

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	M	1	DTM Estimated arrival date
8	DTM	M	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 sh
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 name and address	
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	Carrier name and address
	SG3	O	1	Additional Party ID (DUNS)	
40	RFF	M	1	RFF	Reference
	SG2	O	1	Third Party	
41	NAD	M	1	NAD	Third party name and address
	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	1	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	1		Handling Unit Information / Outer Packing
50	CPS	M	1	CPS	Consignment packing sequence
	SG11	D	9999		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	QTY	O	1	QTY	Quantity
58	QTY	C	10	QTY	Stacking Factor
	SG12	C	10		Customer package description
59	HAN	M	1	HAN	Handling instructions
60	FTX	C	10	FTX	Customer package description
	SG13	O	1000		List of individual handling units
61	PCI	M	1	PCI	Package identification
	SG14	C	2		GIR
62	GIR	M	1	GIR	Related identification numbers
	SG15	D	2		Individual handling unit's transport label number
63	GIN	M	1	GIN	Individual handling unit's transport label number
	SG15	O	97		Individual handling unit's label numbers
64	GIN	M	1	GIN	Individual packaging item's reference numbers
	SG16	O	1		Individual handling unit's weights
65	COD	M	1	COD	Trigger segment
66	MEA	O	1	MEA	Gross weight
67	MEA	O	1	MEA	Net weight

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	SG11	D	9999	Handling unit group details (flat)	
68	PAC	M	1	PAC	Package
69	MEA	O	1	MEA	Length
70	MEA	O	1	MEA	Width
71	MEA	O	1	MEA	Height
72	MEA	O	1	MEA	Volume
73	QTY	O	1	QTY	Maximum stackability
	SG12	C	10	Customer package description	
74	HAN	M	1	HAN	Handling instructions
75	FTX	C	10	FTX	Customer package description
	SG13	O	1000	List of individual handling units	
76	PCI	M	1	PCI	Handling unit label type
	SG16	O	1	Individual handling unit's weights	
77	COD	M	1	COD	Trigger segment
78	MEA	O	1	MEA	Gross weight
	SG10	C	9999	Single Pack and Material Information / Inner Packing	
79	CPS	M	1	CPS	Consignment packing sequence
	SG11	D	9999	Group of inner packaging items (hierarchical)	
80	PAC	M	1	PAC	Package
81	MEA	O	1	MEA	Gross weight
82	MEA	O	1	MEA	Net weight
83	MEA	O	1	MEA	Length
84	MEA	O	1	MEA	Width
85	MEA	O	1	MEA	Height
86	MEA	O	1	MEA	Package volume
87	QTY	O	1	QTY	Actual quantity per package
88	QTY	C	10	QTY	Stacking Factor
	SG12	C	10	Customer package description	
89	HAN	M	1	HAN	Handling instructions
90	FTX	C	10	FTX	Customer package description
	SG13	D	1000	List of individual package items	
91	PCI	M	1	PCI	Package identification
	SG14	O	1	Batch number, production / best before date	
92	GIR	M	1	GIR	Batch number

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93	DTM	O	1	DTM	Production Date
94	DTM	O	1	DTM	Consumption Date
	SG14	O	2	Label Number	
95	GIR	M	1	GIR	Related identification numbers
	SG14	C	1	Smallest Packing Unit	
96	GIR	M	1	GIR	Related identification numbers
	SG15	C	99	Label number(s)	
97	GIN	M	1	GIN	Label IDs
	SG15	O	99	Kanban card number	
98	GIN	M	1	GIN	Kanban card number
	SG15	O	99	Package / Container serial number	
99	GIN	M	1	GIN	Serial Number
	SG11	D	9999	Group of aux. packaging items (hierarchical)	
100	PAC	M	1	PAC	Package
101	MEA	O	1	MEA	Net weight
102	MEA	O	1	MEA	Length
103	MEA	O	1	MEA	Width
104	MEA	C	10	MEA	Measurements
	SG12	C	10	Customer package description	
105	HAN	M	1	HAN	Handling instructions
106	FTX	C	10	FTX	Customer package description
	SG11	D	9999	Group of inner packaging items (flat)	
107	PAC	M	1	PAC	Package
	SG12	C	10	Customer package description	
108	HAN	M	1	HAN	Handling instructions
109	FTX	C	10	FTX	Customer package description
	SG17	D	1	Article and Despatched Article	
110	LIN	M	1	LIN	Line item
111	PIA	C	2	PIA	Additional product id
112	IMD	D	1	IMD	Item description
113	IMD	C	1	IMD	Commodity Description
114	MEA	C	1	MEA	Article Net Weight
115	MEA	C	1	MEA	Article Gross Weight
116	QTY	C	1	QTY	Despatched quantity

