

Message structure

cons. No.	Seg.	Stat.	Occ.	Contents
1	UNA	O	1	UNA Service string advice
2	UNB	M	1	UNB Interchange header
3	UNH	M	1	UNH Message header
4	BGM	M	1	BGM Beginning of message
5	DTM	R	1	DTM Despatch advice date
6	DTM	O	1	DTM Despatch date
7	DTM	O	1	DTM Estimated arrival date
8	DTM	O	1	DTM Estimated arrival date
9	MEA	O	1	MEA Consignment's gross weight
10	MEA	O	1	MEA Consignment's net weight
11	MEA	C	1	MEA Consignment volume (Total cube)
12	MEA	O	1	MEA Consignment's loading meters
13	MEA	O	1	MEA Number of hierarchical packed handling units in shipment
14	MOA	C	5	MOA Monetary amount
15	SG1	O	2	Transport Reference Number
	RFF	M	2	RFF Transport Reference Number
16	SG1	C	99	TO Number
	RFF	M	1	RFF TO Number
17	SG1	O	1	FPA-Number
	RFF	M	1	RFF FPA-Number
18	SG1	O	1	Kanban-Transport-ID
	RFF	M	1	RFF Kanban-Transport-ID
19	SG1	O	1	Shipment Reference Number / FPA-Unique-ID
	RFF	M	1	RFF Shipment Reference Number / FPA-Unique-ID
20	SG1	O	1	ASN-Unique-ID
	RFF	M	1	RFF ASN-Unique-ID
21	SG1	O	1	Packing list reference
	RFF	M	1	RFF Packing list reference
22	SG2	O	1	Ship from
	NAD	M	1	NAD Ship from's name and address
	SG3	O	1	Additional Party ID (DUNS)
23	RFF	M	1	RFF Reference
	SG2	R	1	Ship to
24	NAD	M	1	NAD Ship to's name and address

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	25	LOC	R	1	LOC	Place of discharge
	26	LOC	C	1	LOC	Internal place of destination
	27	LOC	O	1	LOC	Place/location identification
		SG3	O	1	Additional Party ID (DUNS)	
	28	RFF	M	1	RFF	Reference
		SG2	R	1	Buyer	
	29	NAD	M	1	NAD	Buyer's name and address
		SG3	C	1	Additional Party ID (DUNS)	
	30	RFF	M	1	RFF	Reference
		SG3	O	1	VAT number	
	31	RFF	M	1	RFF	VAT number
		SG2	R	1	Seller / Supplier	
	32	NAD	M	1	NAD	Seller's name and address
		SG3	O	1	Additional Party ID (DUNS)	
	33	RFF	M	1	RFF	Reference
		SG3	O	1	VAT registration number	
	34	RFF	M	1	RFF	VAT registration number
		SG4	C	10	Supplier Contact	
	35	CTA	M	1	CTA	Contact information
	36	COM	C	5	COM	Communication contact
		SG2	O	1	Freight forwarder	
	37	NAD	M	1	NAD	Freight forwarder
		SG3	C	1	Additional Party ID (DUNS)	
	38	RFF	M	1	RFF	Reference
		SG2	O	1	Carrier	
	39	NAD	M	1	NAD	The carrier is the business partner put in charge of the transport
		SG3	O	1	Additional Party ID (DUNS)	
	40	RFF	M	1	RFF	Reference
		SG2	O	1	Third Party	
	41	NAD	M	1	NAD	Any third party involved in the transport
		SG2	O	1	Ultimate Customer Party	
	42	NAD	M	1	NAD	Ultimate customers's name and address
		SG5	O	1	Terms of delivery	
	43	TOD	M	1	TOD	Terms of delivery or transport

