ACL	D	Breakbulk Mother package referenz	Reference to the package of the mother package in breakbulk shipping	RFF+ACL:JD000110000123456789'

4.7.4 Segment Group 23

4.7.4.1 SG 23 – PCI, Package identification

Group:	18	Status	M	Max. Rep.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Group	23	Status	D	Max. Rep.:	1	PCI
Segment:	**PCI**	Seq. Nr.: Status:	30 M	Level: Max. Rep.:	2 1	Package identification
Function:	Trigger segment for segment group 23					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
PCI					
4233	Marking instructions code	M	n..2	18	18 = Carriers instruction

Example:
PCI+18'
Explanation:
At DHL, this segment is used exclusively to initiate segment group 23 and is to be created in accordance with the above specifications.

4.7.4.2 SG 23 – GIN, Goods identity number – Piece identifier

Group:	18	Status	M	Max. Rep.:	1	GID-MOA-PIA-FTX-SG19-SG20-SG21-SG23-SG25
Group	23	Status	M	Max. Rep.:	1	GIN
Segment:	**GIN**	Seq. Nr.: Status:	31 M	Level: Max. Rep.:	3 1	Goods identity number
Function:	Specifies package number					

EDIFACT				Application	
	Description	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	J = AS MH10 LP 00 = GS1 EAN
7402	Object identifier	M	an..45	JD101250014108518836	License plate number

Example:
GIN+AW+J:JD101250014108518836' GIN+AW+00:340432165497871235'
Explanation:
Structure of license plate number see product requirement specifications

4.8 Segment Group 37

4.8.1 SG 37 – EQD, equipment details

Group:	37	Status	D	Max. Rep.:	999	EQD-MEA-FTX-RFF-SG38
Segment:	**EQD**	Seq. Nr.:	32	Level:	1	equipment details
		Status:	M	Max. Rep.:	1	
Function:	Trigger segment for segment group 37					

EDIFACT				Appliction	
	Description	St	Format	Example	Comment / Note
EQD					
8053	Equipment type code qualifier	M	an..3	UL	UL = ULD (Unit load device)
C237	**Equipment identification**	M			
8260	Equipment identifier	M	an..17	1	Number of invoice position

Example:

EQD+UL+1'

Explanation:

This segment serves as a trigger to initiate segment group 37 and identifies the item number in the invoice data. The same type or numbers must be used as the item number as is implemented on the invoice as a document.

4.8.2 SG 37 – MEA+WT, Line item weight

Group:	37	Status	D	Max. Rep.:	999	EQD-MEA-FTX-RFF-SG38
Segment:	**MEA**	Seq. Nr.:	33	Level:	1	Measurements
		Status:	M	Max. Rep.:	9	
Function:	Specifies the weight of a position					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
MEA					
6311	Measurement purpose code qualifier	M	an..3	WT	WT = Weight
C502	**Measurement details**	M			
6313	Measured attribute code	M	an..3	AAE	AAE = Item gross weight
C174	**Value/range**	M			
6411	Measurement qualifier	M	an..3	KGM	KGM = Kilogramm
6314	Measurement value	M	d..15.3	2.500	Weight
Example:					
MEA+WT+AAE+KGM:2.500'					
Explanation:					
6411	The weight is always given in kilograms. 3 decimal places / decimal separator = point. For values < 1.00, a leading zero must be included. One of the two weights (either net or gross) is mandatory.				

Qualifier (6313)	St.	Description	Comment	Example
AAE	D	Item gross weight	Item gross weight	MEA+WT+AAE+KGM:2.500'
AAF	D	Item net weight	Item net weight	MEA+WT+AAF+KGM:1.500'

4.8.3 SG 37 – FTX, Free text

Group:	37	Status	D	Max. Rep.:	999	EQD-MEA-FTX-RFF-SG38
Segment:	**FTX**	Seq. Nr.:	34	Level:	1	Free text
		Status:	M	Max. Rep.:	9	
Function:	Goods description of the item					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
FTX					
4451	Text subject code qualifier	M	an..3	AAA	AAA = Goods description
4453	Free text function code	N			
C107	**Text reference**	N			
C108	**Text literal**	N			
4440	Free text value	M	an..512	Cotton T-shirt white	Goods description of the item
Example:					
FTX+AAA+++Cotton T-shirt white'					
Explanation:					
	This segment is used to transmit the goods specification & country of origin & prepaid taxes per line item.				

