

INFORMATION	Seg. Grp	Seg. No	Seg. TAG	Typ/ Leng	Composite/ Data element	Codes/values and comments	Syntax
Service string advice (sign information)			UNA			To define the characters selected for use as delimiters and indicators in the interchange. Specifications defined in the UNA has higher priorities than spesifications in the UNB segment.	M/1
Component data element separator				an..1		The colon (:) An desired sign for part element, is the component data element separator.	M
Data element separator				an..1		The plus (+) Is the sign for segment tag and data element and composite.	M
Decimal notation				an..1		The dot (.) Dot is recommended. (Comma or dot).	M
Release indicator				an..1		The question mark (?) Free drop sign, release character.	M
Reserved				an..1		Space character	M
Segment terminator				an..1		The quote (') Segment terminate character Ex.: UNA:+.? '	M
Interchange header			UNB			The header, to start, identify and specify an interchange.	M/1
Syntax identifier					S001		M
Syntax identifier				an..4	0001	= UNOA (or UNOC) Syntax class A	M
Syntax version number				an..3	0002	= 3	M
Interchange sender					S002		M
Sender identification				an..20	0004	Senders identification	M
Partner identification code qualifier				an..4	0007	Code for partner identification. (Ex: 14-EAN loc. number, 30 – ISO corp. identity no.)	M
Interchange recipient					S003	Schenker identification: corporate identity number	M

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Recipient identification				an..20	0010	= NO009101 Schenker AS	M
Partner identification code qualifier				an..4	0007	= NODI	M
Date/Time of preparation					S004	Date and time for interchange completion	M
Date				n..6	0017	Format: YYMMDD	M
Time				an..4	0019	Format: HHMM	M
Interchange control reference				an..14	0020	Interchange reference. Unique reference, until 14 characters, where the last two characters should be numeric. The two last characters represents batch number in Schenker. See also UNZ.	M
					S005	Not used by Schenker AS	
Application reference				an..14	0026	Optional message identification	C
Test indicator				n..1	0035	= 1 Optional Ex. for test: UNB+UNOA:3+LG000101:NOLG+NO009101:NODI+100730:1322+LG000101071201++NODI+++1' Ex. for production: UNB+UNOA:3+LG000101:NOLG+NO009101:NODI+100730:1322+LG000101071201++NODI'	C
Message header		001	UNH			Header: to identify and specify the message	M/1
Message reference number				n..10	0062	Message number, an unique reference number	M
Message identifier					S009		M
Message type identifier				an..6	0065	= IFTMIN	M

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INFORMATION	Seg. Grp	Seg. No	Seg. TAG	Typ/ Leng	Composite/ Data element	Codes/values and comments	Syntax
Message type version number				an..1	0052	= S	M
Message type release number				an..3	0054	= 93A	M
Controlling agency				an..2	0051	= UN	M
Associaton assigned code				an..6	0057	= NOSM10 Ex.: UNH+1+IFTMIN:S:93A:UN:NOSM10'	C
The beginning of message							
<u>Option 1:</u>							
Document/message name		002	BGM		C002	To indicate the type and function of a message and to transmit the identifying number. A segment of various types depending on the solution.	M/1
Document/Message name, coded				an..3	1001	700 = Domestic waybill/transport	M
Document/message ref./number				an..15	1004	= Senders reference (<i>Schenker requires 15 digits. The ref. have to be an unique at least 6 months</i>) The pos: 1- 4 are customer identific. assigned of Schenker AS. The pos: 5-15 is an unique value.	M
Message function, coded				an..3	1225	9 = Originally waybill. Schenker AS does not handle changes/deleting. Ex.: BGM+700+123400012345678' (<i>without GS1 waybill/sending number.</i>)	C
<u>Option 2:</u>							
Document/message name		002	BGM		C002		M/1
Message name, coded				an..3	1001	700 = Domestic waybill/transport	C
Document/message ref./number				an..15	1004	Not used by Schenker AS	

