



Message Implementation Guideline

IFCSUM

based on

IFCSUM

Forwarding and consolidation summary message

UN D.01B S3

Version: D.01B Version 4
Issue date: 14.10.2021
Author: CI/POI1
Contact: EAI.SolutionCenter1@de.bosch.com



Forwarding and consolidation summary message

Structure / Table of Contents

Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	UNA	C	1	0	Service string advice
0000	2	UNB	M	1	0	Interchange header
0010	3	UNH	M	1	0	Message header
0020	4	BGM	M	1	0	Beginning of message
0030	5	DTM	R	1	1	Date/time/period
0050	6	FTX	C	1	1	General text information
0060	7	CNT	C	1	1	Total gross weight
0060	8	CNT	C	1	1	Total number of packages
0090		SG1	R	1	1	Shipment reference number
0100	9	RFF	M	1	1	Reference
0090		SG1	C	1	1	Bill of lading number
0100	10	RFF	M	1	1	Reference
0090		SG1	C	1	1	Booking reference number
0100	11	RFF	M	1	1	Reference
0210		SG4	R	1	1	Carrier information
0220	12	NAD	M	1	1	Name and address
0420		SG9	R	1	1	Transport details
0430	13	TDI	M	1	1	Details of transport
0440	14	DTM	C	1	2	Departure date
0440	15	DTM	C	1	2	Departure date scheduled
0440	16	DTM	C	1	2	Arrival date scheduled
0450	17	TSR	C	1	2	Transport service requirements (in case of direct shipment or fine distribution)
0450	18	TSR	C	1	2	Transport service requirements (in case of Outbound Interface 2.0)
0460		SG10	C	5	2	Place of transshipment / ETD seaport ship and other locations
0470	19	LOC	M	1	2	Place/location identification
0880		SG21	C	3	1	Equipment information
0890	20	EQD	M	1	1	Equipment details
0930	21	MEA	C	1	2	Equipment weight
0950	22	SEL	C	9	2	Seal number
1120		SG25	R	9999	1	Consignment
1130	23	CNI	M	1	1	Consignment information
1260	24	DTM	C	1	2	Delivery date requested
1260	25	DTM	C	1	2	Pick-up/collection date of cargo
1260	26	DTM	C	1	2	Goods collection or pick-up date/time, planned
1320	27	FTX	C	99	2	Transport information text
1370		SG31	R	1	2	Terms of delivery information
1380	28	TOD	M	1	2	Terms of delivery or transport

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Structure / Table of Contents

Counter	No	Tag	St	MaxOcc	Level	Content
1390	29	LOC	R	1	3	Place of terms of delivery
1400		SG32	R	1	2	Delivery note number
1410	30	RFF	M	1	2	Reference
1400		SG32	R	1	2	Customer reference number
1410	31	RFF	M	1	2	Reference
1400		SG32	C	1	2	Customs declaration number
1410	32	RFF	M	1	2	Reference
1400		SG32	C	1	2	Consignor's reference number
1410	33	RFF	M	1	2	Reference
1400		SG32	C	1	2	Invoice number
1410	34	RFF	M	1	2	Reference
1900		SG43	C	1	2	Consignor information
1910	35	NAD	M	1	2	Name and address
1900		SG43	C	1	2	Consignee information
1910	36	NAD	M	1	2	Name and address
1940		SG44	C	1	3	Consignee contact
1950	37	CTA	M	1	3	Contact information
1960	38	COM	C	9	4	Communication contact
1900		SG43	C	1	2	Freight/charges payer
1910	39	NAD	M	1	2	Name and address
1900		SG43	C	1	2	Despatch party information
1910	40	NAD	M	1	2	Name and address
1940		SG44	C	1	3	Despatch party contact
1950	41	CTA	M	1	3	Contact information
1960	42	COM	C	9	4	Communication contact
2080		SG47	C	1	3	Despatch party VAT ID
2090	43	RFF	M	1	3	Reference
1900		SG43	C	1	2	Delivery party information
1910	44	NAD	M	1	2	Name and address
1940		SG44	C	1	3	Delivery party contact
1950	45	CTA	M	1	3	Contact information
1960	46	COM	C	9	4	Communication contact
2080		SG47	C	1	3	Delivery party VAT ID
2090	47	RFF	M	1	3	Reference
1900		SG43	C	1	2	Sales responsible information
1910	48	NAD	M	1	2	Name and address
1940		SG44	C	1	3	Sales responsible contact