Qualifier	St.	Description	Comment	Example
AAA	M	Goods description	Description of good of position	FTX+AAA+++Cotton Tshirt white’
AAH	M	Country of Manufacturer	ISO country code of Country of manufacture	FTX+AAH+++DE'
REG	O	Taxes Prepaid	Flag for prepaid taxes (Y/N)	FTX+REG+++Y'

4.8.4 SG 37 – FTX, Free text – Document ID

Group:	37	Status	D	Max. Rep.:	999	EQD-MEA-FTX-RFF-SG38
Segment:	**FTX**	Seq. Nr.:	35	Level:	1	Free text
		Status:	M	Max. Rep.:	9	
Function:	Specifies additional document ID					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
FTX					
4451	Text subject code qualifier	M	an..3	AAA	AAA = Goods description
4453	Free text function code	N			
C107	**Text reference**	N			
C108	**Text literal**	N			
4440	Free text value	M	an..70	11223344559	11223344559
4440	Free text value	M	an..3	626	626 = CITES Certificate
Example:					
FTX+CUS+++11223344559:626'					
Explanation:					
	This segment is used to transmit additional document ID per line item.				

Qualifier (1001)	St.	Description	Example
585	O	T2LF Dispense Paiement Droits	FTX+CUS+++11223344559:585'
636	O	Analysis and Health Certificate	FTX+CUS+++11223344559:636'
955	O	ATA Carnet	FTX+CUS+++11223344559:955'
864	O	Preference Certificate ATR	FTX+CUS+++11223344559:864'
954	O	Preference Certificate EUR1	FTX+CUS+++11223344559:954'
626	O	CITES Certificate	FTX+CUS+++11223344559:626'
861	O	Generic Certificate of Origin	FTX+CUS+++11223344559:861'
853	O	Veterinary Entry Document	FTX+CUS+++11223344559:853'
869	O	3rd Party Broker Clearance Document	FTX+CUS+++11223344559:869'
890	O	Dangerous Goods Declaration	FTX+CUS+++11223344559:890'
715	O	Indemnity Letter	FTX+CUS+++11223344559:715'
911	O	Import Licenses and Permits	FTX+CUS+++11223344559:911'
851	O	Phytosanitary Certificate	FTX+CUS+++11223344559:851'

4.8.5 SG 37 – RFF, References

Group:	37	Status	D	Max. Rep.:	999	EQD-MEA-FTX-RFF-SG38
Segment:	**RFF**	Seq. Nr.:	36	Level:	1	References
		Status:	O	Max. Rep.:	9	
Function:	Describes references of individual positions					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
RFF					
C506	**Reference**	M			
1153	Reference code qualifier	M	an..3	MF	MF = Manufacturer's part number
1154	Reference identifier	M	an..70	123456789	Reference
Example:					
RFF+MF:123456789'					
Explanations:					
This segment applies to the transmission of references per position of the invoice data.					

Qualifier (1153)	St.	Description	Comment	Example
AFE	O	Export Control Commodity number (ECCN)	Export Control Classification Number	RFF+AFE:ECCN56789'
AAJ	O	Delivery order number	Delivery order number	RFF+AAJ:DO123456789'
ALX	O	Model	Model	RFF+ALX:M123456789'
MF	O	Manufacturer's part number	Part number	RFF+MF:Part123456789'
ON	O	Order number (purchase)	Order number	RFF+ON:Order123456789'
ABW	O	Stock keeping unit number	Stock keeping unit number	RFF+ABW:L123456789'
SE	O	Serial number	Serial number	RFF+SE:SER123456789'
ASH	O	DDS - Due Diligence Statement	Reference EU Deforestation Regulation	RFF+ASH:EU123456789’
AFG	O	TARIC - Tarif integre des Communautes europeennes	Integrated tariff of the European Union (Deforestation Regulation)	RFF+AFG:EU123456789’

4.8.6 SG 38 – RFF, References – Commodity/HS/HTS code

Group:	37	Status	D	Max. Rep.:	999	EQD-MEA-FTX-RFF-SG38
Segment:	**RFF**	Seq. Nr.:	37	Level:	1	References
		Status:	D	Max. Rep.:	9	
Function:	Describes the goods tariff numbers of individual items					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
RFF					
C506	**Reference**	M			
1153	Reference code qualifier	M	an..3	HS	HS = Harmonised system number
1154	Reference identifier	M	an..70	04051011	Goods tariff number
1156	Document line identifier	D	an..6	IM	IM = Import EX = Export
Example:					
RFF+HS:04051011:IM'					
Explanation:					
This segment is valid for the transmission of the goods tariff numbers / HS / HTS codes per position of the invoice data. If the invoice data is used for import and export, the element (1156) must not be transferred.					

