



DHL Freight (Sweden) AB

Character separated SHIPMENT INSTRUCTION for DHL HOME DELIVERY partners

Shipment information

Pipe delimited flat file message

Version 1.0

Updated 2014-07-02

Version history

Date / version	Change	Comment	Updated by
2014-07-02 version 1.0	First version.		T Green

General info

This is a description of a character separated flat file format to be used to transfer transport instructions via EDI from DHL Freight.

This format is an alternative to the UN/EDIFACT IFTMIN format, which is the standard format when sending shipment information from DHL Freight.

Each file begins with a header, record type "BOF", and ends with a trailer record, type "EOF".

A shipment contains of several records and every record is one line ending with CR/LF.

The character pipe-sign (|) must be placed immediately after each possible data element.

The first field in every record identifies the record type:

BOF	Beginning of file
SHP	Shipment information
SSR	Special services required
NOT	Additional information as formatted text (instructions, delivery note e.t.c.)
ITM	Goods item information
EOF	End of file

As the pipe-sign separates the individual data fields, it is not allowed to use this character in any text in the file.

Character set ISO 8859-1 is to be used.

Explanation of the columns in the description:

Status:

M	Mandatory – data is always sent
C	Conditional – data can be sent under certain circumstances
N	Not used – for future use an will be sent as an empty field

Format:

a1	Alphabetic 1 character
a..3	Alphabetic up to 3 characters
n2	Numeric 2 digits
n..6	Numeric up to 6 digits
n..8.2	Numeric up to 8 digits, decimal point and 2 digits after the decimal point
an4	Alpha numeric 4 characters
an..35	Alpha numeric up to 35 characters

Record descriptions

Header - Occurs once per file

Type	Field name	Status	Format	Description
BOF (M)	Record type	M	a3	Fixed value "BOF"
	EDI sender	M	an..35	DHL Freight Sweden = 7330924000002
	EDI recipient	M	an..35	Receiver identification as per agreement
	Transmission date	M	n8	Date of transfer CCYYMMDD
	Transmission time	M	n4	Time of transfer HHMM
	File reference	M	an..35	Unique reference for the file
	Test indicator	C	n1	1 = test message

Shipment level - Occurs once per shipment

Type	Field name	Status	Format	Description
SHP (M)	Record type	M	a3	Fixed value "SHP"
	Shipment no.	M	n..10	Shipment/waybill-number
	Product	M	n3	501 = DHL Home Delivery 502 = DHL Home Delivery Return
	Shipping date	C	n6	YYMMDD
	Time of departure	C	n10	YYMMDDHHMM
	Additional field1	N		For future use
	Additional field2	N		For future use
	Customer account no.	M	n..12	Customer account number with DHL
	Customer pallet account	C	n..12	EUR pallet registration number with DHL
	Customer name	M	an..35	
	Customer address	M	an..35	
	Customer additional address	C	an..35	
	Customer postal code	C	an..9	
	Customer city name	C	an..30	
	Customer country code	C	an2	Country code according to ISO 3166
	Customer reference	C	an..35	
	Partner id	M	n..12	Partner Id with DHL
	Partner pallet account	C	n..12	EUR pallet registration number with DHL
	Partner name	M	an..35	
	Partner address	M	an..35	
	Partner additional address	M	an..35	
	Partner postal code	M	an..9	
	Partner city name	M	an..30	
	Partner country code	M	an2	Country code according to ISO 3166
	Partner reference	C	an..35	
	Delivery/Pickup name	M	an..35	
	Delivery/Pickup street	M	an..35	
	Delivery/Pickup additional address	C	an..35	
	Delivery/Pickup postal code	M	an..9	
	Delivery/Pickup city name	M	an..30	
	Delivery/Pickup country code	M	an2	Country code according to ISO 3166
	Delivery/Pickup phone	C	an..17	
	Delivery/Pickup mobile phone	C	an..17	
	Delivery/Pickup email	C	an..64	
	Delivery instructions	C	an..70	
	Delivery instructions 2	C	an..70	
	Total number of pieces	M	n..4	
Total weight	M	n8.1		

Total volume	C	n3.3	
Total loading metres	C	n2.2	
Total pallet places	C	n3.1	
Number of EUR pallets	C		

Special services required - Can be repeated on shipment.

Type	Field name	Status	Format	Description
SSR (C)	Record type	M	a3	Fixed value "SSR"
	Service code	M	an..3	Code for special service required
	Service name	M	an..35	Name for special service required
	Quantity	C	n3	Quantity for specific service
	Phone	C	an..17	Phone required for specific services
	Email	C	an..64	Email required for specific services
	Reference	C	an..35	Reference required for specific services
	Currency code	N	an3	Not in use
	Amount	N	n10.2	Not in use
	PlusGiro Number	N	an..10	Not in use
	BankGiro Number	N	an..10	Not in use

Goods items - Can be repeated on shipment.

Type	Field name	Status	Format	Description
ITM (M)	Record type	M	a3	Fixed value "ITM"
	Parcel Id	C	an..35	
	Package type	M	an..4	CLL = Collie, PLL = Pallet
	Goods description	C	an..70	
	Weight	M	n8.1	
	Volume	C	n3.3	
	Pallet places	C	n3.1	
	Length, cm	C	n4	
	With, cm	C	n4	
	Height, cm	C	n4	

Free text - Can be repeated on shipment (optional)

Type	Field name	Status	Format	Description
NOT (C)	Record type	M	a3	Fixed value "NOT"
	Free text	M	an..70	Free text for printing of delivery notes, instructions e.t.c. A blank character represents an empty row on the document to be printed.