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44	FTX	O	1	FTX	Hazardous Goods
45	FTX	O	1	FTX	Reason Code
46	FTX	O	1	FTX	Comment for Carrier
47	FTX	O	5	FTX	Comment from Carrier
	SG6	O	1		Means of transport
48	TDT	M	1	TDT	Transport information
	SG8	O	10		Equipment
49	EQD	M	1	EQD	Equipment details
	SG10	C	9999		Handling Unit Information / Outer Packing
50	CPS	M	1	CPS	Consignment packing sequence
	SG11	D	1		Handling unit group details (hierarchical)
51	PAC	M	1	PAC	Package
52	MEA	O	1	MEA	Length
53	MEA	O	1	MEA	Width
54	MEA	O	1	MEA	Height
55	MEA	O	1	MEA	Volume
56	MEA	O	1	MEA	Loading Length
57	MEA	C	10	MEA	Measurements
58	QTY	C	10	QTY	Stacking Factor
	SG13	O	1000		List of individual handling units
59	PCI	M	1	PCI	Package identification
	SG14	C	2		GIR
60	GIR	M	1	GIR	Related identification numbers
	SG15	D	2		Individual handling unit's transport label number
61	GIN	M	1	GIN	Individual handling unit's transport label number
	SG15	O	97		Individual handling unit's label numbers
62	GIN	M	1	GIN	Individual packaging item's reference numbers
	SG16	O	1		Individual handling unit's weights
63	COD	M	1	COD	Trigger segment
64	MEA	O	1	MEA	Gross weight
65	MEA	O	1	MEA	Net weight
	SG11	D	9999		Handling unit group details (flat)
66	PAC	M	1	PAC	Package
67	MEA	O	1	MEA	Length

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68	MEA	O	1	MEA	Width
69	MEA	O	1	MEA	Height
70	MEA	O	1	MEA	Volume
71	QTY	O	1	QTY	Maximum stackability
	SG13	O	1000		List of individual handling units
72	PCI	M	1	PCI	Handling unit label type
	SG16	O	1		Individual handling unit's weights
73	COD	M	1	COD	Trigger segment
74	MEA	O	1	MEA	Gross weight
75	MEA	C	9	MEA	Measurements
76	MEA	C	9	MEA	Measurements
	SG10	C	9999		Single Pack and Material Information / Inner Packing
77	CPS	M	1	CPS	Consignment packing sequence
	SG11	D	1		Group of inner packaging items (hierarchical)
78	PAC	M	1	PAC	Package
79	MEA	O	1	MEA	Gross weight
80	MEA	O	1	MEA	Net weight
81	MEA	O	1	MEA	Length
82	MEA	O	1	MEA	Width
83	MEA	O	1	MEA	Height
84	MEA	O	1	MEA	Package volume
85	QTY	O	1	QTY	Actual quantity per package
86	QTY	C	10	QTY	Stacking Factor
	SG13	D	1000		List of individual package items
87	PCI	M	1	PCI	Package identification
	SG14	O	1		Batch number, production / best before date
88	GIR	M	1	GIR	Batch number
89	DTM	O	1	DTM	Production Date
90	DTM	O	1	DTM	Consumption Date
	SG14	O	2		Label Number
91	GIR	M	1	GIR	Related identification numbers
	SG14	C	1		Smallest Packing Unit
92	GIR	M	1	GIR	Related identification numbers
	SG15	C	99		Label number(s)

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93	GIN	M	1	GIN	Label IDs
	SG15	O	99		Kanban card number
94	GIN	M	1	GIN	Kanban card number
	SG15	O	99		Package / Container serial number
95	GIN	M	1	GIN	Serial Number
	SG11	D	9999		Group of inner auxiliary packaging items (hierarchical)
96	PAC	M	1	PAC	Package
97	MEA	O	1	MEA	Gross weight
98	MEA	O	1	MEA	Net weight
99	MEA	O	1	MEA	Length
100	MEA	O	1	MEA	Width
101	MEA	O	1	MEA	Height
102	MEA	O	1	MEA	Package volume
103	QTY	O	1	QTY	Actual quantity per package
104	QTY	C	10	QTY	Stacking Factor
	SG13	D	1000		List of individual package items
105	PCI	M	1	PCI	Package identification
	SG14	O	1		Batch number, production / best before date
106	GIR	M	1	GIR	Batch number
107	DTM	O	1	DTM	Production Date
108	DTM	O	1	DTM	Consumption Date
	SG14	O	2		GIR
109	GIR	M	1	GIR	Related identification numbers
	SG15	C	99		Label number(s)
110	GIN	M	1	GIN	Label IDs
	SG15	O	99		Kanban card number
111	GIN	M	1	GIN	Kanban card number
	SG15	O	99		Package / Container serial number
112	GIN	M	1	GIN	Serial Number
	SG11	D	9999		Group of inner packaging items (flat)
113	PAC	M	1	PAC	Package
114	MEA	O	1	MEA	Length
115	MEA	O	1	MEA	Width
116	MEA	O	1	MEA	Height