Qualifier (1156)	St.	Description	Comment	Example
IM	D	Import	Must be used if invoice data is only used for imports into the EU.	RFF+HS:04051011:IM'
EX	D	Export	Must be used if invoice data is only used for exports from the EU.	RFF+HS:04051011:EX'
	N	Both	Must be used if invoice data is used for export and imports.	RFF+HS:04051011'

4.8.7 Segment group 38

4.8.7.1 SG 38 – TCC, Charge/Rate Calculations

Group:	37	Status	D	Max. Rep.:	1	EQD-MEA-FTX-RFF-SG38
Group	38	Status	M	Max. Rep.:	99	TCC-MOA-QTY
Segment:	**TCC**	Seq. Nr.:	38	Level:	2	Charge/rate calculations
		Status:	D	Max. Rep.:	1	
Function:	Serves to initiate the segment group 38					

EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
MEA					
C200	**Charge**	M			
8023	Freight and other charges description identifier	M	an..17	INV	INV = Rechnung/Invoice
Example:					
TCC+INV'					
Explanations:					
This segment serves as a trigger to initiate segment group 38					

4.8.7.2 SG 38 – MOA+38, Monetary amounts - Value of goods of the position

Group:	37	Status	D	Max. Rep.:	1	EQD-MEA-FTX-RFF-SG38
Group	38	Status	M	Max. Rep.:	99	TCC-MOA-QTY
Segment:	**MOA**	Seq. Nr.:	39	Ebene:	3	Monetary amounts
		Status:	O	Max. Rep.:	9	
Function:	describes value of goods per position (value of unit/article x quantity of items)					

EDIFACT				Application	
	Description	St	Format		Comment / Note
MOA					
C516	**Monetary amount**	M			
5025	Monetary amount type qualifier	M	n..2	38	38 = value of goods of position
5004	Monetary amount	M	d..16.2	5.50	amount
6345	Currency coded	M	an..3	EUR	Code of currency ISO 4217
Example:					
MOA+38:5.50:EUR'					
Comments:					
	2 decimal places / decimal separator = point. A leading zero must be entered for values < 1.00.				

4.8.7.3 SG 38 – MOA+146, Monetary amounts - Value of the item

Group:	37	Status	D	Max. Rep.:	1	EQD-MEA-FTX-RFF-SG38
Group	38	Status	M	Max. Rep.:	99	TCC-MOA-QTY
Segment:	**MOA**	Seq. Nr.: Status:	40 O	Ebene: Max. Rep.:	3 9	Monetary amounts
Function:	describes value of goods per article / unit					

EDIFACT				Application	
	Description	St	Format		Comment / Note
MOA					
C516	**Monetary amount**	M			
5025	Monetary amount type qualifier	M	n..2	146	146 = value of articles
5004	Monetary amount	M	d..16.2	5.50	amount
6345	Currency coded	M	an..3	EUR	Code of currency ISO 4217
Example:					
MOA+146:5.50:EUR'					
Comments:					
	2 decimal places / decimal separator = point. A leading zero must be entered for values < 1.00. Should be omitted if MOA+38 divided by number (QTY) does not correspond exactly to MOA+146 (rounding differences are not permitted)				

4.8.7.4 SG 38 – QTY, Quantity

Group:	37	Status	D	Max..Rep.:	1	EQD-MEA-FTX-RFF-SG38
Group:	38	Status	M	Max. Rep.:	99	TCC-MOA-QTY
Segment:	**QTY**	Seq. Nr.:	41	Level:	3	Quantity
		Status:	D	Max. Rep.:	9	
Function:	Describes the number or quantity per article / unit					

EDIFACT				Application	
	Description	St	Format		Comment / Note
QTY					
C186	**Quantity details**	M			
6063	Quantity type code qualifier	M	an..3	47	47 = Invoiced quantity
6060	Quantity	M	n..10	1	Quantity of article unit
6411	Measurement unit code	M	an..3	PCS	Piece
Example:					
QTY+47:1:PCS'					
Comments:					
	6060 Quantity - only integer values. Decimals are not processed				