Trailer - Occurs once per file

Type	Field name	Status	Format	Description
EOF (M)	Record type	M	a3	Fixed value "EOF"
	Number of shipments	M	a3	Number of SHIP-records in the file
	File reference	M	an..35	Unique reference for the file

Examples of content in textfile

Samples of content to be received in textfiles where every row is ended with CR/LF.

Exemple containing all record types (one shipment)

```
BOF|7330924000002|5567161350FLYG|20131023|0940|024661365|
SHP|5010300824|501|131023|1310230910||505065||BSH HOME APPLIANCES AB|BOLINDERV.
10|63510|ESKILSTUNA|SE|8811050605|7820||FLYG|BUTIKEN|GAMLA FLYGPLATSVÄGEN
1|LASTKAJEN|42337|TORSLANDA|SE|PARTNER REF|CHRISTER PETERSON|TALLSTIGEN
43|42257|HISINGS
BACKA|SE||0709345995|CHRISTER.PETERSON@DHL.COM|MONTERINGSANVISNINGAR
BIPACKAS|BACKA TILL PÅ BAKSIDAN AV HUSET|0002|00000099.0|001.296|00.40||
SSR|01||||SEK|0000020300.00||
SSR|38|INBÄRNING TILL ANVISAD PLATS||||||
SSR|44|ÅTERTAG AV TRANSPORTSEMBALLAGE||||||
SSR|63|KVÄLLSKÖRNING||||||
SSR|55|INSTALLATION AVANCERAD|002||||||
ITM|373323994443976110|CLL|KSK38V64|00000042.0|000.648||60|60|180|
ITM|373323994443976127|CLL|FRYS HQ8410|00000057.0|000.648||60|60|180|
NOT|FÖLJESEDEL|
NOT| |
NOT|BSH Hushåll Apparater AB      Datum 2013.10.22|
NOT|Landsvägen 32, Box 503      Sändning 5010300824|
NOT|169 29 Solna                Följesedel 8810014528|
NOT| |
NOT|Information|
NOT| |
NOT|Pos  Artikel      Benämning      Levererat|
NOT|-----|
NOT| 10  KSK38V64      Fristående kylskåp      1  EAN 4242002443829|
NOT| |
NOT| 20  FSK42V64      Fristående frysskåp      1  EAN 4242002568331|
NOT| |
NOT| |
NOT|Kolli  2 Vikt.      99 Volym.  1,296|
NOT|-----|
NOT|VIKTIGT Synlig skada skall noteras på kvittenslapp vid mottagande av|
NOT|gods. Synlig och dold skada skall anmälas till BSH AB, dock senast|
NOT| inom 7 arbetsdagar på TEL. 08-734 12 42 FAX. 08-734 12 20.|
EOF|001|024661365|
```

Exemple without NOT-record (3 shipments from 2 customers)

BOF|7330924000002|5567161350FLYG|20131023|0940|024661366|
SHIP|5010300824|501|131023|1310230910|||100100||BSH HOME APPLIANCES AB|BOLINDERV.
10||63510|ESKILSTUNA|SE|ORDER 123|7830||HD PARTNER I KALMAR AB|KLÄMNAVÄGEN
3||57236|OSKARSHAMN|SE|PARTNER REF|SVEN SVENSSON|KAGGENSGATAN
12||39232|KALMAR|SE||0704578105|SVEN.SVENSSON@HOTMAIL.COM|MONTERINGSANVISNINGAR
BIPACKAS|BACKA TILL PÅ BAKSIDAN AV HUSET|0001|00000045.0|000.696|00.20||
SSR|38|INBÄRNING TILL ANVISAD PLATS|||||||
SSR|44|ÅTERTAG AV TRANSPORTemballAGE|||||||
SSR|55|INSTALLATION AVANCERAD|001|||||||
ITM|373309844819070044|CLL|KYLSKÅP|00000042.0|000.648||60|60|180|
SHIP|5010300645|501|131023|1310230910|||100100||BSH HOME APPLIANCES AB|BOLINDERV.
10||63510|ESKILSTUNA|SE|ORDER 456|7830||HD PARTNER I KALMAR AB|KLÄMNAVÄGEN
3||57236|OSKARSHAMN|SE|PARTNER REF|KARL PETTERSSON|STORGATAN
3||38230|NYBRO|SE||0709451015|KALLEP@TELIA.COM|EJ HEMMA
ONSDAGAR||0001|00000012.0|000.038|||
SSR|38|INBÄRNING TILL ANVISAD PLATS|||||||
SSR|44|ÅTERTAG AV TRANSPORTemballAGE|||||||
SSR|57|MONTERING 20|001|||||||
ITM|373309844819070051|CLL|MIKROVÅGSUNGN|00000012.0|000.038||60|45|30|
SHIP|4744819063|501|131023|1310231325|||100300||MEDIA MARKT|ÖLANDSLEDEN
3||39356|KALMAR|SE|ORDER 123|7830||HD PARTNER I KALMAR AB|KLÄMNAVÄGEN
3||57236|OSKARSHAMN|SE|HOME DELIVERY|TOMMY GREEN|ROSGATAN
1||38831|LJUNGBYHOLM|SE|0480-440727|0702086801|TOMMY.GREEN@DHL.COM|EFTER KL.
12||0001|00000001.0|||
SSR|38|INBÄRNING TILL ANVISAD PLATS|||||||
ITM|373309844819070037|CLL|ELVISP|00000001.0|||||||
EOF|003|024661366|