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Structure / Table of Contents

Counter	No	Tag	St	MaxOcc	Level	Content
1950	49	CTA	M	1	3	Contact information
1960	50	COM	C	9	4	Communication contact
2230		SG50	C	999	2	Goods item details Packaging
2240	51	GID	M	1	2	Goods item details
2250	52	HAN	C	1	3	Handling instructions
2380		SG52	C	1	3	Gross weight
2390	53	MEA	M	1	3	Measurements
2380		SG52	C	1	3	Net weight
2390	54	MEA	M	1	3	Measurements
2380		SG52	C	1	3	Volume
2390	55	MEA	M	1	3	Measurements
2410		SG53	C	1	3	Gross dimensions
2420	56	DIM	M	1	3	Dimensions
2470		SG55	C	999	3	Package identification
2480	57	PCI	M	1	3	Package identification
2510	58	GIN	C	1	4	Goods identity number
2230		SG50	C	999	2	Goods item details Article information
2240	59	GID	M	1	2	Goods item details
2290	60	LOC	C	9	3	Country of origin
2310	61	PIA	C	1	3	Additional product id
2330	62	FTX	C	1	3	Goods description text
2380		SG52	C	1	3	Packaged quantity
2390	63	MEA	M	1	3	Measurements
2440		SG54	R	1	3	Delivery note/Delivery note position Reference
2450	64	RFF	M	1	3	Reference
2440		SG54	C	1	3	BOSCH order number
2450	65	RFF	M	1	3	Reference
2440		SG54	C	1	3	Customer order number
2450	66	RFF	M	1	3	Reference
2910		SG65	C	10	3	Dangerous goods information
2920	67	DGS	M	1	3	Dangerous goods
2930	68	FTX	C	10	4	Dangerous goods additional information
2930	69	FTX	C	10	4	Dangerous goods technical text
3370	70	UNT	M	1	0	Message trailer
0000	71	UNZ	M	1	0	Interchange trailer

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
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:+.? '

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
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 UN/ECE level C
0002	Syntax version number	M n1	M n1	3 Version 3
S002	Interchange sender	M	M	
0004	Sender identification	M an..35	M an..35	Fix value "BOSCH_SAPSystemID" in case of Outbound Interface 2.0, for instance BOSCH_POE Fix value "BOSCH EDI-TEAM" in case of direct shipment or fine distribution
0007	Partner identification code qualifier	C an..4	N	Not used
0008	Address for reverse routing	C an..14	N	Not used
S003	Interchange recipient	M	M	
0010	Recipient identification	M an..35	M an..35	
0007	Partner identification code qualifier	C an..4	N	Not used
0014	Routing address	C an..14	N	Not used
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	
S005	Recipient's reference, password	C	N	
0022	Recipient's reference/password	M an..14	N	Not used
0025	Recipient's reference/password qualifier	C an2	N	Not used
0026	Application reference	C an..14	N	Not used
0029	Processing priority code	C a1	N	Not used
0031	Acknowledgement request	C n1	N	Not used
0032	Communications agreement ID	C an..35	N	Not used
0035	Test indicator	C n1	C n1	in case of test 1 Interchange is a test

Remark:

Example:

UNB+UNOC:3+BOSCH EDI-TEAM+Carrier ID+180824:1357+0001000011+++++1'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
O=Optional, F=Floating, D=Dependent, A=Advised,
S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
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	
S009	Message identifier	M	M	
0065	Message type	M an..6	M an..6	IFCSUM Forwarding and consolidation summary message
0052	Message version number	M an..3	M an..3	D Draft version/UN/EDIFACT Directory
0054	Message release number	M an..3	M an..3	01B Release 2001 - B
0051	Controlling agency	M an..2	M an..2	UN UN/CEFACT
0057	Association assigned code	C an..6	N	Not used
0068	Common access reference	C an..35	N	Not used
S010	Status of the transfer	C	N	
0070	Sequence of transfers	M n..2	N	Not used
0073	First and last transfer	C a1	N	Not used