Qualifier (6411)	St	Description	Example
4H	D	Micrometers	QTY+47:1:4H'
MMT	D	Millimetre	QTY+47:1:MMT'
CMT	D	Centimetre	QTY+47:1:CMT'
MTR	D	metre	QTY+47:1:MTR'
DMT	D	Decimeter	QTY+47:1:DMT'
MC	D	Microgram	QTY+47:1:MC'
MGM	D	Milligram	QTY+47:1:MGM'
CGM	D	Centigram	QTY+47:1:CGM'
GRM	D	gram	QTY+47:1:GRM'
DG	D	Decigram	QTY+47:1:DG'
KGM	D	Kilogram	QTY+47:1:KGM'
4G	D	Microliter	QTY+47:1:4G'
MLT	D	Millilitre	QTY+47:1:MLT'
CMD	D	Centilitre	QTY+47:1:CMD'
LTR	D	litre	QTY+47:1:LTR'
DLT	D	Decilitre	QTY+47:1:DLT'
4H	D	Cubic Micrometer	QTY+47:1:4H'
MMQ	D	Cubic millimeters	QTY+47:1:MMQ'
CMQ	D	Cubic centimeters	QTY+47:1:CMQ'
MTQ	D	cubic meters	QTY+47:1:MTQ'
DMQ	D	Cubic decimeter	QTY+47:1:DMQ'
MM2	D	Square Micrometer	QTY+47:1:MM2'
MMK	D	Square millimeters	QTY+47:1:MMK'
CMK	D	Square centimeters	QTY+47:1:CMK'
MTK	D	Square meters	QTY+47:1:MTK'
BX	D	Boxing	QTY+47:1:BX'
DZN	D	Dozen	QTY+47:1:DZN'
EA	D	je / à	QTY+47:1:EA'
PCS	D	Piece	QTY+47:1:PCS'
PR	D	Pair	QTY+47:1:PR'
RK	D	Role	QTY+47:1:RK'
SET	D	Set	QTY+47:1:SET'
CTM	D	Carat	QTY+47:1:CTM'

Table 1

4.9 End of the message

4.9.1 UNT – Message Trailer

Segment:	**UNT**	Seq. Nr.: 42 Status: M		Level: 0 Max. Rep.: 1	Message Trailer
Function:	Ends the message				
EDIFACT				Application	
	Description	St	Format	Example	Comment / Note
UNT					
0074	Number of segments in a message	M	n..6	24	Number of segments in message including UNH and UNT
0062	Message reference number	M	an..14	1	Unique identifier of the file
Example:					
UNT+24+1'					
Explanations:					
0062	View UNH segment element 0062 (serial number of the message).				

4.10 End of the transmission file

4.10.1 UNZ – Interchange trailer

Segment:	**UNZ**	Seq. Nr.: 43 Status: M		Level: 0 Max. Rep.: 1	Interchange Trailer
Function:	Ends the data file				
EDIFACT				Application	
	Description	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 identifier of the file
Examples:					
UNZ+1+015'					
Explanations:					
0020	View UNB segment element 0020 (Unique identifier of the file).				

5 Message examples

5.1 Example of non-dutiable shipment from DE to ES

UNA:+.? '
UNB+UNOC:4+142345671.90429+3D_Message_Hub+20140205:1815+015'
UNH+1+IFTMIN:D:01B:UN+DHL3.0/shipping solution V1.0'
BGM+740+6200277077+9'
DTM+9:201402051815:203'
TSR+++ECX:57:87'
FTX+AAA+++jackets and blazers and butter'
CNT+7: 5.505':KGM'
CNT+11:1'
CNT+15:0.105:MTQ'
TOD+6++DAP'
RFF+SRN:Auftrag 4711'
NAD+CZ+142345671++MUELLER AG:EXPORT+LANGSTRASSE 3+DARMSTADT++64295+DE'
LOC+5+FRA/FRA'
CTA+AC+:Hr. Mueller'
COM+06151-1372-800:TE'
NAD+CN+++CONSIGNEE INC.:RIVER BUILDING:2nd FLOOR+SAMPLE STREET 12+VALENCIA++46440+ES'
LOC+8+ES/DHL/VLC/VLC::87'
CTA+AC+:SR. GONZALES'
COM+12345-900:TE'
GID+1+1:PK'
MEA+WT+AAE+KGM:5.500'
MEA+VOL+AAW+MTQ:0.105'
DIM+2+CMT:20:30:40'
PCI+18'
GIN+AW+00:34043416420000016'
UNT+24+1'
UNH+2+IFTMIN:D:01B:UN+DHL3.0/shipping solution V1.0'
Another shipment
UNT+24+2'
UNZ+2+015'