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117	QTY	C	1	QTY	Despatched quantity of Supplier
118	ALI	C	1	ALI	Country of origin, duty regime and nature of transa
119	DTM	C	5	DTM	Production/Manufacturing Date
120	DTM	C	5	DTM	Expiry Date
121	NAD	C	99	NAD	Manufacturer name and address
122	FTX	C	1	FTX	Article long description
123	FTX	C	99	FTX	Article long description
124	FTX	C	99	FTX	Article long description
125	FTX	C	99	FTX	Article long description
126	FTX	C	99	FTX	Article long description
127	FTX	C	99	FTX	Article long description
128	FTX	C	1	FTX	Article long description
129	FTX	C	1	FTX	Article long description
130	FTX	C	1	FTX	Article long description
131	FTX	C	1	FTX	Article long description
SG18	C	1		Shipment / Delivery note reference	
132	RFF	M	1	RFF	Shipment / Delivery note reference
133	DTM	O	1	DTM	Delivery note date
SG18	C	1		Frame Contract Number	
134	RFF	M	1	RFF	Frame Contract Number
SG18	C	1		Dealer Contract Number	
135	RFF	M	1	RFF	Dealer Contract Number
SG18	C	1		Delivery instruction / schedule reference and item related contact inform.	
136	RFF	M	1	RFF	Delivery instruction / JIT Call Number
SG18	C	1		Order reference	
137	RFF	M	1	RFF	Order Number
SG18	C	1		Kanban reference	
138	RFF	M	1	RFF	Kanban Number
SG18	C	1		Invoice Number	
139	RFF	M	1	RFF	Invoice Number
140	DTM	C	1	DTM	Reference date
SG18	C	1		Shipment ID	
141	RFF	M	1	RFF	ShipmentID
142	DTM	C	1	DTM	Reference date

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	SG18	C	1	References for aftermarket bypass process	
143	RFF	M	1	RFF	Consignment Number
144	DTM	O	1	DTM	Reference date
	SG18	O	1	Warehouse Receipt Number	
145	RFF	M	1	RFF	Warehouse Receipt Number
	SG18	O	1	WBSSeller	
146	RFF	M	1	RFF	WBS Seller
	SG18	O	1	ECCN EU	
147	RFF	M	1	RFF	ECCN EU
	SG18	O	1	ECCN CN	
148	RFF	M	1	RFF	ECCN CN
	SG18	O	1	ECCN US	
149	RFF	M	1	RFF	ECCN US
	SG18	O	1	Project Number	
150	RFF	M	1	RFF	Project Number
	SG19	C	1	Dangerous goods information	
151	DGS	M	1	DGS	Dangerous goods
152	FTX	O	1	FTX	Dangerous goods declaration exception
153	FTX	C	5	FTX	Dangerous Goods Declaration exceptions II - Addit
	SG20	C	1	Place of discharge	
154	LOC	M	1	LOC	Place of discharge
	SG20	C	1	Internal place of destination	
155	LOC	M	1	LOC	Place/location identification
156	UNT	M	1	UNT	Message trailer
157	UNZ	M	1	UNZ	Interchange trailer