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INFORMATION	Seg. Grp	Seg. No	Seg. TAG	Typ/ Leng	Composite/ Data element	Codes/values and comments	Syntax
Message function, coded				an..3	1225	Can be omitted, or use.value: 9 Ex.: BGM+700' (with GS1 waybill/sending number, 17 digits, (consignment no. in RFF+AAM))	C
Date/time/period Message date and time Date/time qualifier		003	DTM		C507 2005	To indicate a date and time applying to the whole message 137 = The message date of issue 200 = Pick-up/collection date/time forward, in use for PlusPickup (max. 14 days forward in time) = Waybill date/time (or pickup date/time)	M/1 M M
Date/time/period Date/time/period format qualifier				an..35 an..3	2380 2379	102 = CCYMMDD 203 = CCYMMDDHHMM Ex.: DTM+137:20100803:102' Ex.: DTM+200:201207241000:203'	M M
Transport service requirements Contract and carriage condition Contract and carriage cond., coded		004	TSR		C536 4065	To specify the contract and carriage conditions and service and priority requirements for the transport. <u>Product code:</u> Code 7 = Parcel, one packages (not necessary, Schenker AS will automatically choose 7 or 9	C/5 C C C

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						based on the customers agreement) (Schenker System) 8 = Part/full loading transport (Schenker Direct) 9 = Groupage (is standard, not necessary) (Schenker System) 27 = Direct distribution (door-to-door) (Schenker Direct) ZDD= Part loads retrieved (Groupage) ZAD= Cash against documents/giro service - requires MOA code 50 - account number provided in NAD-RFF for sender - KID given possibly in RFF for code SS ZNF= Cash against documents, net freight mark, specifications as ZAD ZGF= Cash against documents, regulation freight mark, specifications as ZAD ZLS = Schenker Special (required a special agreement with Schenker AS) ZOM= Reshipping goods ZDP= Carry in ordinary, Private delivery ZPA= Private delivery at work ZPQ= Carry in, Bring back packaging, Private delivery ZPU= Carry in, Bring back old apparatus (Unit), Private delivery ZPS= Carry in, Bring back old apparatus (Unit) and packaging, Private delivery ZRE= Returns shipment	 M C M C C C C C C C C C C

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INFORMATION	Seg. Grp	Seg. No	Seg. TAG	Typ/ Leng	Composite/ Data element	Codes/values and comments	Syntax
Monetary amount Monetary amount Monetary amount type qualifier Monetary amount Currency, coded		005	MOA			To indicate a monetary value for entire consignment, e.g. insured value, invoice amount, disbursements, etc. C516 5025 50 = Goods receivable amount (Giro) Max. kr 99.999,00 5004 Amount The amount is given as integers in NOK, or as decimals in NOK 6345 = NOK (standard) Ex.: MOA+50:2500' or MOA+50:150.5 '	C/2 M M M C
Free text Text subject qualifier Text literal Free text Free text Free text		006	FTX			To specify free form or coded text information. Product specification and/or message to carrier. Remarks will be printed on extradition bill. ICN = Product specification for consignee. Used for information to consignee from sender. SIC = Sender's instruction to carrier Until 7 x 70 characters, with restriction 5 x 70 characters per FTX 4440 = Free text 4440 = Free text 4440 = Free text	C/5 M C M C C

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INFORMATION	Seg. Grp	Seg. No	Seg. TAG	Typ/ Leng	Composite/ Data element	Codes/values and comments	Syntax
Free text				an..70	4440	= Free text	C
Free text				an..70	4440	= Free text	C
Free text				an..70		Ex.: FTX+ICN+++Also applies to the order number: Look at the packing list' FTX+SIC+++The recipient has high ramp'	
Control total		007	CNT			To specify totals for a consignment.	M/3
Control total					C270		M
Control qualifier				an..3	6069	7 = Total gross weight for consignment. Gross weight in whole kilogram – least value is 1 kgm and without decimals 11 = Total number of packages 15 = Total cubec for the consignment, without decimals ZLM = Total reported loading meters, expressed in decimeter (dm)	M M C C
Control value				n..18	6066	= Value	M
Measure unit qualifier				an..3	6411	DMQ = Cubic decimeter, all expressed in cubic decimeter (liter) KGM = Kilogram , all expressed in kilogram	C C

