



Message Implementation Guideline

DHL FREIGHT (SWEDEN) DOMESTIC BOOKING MESSAGE IFTMBF

based on

IFTMBF

Firm booking message

UN S.93A S3

Version:	2.3
Issue date:	2023-09-27
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Release notes

Sg	Segment	Modification/Comment	Updated by
	TSR	7085 Code ZPP (Upphämtningsbesked/Pre-advice pickup) added.	C Sjölund T Green
18	DIM	Previous remark - <i>Dimensions can only be sent for items with value '1' in GID 7224, i.e for one single piece. Dimensions can be sent for more than one GID</i> - removed. New remark added: If dimensions are entered and value in GID 7224 (number of packages) is more than 1, we expect that all pieces/items have the same dimensions.	

Structure/Table of contents

Counter	No	Tag	St	MaxOcc	Level	Content	
0000	1	UNA	C	1	0	SERVICE STRING ADVICE	UNA
0000	2	UNB	M	1	0	INTERCHANGE HEADER	UNB
0010	3	UNH	M	1	0	MESSAGE HEADER	UNH
0020	4	BGM	M	1	0	BEGINNING OF MESSAGE	BGM
0050	5	DTM	C	9	1	DATE/TIME/PERIOD	DTM
0060	6	TSR	C	9	1	TRANSPORT SERVICE REQUIREMENTS	TSR
0070	7	FTX	C	9	1	FREE TEXT	FTX
0080	8	CNT	R	4	1	CONTROL TOTAL	CNT
0150		SG3	C	4	1	RFF	SG3
0160	9	RFF	M	1	1	REFERENCE	RFF
0330		SG7	M	1	1	TDT	SG7
0340	10	TDT	M	1	1	DETAILS OF TRANSPORT	TDT
0410		SG9	R	4	1	NAD-SG10	SG9
0420	11	NAD	M	1	1	NAME AND ADDRESS	NAD
0440		SG10	C	2	2	CTA-COM	SG10
0450	12	CTA	M	1	2	CONTACT INFORMATION	CTA
0460	13	COM	C	3	3	COMMUNICATION CONTACT	COM
0580		SG14	C	999	1	GID-FTX-SG17-SG18-SG20	SG14
0590	14	GID	M	1	1	GOODS ITEM DETAILS	GID
0650	15	FTX	C	9	2	FREE TEXT	FTX
0720		SG17	C	99	2	MEA	SG17
0730	16	MEA	M	1	2	MEASUREMENTS	MEA
0750		SG18	C	1	2	DIM	SG18
0760	17	DIM	M	1	2	DIMENSIONS	DIM
0810		SG20	C	9	2	PCI	SG20
0820	18	PCI	M	1	2	PACKAGE IDENTIFICATION	PCI
1180	19	UNT	M	1	0	MESSAGE TRAILER	UNT
0000	20	UNZ	M	1	0	INTERCHANGE TRAILER	UNZ

Segments

Counter	No	Tag	St	MaxOcc	Level	Name	UNA
0000	1	UNA	C	1	0	SERVICE STRING ADVICE	

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNA				
UNA1	Component data element separator	M an1	M an1	
UNA2	Data element separator	M an1	M an1	
UNA3	Decimal notation	M an1	M an1	
UNA4	Release indicator	M an1	M an1	
UNA5	Reserved for future use	M an1	M an1	
UNA6	Segment terminator	M an1	M an1	

Remark:**Example:**

UNA: + . ? ' '

Counter	No	Tag	St	MaxOcc	Level	Name	UNB
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0000 2 **UNB** M 1 0 INTERCHANGE HEADER

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNB				
S001	SYNTAX IDENTIFIER	M	M	
0001	Syntax identifier	M a4	M a4	UNOC
0002	Syntax version number	M n1	M n1	3
S002	INTERCHANGE SENDER	M	M	
0004	Sender identification	M an..35	M an..35	File sender EDI address.
0007	Partner identification code qualifier	C an..4	C an..4	14 EAN (International Article Numbering Association) 30 ISO 6523: Organization identification
S003	INTERCHANGE RECIPIENT	M	M	
0010	Recipient identification	M an..35	M an..35	File recipient EDI address. To be used for all pick-up bookings for DHL Freight Domestic Sweden: 7330924000002
0007	Partner identification code qualifier	C an..4	C an..4	14 EAN (International Article Numbering Association)
S004	DATE/TIME OF PREPARATION	M	M	
0017	Date of preparation	M n6	M n6	
0019	Time of preparation	M n4	M n4	
0020	Interchange control reference	M an..14	M an..14	