5.2 Example of a non-dutiable shipment from DE to ES (2 pieces)

UNA:+.? '
UNB+UNOC:4+142345671.90429+3D_Message_Hub+20140205:1815+015'
UNH+1+IFTMIN:D:01B:UN+DHL3.0/shipping solution V1.0'
BGM+740+6200277077+9'
DTM+9:201402051815:203'
TSR+++ECX:57:87'
FTX+AAA+++jackets and blazers and butter'
CNT+7:9.010:KGM'
CNT+11:2'
CNT+15:0.210:MTQ'
TOD+6++DAP'
RFF+SRN:Auftrag 4711'
NAD+CZ+142345671++MUELLER AG:EXPORT+LANGSTRASSE 3+DARMSTADT++64295+DE'
LOC+5+FRA/FRA'
CTA+AC+:Hr. Mueller'
COM+06151-1372-800:TE'
NAD+CN+++CONSIGNEE INC.:RIVER BUILDING:2nd FLOOR+SAMPLE STREET 12+VALENCIA++46440+ES'
LOC+8+ES/DHL/VLC/VLC::87'
CTA+AC+:SR. GONZALES'
COM+12345-900:TE'
GID+1+1:PK'
MEA+WT+AAE+KGM:5.500'
MEA+VOL+AAW+MTQ:0.105'
DIM+2+CMT:20:30:40'
PCI+18'
GIN+AW+00:34043416420000016'
GID+2+1:PK'
MEA+WT+AAE+KGM:3.505'
MEA+VOL+AAW+MTQ:0.105'
DIM+2+CMT:20:30:40'
PCI+18'
GIN+AW+00:34043416420000017'
UNT+32+1'
UNZ+1+015'

5.3 Example of a non-dutiable shipment with Saturday delivery

UNA:+.? '
UNB+UNOC:4+142345671.90429+3D_Message_Hub+20140205:1815+017'
UNH+1+IFTMIN:D:01B:UN+DHL3.0/shipping solution V1.0'
BGM+740+6200277077+9'
DTM+9:201402051815:203'
TSR+++ECX:57:87'
FTX+AAA+++jackets and blazers and butter'
FTX+ACB+++AA'
CNT+7:5.500:KGM'
CNT+11:1'
CNT+15:0.105:MTQ'
TOD+6++DAP'
RFF+SRN:Auftrag 4711'
NAD+CZ+142345671++MUELLER AG:EXPORT+LANGSTRASSE 3+DARMSTADT++64295+DE'
LOC+5+FRA'
CTA+AC+:Hr. Mueller'
COM+06151-1372-800:TE'
NAD+CN+++CONSIGNEE INC.:RIVER BUILDING:2nd FLOOR+SAMPLE STREET 12+VALENCIA++46440+ES'
LOC+8+ES/DHL/VLC/VLC::87'
CTA+AC+:SR. GONZALES'
COM+12345-900:TE'
GID+1+1:PK'
MEA+WT+AAE+KGM:5.505'
MEA+VOL+AAW+MTQ:0.105'
DIM+2+CMT:20:30:40'
PCI+18'
GIN+AW+00:34043416420000016'
UNT+25+1'
UNZ+1+017'