Remark:

Example:

UNH+1+IFCSUM:D:01B:UN'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

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	R	
1001	Document name code	C an..3	R an..3	610 Forwarding instructions
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
1000	Document name	C an..35	N	Not used
C106	Document/message identification	C	R	
1004	Document identifier	C an..35	R an..35	
1056	Version identifier	C an..9	N	Not used
1060	Revision identifier	C an..6	N	Not used
1225	Message function code	C an..3	C an..3	1 Cancellation (Message cancelling a previous transmission for a given transaction) 4 Change (Message containing items to be changed) 9 Original (Initial transmission related to a given transaction) 22 Final transmission (final message in a related series of messages together making up a commercial, administrative or transport transaction)
4343	Response type code	C an..3	N	Not used

Remark:

Example:

BGM+610+1033403+9'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

0030	5	DTM	R	1	1	Date/time/period
------	---	------------	---	---	---	------------------

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	137 Document/message date/time
2380	Date or time or period value	C an..35	R an..35	
2379	Date or time or period format code	C an..3	R an..3	204 CCYYMMDDHHMMSS

Remark:

Example:

DTM+137:20180824135754:204'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0050	6	FTX	C	1	1	General text information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject code qualifier	M an..3	M an..3	AAI General information
4453	Free text function code	C an..3	N	Not used
C107	Text reference	C	N	
4441	Free text value code	M an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C108	Text literal	C	R	
4440	Free text value	M an..512	M an..512	
4440	Free text value	C an..512	C an..512	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
3453	Language name code	C an..3	N	Not used
4447	Free text format code	C an..3	N	Not used

Remark:

Additional handling information, e.g. where to hand over goods in case of preliminary leg.

Example:

FTX+AAI+++ BEI ABGANGSORT KARLSRUHE GILT INCOTERM FCA FRANKFURT !!!'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0060	7	CNT	C	1	1	Total gross weight

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
CNT				
C270	Control	M	M	
6069	Control total type code qualifier	M an..3	M an..3	7 Total gross weight
6066	Control total value	M n..18	M n..18	
6411	Measurement unit code	C an..3	N	Not used

Remark:

Example:

CNT+7:18769.000'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

0060	8	CNT	C	1	1	Total number of packages
------	---	------------	---	---	---	--------------------------

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
CNT				
C270	Control	M	M	
6069	Control total type code qualifier	M an..3	M an..3	11 Total number of packages
6066	Control total value	M n..18	M n..18	
6411	Measurement unit code	C an..3	N	Not used

Remark:

Example:

CNT+11:77'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0090		SG1	R	1	1	Shipment reference number
0100	9	RFF	M	1	1	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	SRN Shipment reference number
1154	Reference identifier	C an..70	C an..70	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+SRN:1593395 '

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0090		SG1	C	1	1	Bill of lading number
0100	10	RFF	M	1	1	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	BM Bill of lading number
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+BM:1033403'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0090		SG1	C	1	1	Booking reference number
0100	11	RFF	M	1	1	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	BN Booking reference number
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+BN:sdfe34524'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0210		SG4	R	1	1	Carrier information
0220	12	NAD	M	1	1	Name and address

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	CA Carrier
C082	Party identification details	C	R	
3039	Party identifier	M an..35	M an..35	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C058	Name and address	C	N	
3124	Name and address description	M an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
C080	Party name	C	C	
3036	Party name	M an..35	M an..35	
3036	Party name	C an..35	C an..35	
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3045	Party name format code	C an..3	N	Not used
C059	Street	C	C	
3042	Street and number or post office box identifier	M an..35	M an..35	
3042	Street and number or post office box identifier	C an..35	C an..35	
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3164	City name	C an..35	C an..35	
C819	Country sub-entity details	C	C	
3229	Country sub-entity name code	C an..9	C an..9	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3228	Country sub-entity name	C an..70	N	Not used
3251	Postal identification code	C an..17	C an..17	
3207	Country name code	C an..3	C an..3	for example DE GERMANY

Remark:

Example:

NAD+CA+Carrier ID++Carrier name1:Carrier name2+Carrier street 45:--+Carrier city+ZZ+12345+DE'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0420		SG9	R	1	1	Transport details
0430	13	TDT	M	1	1	Details of transport

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
TDT				
8051	Transport stage code qualifier	M an..3	M an..3	10 Pre-carriage transport 20 Main-carriage transport 21 Main carriage - first carrier 22 Main carriage - second carrier 23 Main carriage - third carrier
8028	Means of transport journey identifier	C an..17	C an..17	i.e. 6-digit route information
C220	Mode of transport	C	C	
8067	Transport mode name code	C an..3	C an..3	for example 10 Maritime transport 20 Rail transport 30 Road transport 40 Air transport
8066	Transport mode name	C an..17	N	Not used
C228	Transport means	C	C	
8179	Transport means description code	C an..8	C an..8	for example 13 Ocean vessel 31 Truck
8178	Transport means description	C an..17	N	Not used
C040	Carrier	C	C	
3127	Carrier identifier	C an..17	C an..17	SCAC code
1131	Code list identification code	C an..17	C an..17	172 Carriers
3055	Code list responsible agency code	C an..3	N	Not used
3128	Carrier name	C an..35	N	Not used
8101	Transit direction indicator code	C an..3	N	Not used
C401	Excess transportation information	C	N	
8457	Excess transportation reason code	M an..3	N	Not used
8459	Excess transportation responsibility code	M an..3	N	Not used
7130	Customer shipment authorisation identifier	C an..17	N	Not used
C222	Transport identification	C	C	
8213	Transport means identification name identifier	C an..9	C an..9	10 Truck License plate number 30 Name of the ship 40 Flight number
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
8212	Transport means identification name	C an..35	C an..35	i.e. truck plate or ship name
8453	Transport means nationality	C an..3	N	Not used

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
O=Optional, F=Floating, D=Dependent, A=Advised,
S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
8281	code Transport means ownership indicator code	C an..3	N	Not used

Remark:

Example:

TDT+20+route no.+30+31+09DTWL:172+++10:::Truck plate/ship name'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
O=Optional, F=Floating, D=Dependent, A=Advised,
S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0420		SG9	R	1	1	Transport details
0440	14	DTM	C	1	2	Departure date

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	186 Departure date/time, actual
2380	Date or time or period value	C an..35	R an..35	
2379	Date or time or period format code	C an..3	R an..3	203 CCYYMMDDHHMM

Remark:

Example:

DTM+186:201808241200:203'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0420		SG9	R	1	1	Transport details
0440	15	DTM	C	1	2	Departure date scheduled

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	189 Departure date/time, scheduled
2380	Date or time or period value	C an..35	R an..35	
2379	Date or time or period format code	C an..3	R an..3	102 CCYYMMDD

Remark:

Example:

DTM+189:20180824:102'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0420		SG9	R	1	1	Transport details
0440	16	DTM	C	1	2	Arrival date scheduled

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	232 Arrival date/time, scheduled
2380	Date or time or period value	C an..35	R an..35	
2379	Date or time or period format code	C an..3	R an..3	102 CCYYMMDD

Remark:

Example:

DTM+232:20180824:102'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0420		SG9	R	1	1	Transport details
0450	17	TSR	C	1	2	Transport service requirements (in case of direct shipment or fine distribution)

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
TSR				
C536	Contract and carriage condition	C	R	
4065	Contract and carriage condition code	M an..3	M an..3	BCU Booking Customer
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C233	Service	C	N	
7273	Service requirement code	M an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
7273	Service requirement code	C an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C537	Transport priority	C	N	
4219	Transport service priority code	M an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C703	Nature of cargo	C	N	
7085	Cargo type classification code	M an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used

Remark:

Example:

TSR+BCU'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0420		SG9	R	1	1	Transport details
0450	18	TSR	C	1	2	Transport service requirements (in case of Outbound Interface 2.0)