Remark:**Example:**

UNB+UNOC:3+000700005561030437:30+7330924000002:14+230924:1535+431031 '

Counter	No	Tag	St	MaxOcc	Level	Name	UNH
0010	3	UNH	M	1	0	MESSAGE HEADER	

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNH				
0062	Message reference number	M an..14	M an..14	Unique message number
S009	MESSAGE IDENTIFIER	M	M	
0065	Message type identifier	M an..6	M an..6	IFTMBF
0052	Message type version number	M an..3	M an..3	S
0054	Message type release number	M an..3	M an..3	93A
0051	Controlling agency	M an..2	M an..2	UN
0057	Association assigned code	C an..6	C an..6	SE0023 = Booking message

Remark:**Example:**

UNH+7581+IFTMBF:S:93A:UN:SE0023'

Counter	No	Tag	St	MaxOcc	Level	Name	BGM
0020	4	BGM	M	1	0	BEGINNING OF MESSAGE	

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
BGM				
C002	DOCUMENT/MESSAGE NAME	C	C	
1001	Document/message name, coded	C an..3	R an..3	335 Booking request
1004	Document/message number	C an..35	C an..35	Senders booking reference. Will be returned in booking confirmation if that is sent.
1225	Message function, coded	C an..3	C an..3	9 Original
4343	Response type, coded	C an..3	C an..3	AQ Response / booking confirmation expected AC Response expected if booking is changed or rejected NA No response / booking confirmation expected

Remark:**Example:**

BGM+335+789654+9+AQ '

Counter	No	Tag	St	MaxOcc	Level	Name	DTM
0050	5	DTM	C	9	1	DATE/TIME/PERIOD	

		Standard		Implementation	
Tag	Name	St Format	St Format	Usage / Remark	
DTM					
C507	DATE/TIME/PERIOD	M	M		
2005	Date/time/period qualifier	M an..3	M an..3	137 Document/message date/time 200 Pick-up date (CCYYMMDD) 234 Pick-up date/time, earliest 235 Pick-up date/time, latest 2 Delivery date, requested (CCYYMMDD) 64 Delivery time, earliest (HHMM) 63 Delivery time, latest (HHMM)	
2380	Date/time/period	C an..35	R an..35		
2379	Date/time/period format qualifier	C an..3	R an..3	102 CCYYMMDD 203 CCYYMMDDHHMM 401 HHMM	

Remark:**Example:**

DTM+137:202309241535:203'

Counter	No	Tag	St	MaxOcc	Level	Name	TSR
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0060 6 **TSR** C 9 1 **TRANSPORT SERVICE REQUIREMENTS**

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
TSR				
C536	CONTRACT AND CARRIAGE CONDITION	C	C	Used for transport product code.
4065	Contract and carriage condition, coded	M an..3	M an..3	102 DHL PAKET 112 DHL PAKET EXPORT 103 DHL SERVICE POINT B2C 109 DHL PARCEL CONNECT 209 DHL SPECIAL 210 DHL PALL 211 DHL STYCKE 212 DHL PARTI 401 DHL HOME DELIVERY via DHL terminal 501 DHL HOME DELIVERY via external terminal
C233	SERVICE	C	N	
7273	Service requirement, coded	M an..3	N	Not used
C537	TRANSPORT PRIORITY	C	N	
4219	Transport priority, coded	M an..3	N	Not used
C703	NATURE OF CARGO	C	C	Used for additional services.
7085	Nature of cargo, coded	M an..3	M an..3	01 DHL Varuförsäkring / DHL Insurance 08 Farligt gods / Dangerous goods 10 Tidsbestämd lossning / Time definite unloading 14 PRE-12 leverans / PRE-12 delivery 15 Bakgavellift lossning / Tail lift unloading 16 Inbärning / Indoor delivery 19 Leveransbesked / Pre-advice by driver 21 PRE-7 leverans/ PRE-7 delivery 22 PRE-10 leverans / PRE-10 delivery 26 Bakgavellift lastning / Tail lift loading 27 Tidsbestämd lastning / Time definite loading 28 Leverans utan kvittens / Delivery without POD 33 Byggplatsleverans / Delivery at construction site 40 Långgods / Long items 43 Dragbil / Truck 50 Termo Värme / Thermo warm 60 Termo Kyla / Thermo cold 91 Hämtning tomma EUR-pallar / Pick-up of empty EUR pallets 98 Begränsad mängd farligt gods / Dangerous goods, limited quantity ZAS Avisering / Notification ZPP Upphämtningsbesked / Pre-advice pickup