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	SG17	D	1	Article and Despatched Article	
117	LIN	M	1	LIN	Line item
118	PIA	C	2	PIA	Additional product id
119	IMD	D	1	IMD	Item description
120	IMD	C	1	IMD	Commodity Description
121	MEA	C	1	MEA	Article Net Weight
122	MEA	C	1	MEA	Article Gross Weight
123	QTY	C	1	QTY	Despatched quantity
124	QTY	C	1	QTY	Despatched quantity of Supplier
125	QTY	C	1	QTY	Split quantity per singlepack line / per handling unit
126	ALI	C	1	ALI	Country of origin, duty regime and nature of transaction
127	DTM	C	5	DTM	Production/Manufacturing Date
128	DTM	C	5	DTM	Expiry Date
129	NAD	C	99	NAD	Manufacturer name and address
130	FTX	C	1	FTX	Article long description
131	FTX	C	99	FTX	Article long description
132	FTX	C	99	FTX	Article long description
133	FTX	C	99	FTX	Article long description
134	FTX	C	99	FTX	Article long description
135	FTX	C	99	FTX	Article long description
136	FTX	C	1	FTX	Article long description
137	FTX	C	1	FTX	Article long description
138	FTX	C	1	FTX	Article long description
139	FTX	C	1	FTX	Article long description
	SG18	C	1	Shipment / Delivery note reference	
140	RFF	M	1	RFF	Shipment / Delivery note reference
141	DTM	O	1	DTM	Delivery note date
	SG18	C	1	Frame Contract Number	
142	RFF	M	1	RFF	Frame Contract Number
	SG18	C	1	Dealer Contract Number	
143	RFF	M	1	RFF	Dealer Contract Number
	SG18	C	1	Delivery instruction / schedule reference and item related contact information	
144	RFF	M	1	RFF	Delivery instruction / JIT Call Number
	SG18	C	1	Order reference	

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145	RFF	M	1	RFF	Order Number
	SG18	C	1		Kanban reference
146	RFF	M	1	RFF	Kanban Number
	SG18	C	1		Invoice Number
147	RFF	M	1	RFF	Invoice Number
148	DTM	C	1	DTM	Reference date
	SG18	C	1		ShipmentID
149	RFF	M	1	RFF	ShipmentID
	SG18	C	1		Consignment Number
150	RFF	M	1	RFF	Consignment Number
151	DTM	O	1	DTM	Reference date
	SG18	O	1		Warehouse Receipt Number
152	RFF	M	1	RFF	Warehouse Receipt Number
	SG18	O	1		WBS Seller
153	RFF	M	1	RFF	WBS Seller
	SG19	C	1		Dangerous goods information
154	DGS	M	1	DGS	Dangerous goods
155	FTX	O	1	FTX	Dangerous goods declaration exception
156	FTX	O	1	FTX	Dangerous goods declaration additional Information
	SG20	C	1		Place of discharge
157	LOC	M	1	LOC	Place of discharge
	SG20	C	1		Internal place of destination
158	LOC	M	1	LOC	Place/location identification
159	UNT	M	1	UNT	Message trailer
160	UNZ	M	1	UNZ	Interchange trailer