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						PCE = Pieces DTM = Decimeter, all expressed in decimeter Ex.: CNT+7:35:KGM'CNT+11:1:PCE'CNT+15:12:DMQ'CNT+ZLM:1:DMT'	C C
Terms of delivery Terms of delivery function, coded Terms of delivery Terms of delivery, coded Code list qualifier	G02		TOD	an..3 an..3 an..3	4055 C100 4053 1131	To specify the applicable term of delivery 5 = Transport condition, fixed value 001 = paid by the receiving part (payment code 0) 023 = paid by the domestic part (payment code 3) Other freight payer will be activated by sending Schenker customer number in NAD+IV and setting the TOD to 001. ZCT = CombiTerms Ex.: TOD+5++023:ZCT'	C/1 M M M C C

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INFORMATION	Seg. Grp	Seg. No	Seg. TAG	Typ/ Leng	Composite/ Data element	Codes/values and comments	Syntax
Reference specifications Reference Reference qualifier Reference number	G03		RFF	an..3 an..17	C506 1153 1154	To express a reference which applies to the entire message such as: the document/message, booking reference, order number etc. AAM = Consignment number (17 digits). Requirements relating to GS1-128/SSCC barcode AAO = Consignee's shipment reference number CO = Buyers order number CU = Consignor's reference number SS = KID (customer identification) reference when giro service is used. Will appear on the invoice (recipient's name will be overwritten). Reference number (Consig.no, / order no. / Senders internal reference. / KID etc.) Ex.: RFF+AAM:70748500001234567' (17 digits) RFF+SS:0123456789012' (max. 15 digits) AAO/CO/CU/SS max. 15 char.	C/4 M M C C C C M
Details of Transport Transport stage qualifier	G08		TDT	an..3	8051	To specify the transport details 20 = main-carriage transport Ex.: TDT+20'	M/1 M