Remark:**Example:**

TSR+211+++19'

Counter	No	Tag	St	MaxOcc	Level	Name	FTX
0070	7	FTX	C	9	1	FREE TEXT	

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject qualifier	M an..3	M an..3	TRA Pick-up instruction DIN Delivery instruction ACB Other information
4453	Text function, coded	C an..3	N	Not used
C107	TEXT REFERENCE	C	C	
4441	Free text, coded	M an..3	M an..3	Used with qualifier ACB in 4451: 581 Dispatch party e-mail address 582 Consignor e-mail address 584 Consignee e-mail address 586 Delivery party e-mail address
C108	TEXT LITERAL	C	R	For qualifier TRA two repetitions of 4440 is allowed. For qualifier DIN two repetitions of 4440 is allowed. For qualifier ACB e-mail address is sent in 4440-1.
4440	Free text	M an..70	M an..70	
4440	Free text	C an..70	C an..70	

Remark:**Example:**

FTX+TRA+++Instruction 1:Instruction 2'



Counter	No	Tag	St	MaxOcc	Level	Name	CNT
0080	8	CNT	R	4	1	CONTROL TOTAL	

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
CNT				
C270	CONTROL	M	M	
6069	Control qualifier	M an..3	M an..3	11 Total number of pieces (PCE in 6411) 7 Total weight (KGM in 6411) 15 Total volume in cubic meters (MTQ in 6411) ZLM Total loading meters (MTR in 6411) ZPP Total pallet places (ZPP in 6411)
6066	Control value	M n..18	M n..18	
6411	Measure unit qualifier	C an..3	C an..3	KGM Kilogram PCE Piece MTQ Cubic metre MTR Metre ZPP Pallet places

Remark:**Example:**

CNT+7:90:KGM'

Counter	No	Tag	St	MaxOcc	Level	Name	SG3	RFF
0150		SG3	C	4	1	RFF		
0160	9	RFF	M	1	1	REFERENCE		

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	REFERENCE	M	M	
1153	Reference qualifier	M an..3	M an..3	AAS Transport document Id (Shipment Id) CU Consignor's reference AAO Consignee's reference BN Booking reference
1154	Reference number	C an..35	R an..35	

Remark:**Example:**

RFF+AAS:1234567897'



Counter	No	Tag	St	MaxOcc	Level	Name	SG7	TDT
0330		SG7	M	1	1	TDT		
0340	10	TDT	M	1	1	DETAILS OF TRANSPORT		

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
TDT				
8051	Transport stage qualifier	M an..3	M an..3	20 Main-carriage transport

Remark:**Example:**

TDT+20 '

Counter	No	Tag	St	MaxOcc	Level	Name	SG9	NAD
0410		SG9	R	4	1	NAD-SG10		
0420	11	NAD	M	1	1	NAME AND ADDRESS		

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party qualifier	M an..3	M an..3	CZ Consignor PW Dispatch party CN Consignee DP Delivery party FP Freight payer (mandatory for product DHL PARTI)
C082	PARTY IDENTIFICATION DETAILS	C	C	
3039	Party id identification	M an..17	M an..17	Account number
C058	NAME AND ADDRESS	C	N	
3124	Name and address line	M an..35	N	Not used
C080	PARTY NAME	C	C	
3036	Party name	M an..35	M an..35	Party name
C059	STREET	C	C	
3042	Street and number/P.O. Box	M an..35	M an..35	Delivery address
3042	Street and number/P.O. Box	C an..35	C an..35	Additional address
3164	City name	C an..35	C an..35	City name
3229	Country sub-entity identification	C an..9	N	Not used
3251	Postcode identification	C an..9	C an..9	Postal code
3207	Country, coded	C an..3	C an..3	Country code

Remark:

Complete name and address to physical pick-up place is mandatory to send in NAD+CZ or NAC+PW.

For product DHL PARTI (212) and/or when additional services G7, G10 or G12 is selected it is mandatory to send at least postal code and city to receiver in NAD+CN or NAD+DP.

For product DHL PARTI (212) it is mandatory to send freight payers account number in NAD+FP.