5.4 Example of dutiable shipment with invoice data and import One Stop Shop from NZ to DE

UNA:+.? '
UNB+UNOC:4+142345671.90429+3D_Message_Hub+20210401:1815+016'
UNH+341258+IFTMIN:D:01B:UN+DHL3.0/shipping solution V1.0'
BGM+740+3513876446+9'
DTM+9:202104011157:203'
TSR+++WPX:57:87'
MOA+43:27.50:EUR'
MOA+79:27.50:EUR'
FTX+AAA+++jackets and blazers and butter'
FTX+AAI+++Commercial'
FTX+CEX+++P'
CNT+7:2.500:KGM'
CNT+11:1'
CNT+15:0.111:MTQ'
TOD+6++DAP'
LOC+1+:::HAMBURG'
RFF+SRN:REFERENCE ON SHIPMENT LEVEL'
GOR+4'
DOC+380+AA12345678BB'
DTM+3:202104011115:203'
NAD+CZ+950123456+Building Name:District+SHIPPER COMPANY NAME:TEST+ADDRESSLINE1
DETAILS:ADDRESSLINE2 DETAILS:ADDRESSLINE3 DETAILS+GULF HARBOUR+PROVINCE:::STATEIO+0930+NZ'
LOC+5+AKL/NSD'
CTA+AC+:SHIPPER CONTACT'
COM+012123456789:TE'
COM+01212344489:AL'
COM+SHIPPER@EMAIL.COM:EM'
COM+123-1372-807:FX'
RFF+ZZZ:IOSS-NUMBER:DE'
NAD+CN+++RECEIVER NAME+STRASSE:ADRESSZUSATZ2+HAMBURG+HH:::HAMBURG+20253+DE'
LOC+8+DE/DHL/HAM/HH4::87'
CTA+AC+:CONTACT RECEIVER'
COM+?+4969 6912345:TE'
COM+?+49160 12345678:AL'
COM+receiver@email.com:EM'
RFF+VA:DE341445736:DE'
GID+1+1:PK'
MEA+WT+AAE+KGM:2.500'
MEA+VOL+AAW+MTQ:0.111'
DIM+2+CMT:35:26:15'
PCI+18'
GIN+AW+J:JD101250014108518835'
EQD+UL+1'
MEA+WT+AAF+KGM:1.000'
FTX+AAA+++Women?'s girls?' jackets‘
FTX+AAH+++DE'
RFF+HS:61041920:IM'
TCC+INV'
MOA+38:22.00:EUR'
MOA+146:5.50:EUR'
QTY+47:4:PCS'
EQD+UL+2'
MEA+WT+AAF+KGM:1.500'
FTX+AAA+++Natural butter'
FTX+AAH+++AT'
RFF+HS:04051011:IM'
TCC+INV'
MOA+38:5.500:EUR'
MOA+146:5.500:EUR'
QTY+47:1:KGM'
UNT+63+341258'
UNZ+1+016'

5.5 Example of dutiable PLT/IOR shipment incl. MRN and invoice data for export from DE to NZ

UNA:+.? '
UNB+UNOC:4+140123456.10123+3D MESSAGE HUB+20181205:1459+1766'
UNH+341258+IFTMIN:D:01B:UN+DHL3.0/shipping solution V1.0'
BGM+740+3513876450+9'
DTM+9:202104011157:203'
TSR+++WPX:57:87'
MOA+43:27.50:EUR'
MOA+79:27.50:EUR'
FTX+AAA+++jackets and blazers and butter'
FTX+AAI+++Commercial'
FTX+CEX+++P'
FTX+ACB+++DU'
FTX+ACB+++WY'
CNT+7:2.500:KGM'
CNT+11:1'
CNT+15:0.014:MTQ'
TOD+6++DAP'
LOC+1+:::GULF HARBOUR'
RFF+SRN:REFERENCE ON SHIPMENT LEVEL'
RFF+ABT:DE1234567890123456DE'
RFF+IV:960123456'
RFF+ABS:960123456'
GOR+4'
DOC+380+AA12345678BB'
DTM+3:202104011115:203'
NAD+CZ+140123456++SHIP COMPANY
NAME:TEST+STRASSE:ADRESSE2ADRESSE2:ADRESSE3ADRESSE3+HAMBURG+HH:::HAMBURG+20253+DE'
LOC+5+HAM/HH4'
CTA+AC+:SHIPPER CONTACT'
COM+012123456789:TE'
COM+01212344489:AL'
COM+SHIPPER@EMAIL.COM:EM'
COM+123-1372-807:FX'
RFF+VA:SHIPPERVAT:DE'
NAD+CN++Building Name:District+RECEIVER COMPANY NAME:TEST+ADDRESSLINE1 DETAILS:ADDRESSLINE2
DETAILS:ADDRESSLINE3 DETAILS+GULF HARBOUR+PROVINCE:::STATEIO+0930+NZ'
LOC+8+NZ/DHL/AKL/NSD::87'
CTA+AC+:CONTACT RECEIVER'
COM+?+4969 6912345:TE'
COM+?+49160 12345678:AL'
COM+receiver@email.com:EM'
RFF+VA:RECVATNBR:NZ'
NAD+IM+++COMPANY NAME IMPORTEUR+ADDRESS1:ADDRESS2:ADDRESS3+ARKLES BAY++1002+NZ'
CTA+AC+:CONTACT IMPORTEUR'
COM+?+49 89 1234567:TE'
COM+receiver@dhl.com:EM'
RFF+VA:DEVATIMPORT:NZ'
NAD+EX+++COMPANY NAME EXPORTEUR+ADDRESS1:ADDRESS2:ADDRESS3+MUNICH++85517+DE'
CTA+AC+:CONTACT EXPORTEUR '
COM+11122-10:TE'
COM+?+49 160 11122-10:AL'
COM+EMAIL@EXP.COM:EM'
RFF+VA:RGNUMBEXP:DE'
GID+1+1:PK'
MEA+WT+AAE+KGM:1.50'
MEA+VOL+AAW+MTQ:0.105'
DIM+2+CMT:35:26:15'
PCI+18'
GIN+AW+J:JD101250014108518836'
EQD+UL+1'
MEA+WT+AAF+KGM:1.000'
FTX+AAA+++Women?'s girls?' jackets'
FTX+AAH+++DE'
RFF+HS:61041920:IM'