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INFORMATION	Seg. Grp	Seg. No	Seg. TAG	Typ/ Leng	Composite/ Data element	Codes/values and comments	Syntax																																										
Place / location identification	G08		LOC	an..3		To indicate a location such as place of the departure, destination, etc. related to this log of transport	M/3																																										
Place/location qualifier					3227	5 = Place of departure terminal in Schenker (the EDI message from customer will be treated here) 80 = Place of despatch (when it deviates from the departure terminal) 83 = Delivery point	M C M																																										
Location identification					C517		M																																										
Place/location identification				an..25	3225	Zip code or terminal code for the departure terminal	M																																										
Code list qualifier				an..3	1131	16 = Zip code Ex.: LOC+5+AL'LOC+80+1371:16'LOC+83+9000:16' Terminal list: <table border="0"> <tr> <td>Alnabru</td> <td>AL</td> <td>Hønefoss</td> <td>HF</td> <td>Lærdal (Sogn)</td> <td>SD</td> </tr> <tr> <td>Alta</td> <td>AT</td> <td>Kirkenes</td> <td>KI</td> <td>Sortland</td> <td>SO</td> </tr> <tr> <td>Bergen</td> <td>BE</td> <td>Kristiansand</td> <td>KR</td> <td>Stavanger</td> <td>SG</td> </tr> <tr> <td>Bodø</td> <td>BO</td> <td>Mo I Rana</td> <td>MO</td> <td>Steinkjer</td> <td>ST</td> </tr> <tr> <td>Drammen</td> <td>DR</td> <td>Molde</td> <td>MD</td> <td>Stryn</td> <td>SY</td> </tr> <tr> <td>Fredrikstad</td> <td>RO</td> <td>Namsos</td> <td>NM</td> <td>Trondheim</td> <td>TR</td> </tr> <tr> <td>Haugesund</td> <td>HG</td> <td>Narvik</td> <td>NA</td> <td>Tynset</td> <td>TY</td> </tr> </table>	Alnabru	AL	Hønefoss	HF	Lærdal (Sogn)	SD	Alta	AT	Kirkenes	KI	Sortland	SO	Bergen	BE	Kristiansand	KR	Stavanger	SG	Bodø	BO	Mo I Rana	MO	Steinkjer	ST	Drammen	DR	Molde	MD	Stryn	SY	Fredrikstad	RO	Namsos	NM	Trondheim	TR	Haugesund	HG	Narvik	NA	Tynset	TY	C
Alnabru	AL	Hønefoss	HF	Lærdal (Sogn)	SD																																												
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Bergen	BE	Kristiansand	KR	Stavanger	SG																																												
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Drammen	DR	Molde	MD	Stryn	SY																																												
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						Førde FD Otta OT Voss VD Hamar HA Sandefjord VT Svolvær SV Tromsø TM Ålesund AA	
Name and address	G10		NAD			To specify the name and address and their related function	M/1
Party qualifier	5 grp. Rep.			an..3	3035	CZ = Consignor CN = Consignee (shipping address) IV = Invoice recipient (given only if it differs from shipping address) It's required to use Schenker applicable customer number. (When other freight pay than the sender / receiver, ie using NAD + IV then customer number mandatory).	M M C
Party identification details					C082		M
Party id identification				an..17	3039	Customer number. Consignor or consignee customer number at Schenker AS (Req. for CZ)	M/C
Code list qualifier				an..3	3055	87 = Assigned by Schenker	C
Name and address					C080		M
Party name				an..35	3036	Party name (but also name of private person) (Requirement for CN)	M/C
Address - Street					C059		M
Street and number/P.O. Box				an..35	3042	Address 1 (One or two address lines) (Requirement for CN)	M/C

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INFORMATION	Seg. Grp	Seg. No	Seg. TAG	Typ/ Leng	Composite/ Data element	Codes/values and comments	Syntax
Street address 2 City name Postcode identification Country, coded				an..35 an..35 an..9 an..3	3042 3164 3251 3207	Address 2 (Requirement for CN) City name Postcode <i>NO = Norway, not in use</i> Ex.: NAD+CZ+0182031::87'NAD+CN+++SUNDE+FJELLVN 1:v/PER+++2300' Notice that it must be one character between + and : For NAD+CN, the shipping address must always be given in address line 1. Thus we must not send address line 2 without filling in anything address line 1.	M/C C C C
Contact information Contact information, coded Department or employee details Department or employee identification, free form	G11		CTA	an..3 an..35	3139 C056 3412	To identify a person or department within a party. IC = information contact Contact person Ex.: CTA+IC' or CTA+IC+*:Ole Olsen' NB: there must be at least a token character between + and : In the example is it used *	M/1 M C C

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INFORMATION	Seg. Grp	Seg. No	Seg. TAG	Typ/ Leng	Composite/ Data element	Codes/values and comments	Syntax
Communication contact Communication contact Communication number Communication channel, qualifier	G11		COM		C076 3148 3155	To identify a communication number of a department or a person to whom communication should be directed Communication number TE = Telephone SM = Mobile number EM = Electronic mail (only one e.mail address) Ex.: COM+62570000:TE' COM requires CTA- segment. COM+99887766:SM' COM+receiver@abcd.com:EM'	C/1 M M M C C
Reference Reference Reference qualifier Reference number	G14		RFF		C506 1153 1154	To identify a reference used by party (NAD+CZ) ADE = Account number for payment of COD by giro service Number Ex.: RFF+ADE:60011311833'	C/2 M M M