Example:

NAD+CZ+123456++Erikssons Plåt+Lagergatan24:Additional address+Örebro++70330+SE'

Counter	No	Tag	St	MaxOcc	Level	Name	SG10	CTA
0440		SG10	C	2	2	CTA-COM		
0450	12	CTA	M	1	2	CONTACT INFORMATION		

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
CTA				
3139	Contact function, coded	C an..3	R an..3	IC Information contact
C056	DEPARTMENT OR EMPLOYEE DETAILS	C	C	
3413	Department or employee identification	C an..17	N	Not used
3412	Department or employee	C an..35	C an..35	

Remark:**Example:**

CTA+IC+:Lisa Johansson'

Counter	No	Tag	St	MaxOcc	Level	Name	SG10	COM
0440		SG10	C	2	2	CTA-COM		
0460	13	COM	C	3	3	COMMUNICATION CONTACT		

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
COM				
C076	COMMUNICATION CONTACT	M	M	
3148	Communication number	M an..25	M an..25	
3155	Communication channel qualifier	M an..3	M an..3	TE Telephone number AL Mobile phone number

Remark:**Example:**

COM+0191234567:TE '



Counter	No	Tag	St	MaxOcc	Level	Name	SG14	GID
0580		SG14	C	999	1	GID-FTX-SG17-SG18-SG20		
0590	14	GID	M	1	1	GOODS ITEM DETAILS		

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
GID				
1496	Goods item number	C n..5	R n..5	
C213	NUMBER AND TYPE OF PACKAGES	C	C	
7224	Number of packages	M n..8	M n..8	
7065	Type of packages identification	C an..7	C an..7	701 Pallet / Helpall (only used for product DHL PALL) 702 Half pallet / Halvpall (only used for product DHL PALL) Any other code can be used for other products.

Remark:**Example:**

GID+1+1:PCE '

Counter	No	Tag	St	MaxOcc	Level	Name	SG14	FTX
0580		SG14	C	999	1	GID-FTX-SG17-SG18-SG20		
0650	15	FTX	C	9	2	FREE TEXT		

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject qualifier	M an..3	M an..3	AAA Goods description
4453	Text function, coded	C an..3	N	Not used
C107	TEXT REFERENCE	C	N	
4441	Free text, coded	M an..3	N	Not used
C108	TEXT LITERAL	C	C	
4440	Free text	M an..70	M an..70	

Remark:**Example:**

FTX+AAA+++Spare parts'

Counter	No	Tag	St	MaxOcc	Level	Name	SG17	MEA
0720		SG17	C	99	2	MEA		
0730	16	MEA	M	1	2	MEASUREMENTS		

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MEA				
6311	Measurement application qualifier	M an..3	R an..3	WT Weight (KGM in 6411) VOL Volume (MTQ in 6411) ZPP Pallet places (ZPP in 6411)
C502	MEASUREMENT DETAILS	C	C	
6313	Measurement dimension, coded	C an..3	C an..3	G Gross weight
C174	VALUE/RANGE	C	C	
6411	Measure unit qualifier	M an..3	R an..3	KGM Kilogram MTQ Cubic metre ZPP Pallet places
6314	Measurement value	C n..18	R n..18	

Remark:**Example:**

MEA+WT+G+KGM: 90 '

Counter	No	Tag	St	MaxOcc	Level	Name	SG18	DIM
0750		SG18	C	1	2	DIM		
0760	17	DIM	M	1	2	DIMENSIONS		

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DIM				
6145	Dimension qualifier	M an..3	M an..3	1 Gross dimensions
C211	DIMENSIONS	M	M	
6411	Measure unit qualifier	M an..3	M an..3	MTR Metre CMT Centimetre
6168	Length dimension	C n..15	R n..15	
6140	Width dimension	C n..15	C n..15	
6008	Height dimension	C n..15	C n..15	

Remark:

If dimensions are entered and value in GID 7224 (number of packages) is more than 1, we expect that all pieces/items have the same dimensions.