TCC+INV'
MOA+38:22.00:EUR'
MOA+146:5.50:EUR'
QTY+47:4:PCS'
EQD+UL+2'
MEA+WT+AAF+KGM:1.500'
FTX+AAA+++Natural butter'
FTX+AAH+++AT'
RFF+HS:04051011:IM'
TCC+INV'
MOA+38:5.50:EUR'
MOA+146:5.50:EUR'
QTY+47:1:KGM'
UNT+75+341258'
UNZ+1+1766'

5.6 Example of a dutiable DDP shipment with MRN without invoice data from DE to GB

UNA:+.? '
UNB+UNOC:4+140123456.10123+3D MESSAGE HUB+20181205:1459+1766'
UNH+289761+IFTMIN:D:01B:UN+DHL3.0/APPDETAILS‘
BGM+740+7260985314+9'
DTM+9:202105031057:203'
DTM+11:202105031057:203'
TSR+++WPX:57:87'
MOA+43:204.17:GBP'
FTX+AAA+++jackets and blazers and butter'
FTX+ACB+++DD'
CNT+7:3.500:KGM'
CNT+11:1'
CNT+15:0.055:MTQ'
TOD+6++DDP'
RFF+SRN:REFERENCE ON SHIPMENT LEVEL'
RFF+ABT:21DE11122334455E5'
GOR+4'
NAD+CZ+140123456++SHIP COMPANY NAME:TEST
REC+STRASSE:ADRESSE2ADRESSE2ADRESSE2ADRESSE2:ADRESSE3ADRESSE3ADRESSE3ADRESSE3+HAMBURG
+HH:::HAMBURG+20253+DE'
LOC+5+HAM/HH4'
CTA+AC+:SHIPPER CONTACT'
COM+012123456789:TE'
COM+01212344489:AL'
COM+SHIPPER@EMAIL.COM:EM'
COM+123-1372-807:FX'
RFF+VA:SHIPPERVAT:DE'
NAD+CN++Building Name:District+RECEIVER COMPANY NAME:TEST+ADDRESSLINE1 DETAILS+LONDON++NW1
8TE+GB'
LOC+8+GB/DHL/LHR/LNW::87'
CTA+AC+:contact'
COM+1234567890:TE'
COM+email@yahoo.com:EM'
GID+1+1:PK'
MEA+WT+AAE+KGM:3.500'
DIM+2+CMT:51:45:24'
PCI+18'
GIN+AW+J:JD101250014108518837'
UNT+34+289761'
UNZ+1+8535'

6 Glossary

Page number	The page number is a continuously ascending counter per posting list (record type UNH to UNT) for invoice verification across files. If a transport order number is missing, we assume a missing electronic posting list and our clearing department will query this with the customer.
Package	Smallest physical unit transported (e.g. cardboard box, parcel)
Shipment	May comprise one or several packages
Shipment	Shipment
Colli	Packages
Volumetric weight	This is the sum of the volumes of one or several packages
Decimal separator	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 consistent standard for the electronic posting lists (also across all message formats), DHL has stipulated the use of a decimal point as the decimal separator. 1000-separators (e.g., 1,000) are not allowed.
Length/width/height specification	Given in centimeters without decimal places
CIN	Commercial Invoice Integration
Volume specification	Given in cubic meters with three decimal places