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INFORMATION	Seg. Grp	Seg. No	Seg. TAG	Typ/ Leng	Composite/ Data element	Codes/values and comments	Syntax
Goods item details	G16		GID			To identify a goods item from which transport is undertaken.	M/1
Group: GID/PIA/FTX/MEA/PCI							
Goods item number				n..5	1496	Goods item – consecutive number	M
Number and type of packages					C213		M
Number of packages				n..8	7224	Goods item – number of packages	M
Type of packages identification				an..7	7065	Type of packages, coded. Ex.: PK, CT, BX Ex.: GID+1+2:PK'	C
Additional product id	G16		PIA			To specify article numbers or other product/goods identification numbers	C/1
Product id function qualifier				an..3	4347	5 = Product identification	M
Item number identification					C212		M
Code Unit Value				an..3	7140	= 2 digits Code for calculating in accordance to specific customer contract with Schenker	M
Item number type, coded				an..3	7143	= VN (means: Code unit value for goods) Ex.: PIA+5+51:VN'	M
Free text	G16		FTX			To specify processable supplementary information relating to the goods item.	C/9
Text literal				an..3	4451	AAA = Goods description	M
					C108	Free text	

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				an..25	4440	Ex.: FTX+AAA+++CARTONS'	M
Measurements	G19		MEA			To specify measurements, other than dimensions, applicable to a goods item.	M/3
Measurement application qualifier				an..3	6311	CT = number of units (is related to the PIA group 16) WT = Weights (in whole kilo grams, least value is 1 kg) VOL = Volume without decimals	C M C
Measurement details					C502		C
Measurement dimension, coded				an..3	6313	G = gross weight without decimals N = net weight without decimals	C C
Value/range					C174		M
Measure unit qualifier				an..3	6411	PCE = number of packages KGM = kilogram DMQ = cubic decimeter (in whole dm3)	M M C
Measurement value				n..18	6314	Measurement value without decimals Ex.: MEA+WT+G+KGM:18'MEA+VOL++DMQ:45'MEA+CT++PCE:25' (Gross weight: 18 kg)	M
Package identification	G22		PCI			To specify marks and numbers of a goods item	C/9
Marking instructions, coded				an..3	4233	18 = Carrier's instructions, barcode package-id (GS1 SSCC (=UCC/EAN-128))	M

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Marks & labels Shipping marks Alternative labeling of goods , coded Alternative labeling				n..18 an..3 an..15	C210 7102 4233 C210 7102	Marking labels 24 = Address label goods Free text Using GS1 / SSCC code packages, all packages codes belonging to a transmission given in this segment. There can be up to 10 package codes in a PCI segment and up to 10 PCI segments of a GID structure. This provides up to 100 packages per GID codes and 1000 package codes per parcel shipment. Max. 10 GID. The PCI segment need not be filled up with 10 package codes before the next segment is used. Ex.: PCI+18+370123400005678901:370123400005678911' (Package-id: 370123400005678901) PCI+24+ADR'	M M C C C C
Equipment details Equipment qualifier	G34		EQD	an..3	8053	To specify equipment, and equipment size and type used in the transport CN = Container	C/3 M

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						EFP = Eur-pallet ZPP = Pallet place Ex.: EQD+EFP'	
Number of units Number of unit details Number of units	G34		EQN	n..15	C523 6350	To specify number of pieces of equipment required. Number of Eur-pallets or pallet places (are not used for the container) Ex.: EQN+3' (Number of pallets :3)	C/1 M M
Message trailer Number of segments in a message Message reference number			UNT	n..6 an..14	0074 0062	To end and check the completeness of a message = Number of segments in a message = Message reference (same as in UNH) Ex.: UNT+39+1'	M/1 M M
Interchange trailer Interchange control count Interchange control reference			UNZ	n..6 an..14	0022 0008	To end and check the completeness of an interchange = Number and messages in the interchange (starting with UNH through UNT) = Interchange reference (same as composite 0020 in UNB) Ex.: UNZ+5+ LG000101071201'	M/1 M M

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