Example:

DIM+1+CMT:120:80:100'



Counter	No	Tag	St	MaxOcc	Level	Name	SG20	PCI
0810		SG20	C	9	2	PCI		
0820	18	PCI	M	1	2	PACKAGE IDENTIFICATION		

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
PCI				
4233	Marking instructions, coded	C an..3	R an..3	24 Unique Piece Id
C210	MARKS & LABELS	C	R	
7102	Shipping marks	M an..35	M an..35	Unique Piece Id
7102	Shipping marks	C an..35	C an..35	
7102	Shipping marks	C an..35	C an..35	
7102	Shipping marks	C an..35	C an..35	
7102	Shipping marks	C an..35	C an..35	
7102	Shipping marks	C an..35	C an..35	
7102	Shipping marks	C an..35	C an..35	
7102	Shipping marks	C an..35	C an..35	
7102	Shipping marks	C an..35	C an..35	
7102	Shipping marks	C an..35	C an..35	

Remark:**Example:**

PCI+24+300901710766240015:300901710766240028:300901710766240030:300901710766240042:300901710766240054:300901710766240066:300901710766240078:300901710766240080:300901710766240092:300901710766240104'



Counter	No	Tag	St	MaxOcc	Level	Name	UNT
1180	19	UNT	M	1	0	MESSAGE TRAILER	

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNT				
0074	Number of segments in a message	M n..6	M n..6	
0062	Message reference number	M an..14	M an..14	

Remark:

Example:

UNT+17+7581'



Counter	No	Tag	St	MaxOcc	Level	Name	UNZ
0000	20	UNZ	M	1	0	INTERCHANGE TRAILER	

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNZ				
0036	Interchange control count	M n..6	M n..6	
0020	Interchange control reference	M an..14	M an..14	

Remark:

Example:

UNZ+1+431031'

Example Message

No	Tag	Example
01	UNA	UNA:+.? '
02	UNB	UNB+UNOC:3+000700005561030437:30+7330924000002:14+230924:1535+431031'
03	UNH	UNH+7581+IFTMBF:S:93A:UN:SE0023'
04	BGM	BGM+335+789654+9+AQ'
05	DTM	DTM+137:202309241535:203'
06	TSR	TSR+211+++19'
07	FTX	FTX+TRA+++Instruction 1:Instruction 2'
08	CNT	CNT+7:90:KGM'
	SG3	
09	RFF	RFF+AAS:1234567897'
	SG7	
10	TDT	TDT+20'
	SG9	
11	NAD	NAD+CZ+123456++Erikssons Plåt+Lagergatan24:Additional address+Örebro++70330+SE'
	SG10	
12	CTA	CTA+IC+:Lisa Johansson'
13	COM	COM+0191234567:TE'
	SG14	
14	GID	GID+1+1:PCE'
15	FTX	FTX+AAA+++Spare parts'
	SG17	
16	MEA	MEA+WT+G+KGM:90'
	SG18	
17	DIM	DIM+1+CMT:120:80:100'
	SG20	
18	PCI	PCI+24+300901710766240015:300901710766240028:300901710766240030:300901710766240042:300901710766240054:300901710766240066:300901710766240078:300901710766240080:300901710766240092:300901710766240104'
19	UNT	UNT+17+7581'
20	UNZ	UNZ+1+431031'

Version history

Date/Version	Sg	Segment	Modification/Comment	Updated by
2014-10-22 Version 2.0		BGM	4343 Updated response type codes.	C Sjölund
		DTM	Qualifiers updated.	
		TSR	4065 Product codes updated.	
		TSR	7085 Codes for additional services updated.	
		TSR/FTX	G-services moved from FTX to TSR.	
		FTX	4440 For qualifier TRA 3 x 4440 is allowed. For qualifier DIN 2 x 4440 is allowed.	
		FTX	4441 Qualifiers for mail addresses added.	
	10	FTX/ CTA	E-mail address for accepting party (confirmation) moved from CTA to FTX.	
	10	FTX/ COM	SMS phone number for accepting party (confirmation) moved from COM to FTX.	
		CNT	6069 Qualifiers updated. 6411 Qualifiers updated.	
	7	LOC	Removed.	
	9	NAD	3035 Party qualifiers updated.	
	10	COM	3155 Communication channel qualifiers updated.	
	14	GID	Max number of repetitions increased to 999.	
	14	GID	7224 Added. 7065 Added.	
	17	MEA	Added.	
	18	DIM	Added comment that dimensions only can be sent for single piece items.	
	18	DIM	6411 Added qualifier CMT for centimetre.	
	20	PCI	Added.	
2020-04-24 Version 2.1		TSR	7085 Code list for additional services updated.	C Sjölund
	11	NAD	Clarification that NAD+FP is mandatory for product DHL PARTI (212).	
2021-09-16 Version 2.2		DTM	Added qualifier 2 = Delivery day, requested.	C Sjölund T Green

**Version history**

Date/Version	Sg	Segment	Modification/Comment	Updated by
		TSR	7085 Code 36 (Extra bemanning) removed. Code 43 (Dragbil / Truck) added.	