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
TSR				
C536	Contract and carriage condition	C	N	
4065	Contract and carriage condition code	M an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C233	Service	C	C	
7273	Service requirement code	M an..3	M an..3	AIR SEA TRUCK RAIL
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
7273	Service requirement code	C an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C537	Transport priority	C	C	
4219	Transport service priority code	M an..3	M an..3	A means AIR => A0x S means SEA => S0x R means RAIL => R0x T means TRUCK => T0x A01 EMERGENCY A02 CRITICAL A03 STANDARD A04 NFO (Next flight out) S01 FCL/FCL/FCL S02 LCL/FCL/FCL S03 LCL/LCL/LCL R01 FCL/FCL/FCL R02 LCL/FCL/FCL R03 LCL/LCL/LCL T01 FTL T02 LTL
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C703	Nature of cargo	C	N	
7085	Cargo type classification code	M an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used

No = Consecutive segment number

MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standardSt = Status (M=Mandatory, R=Required, C=Conditional,
O=Optional, F=Floating, D=Dependent, A=Advised,
S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Remark:

Example:

TSR++AIR+A01 '

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
O=Optional, F=Floating, D=Dependent, A=Advised,
S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0460		SG10	C	5	2	Place of transshipment / ETD seaport ship and other locations
0470	19	LOC	M	1	2	Place/location identification

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LOC				
3227	Location function code qualifier	M an..3	M an..3	13 Place of transshipment 7 Place of delivery 9 Place/port of loading 11 Place/port of discharge 88 Place of receipt
C517	Location identification	C	R	
3225	Location name code	C an..25	R an..25	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3224	Location name	C an..256	N	Not used
C519	Related location one identification	C	N	
3223	First related location name code	C an..25	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3222	First related location name	C an..70	N	Not used
C553	Related location two identification	C	N	
3233	Second related location name code	C an..25	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3232	Second related location name	C an..70	N	Not used
5479	Relation code	C an..3	N	Not used

Remark:

Example:

LOC+13+place of transship'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0880		SG21	C	3	1	Equipment information
0890	20	EQD	M	1	1	Equipment details

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
EQD				
8053	Equipment type code qualifier	M an..3	M an..3	for example AQ Road/rail trailer CN Container TE Trailer
C237	Equipment identification	C	R	
8260	Equipment identifier	C an..17	R an..17	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3207	Country name code	C an..3	N	Not used
C224	Equipment size and type	C	N	
8155	Equipment size and type description code	C an..10	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
8154	Equipment size and type description	C an..35	N	Not used
8077	Equipment supplier code	C an..3	N	Not used
8249	Equipment status code	C an..3	N	Not used
8169	Full or empty indicator code	C an..3	N	Not used

Remark:

Example:

EQD+CN+UACU5662671'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0880		SG21	C	3	1	Equipment information
0930	21	MEA	C	1	2	Equipment weight

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MEA				
6311	Measurement purpose code qualifier	M an..3	M an..3	WT Weights
C502	Measurement details	C	C	
6313	Measured attribute code	C an..3	C an..3	T Tare weight
6321	Measurement significance code	C an..3	N	Not used
6155	Non-discrete measurement name code	C an..17	N	Not used
6154	Non-discrete measurement name	C an..70	N	Not used
C174	Value/range	C	R	
6411	Measurement unit code	M an..3	M an..3	Use UN/ECE Recommendation 20, for example KGM kilogram
6314	Measurement value	C an..18	R an..18	
6162	Range minimum value	C n..18	N	Not used
6152	Range maximum value	C n..18	N	Not used
6432	Significant digits quantity	C n..2	N	Not used
7383	Surface or layer code	C an..3	N	Not used

Remark:

Example:

MEA+WT+T+KGM:2570.000'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0880		SG21	C	3	1	Equipment information
0950	22	SEL	C	9	2	Seal number

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
SEL				
9308	Seal identifier	C an..35	R an..35	
C215	Seal issuer	C	C	
9303	Sealing party name code	C an..3	C an..3	SH Shipper
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
9302	Sealing party name	C an..35	C an..35	
4517	Seal condition code	C an..3	N	Not used
C208	Identity number range	C	N	
7402	Object identifier	M an..35	N	Not used
7402	Object identifier	C an..35	N	Not used

Remark:

Example:

SEL+035514+SH::Sealing party name'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1120		SG25	R	9999	1	Consignment
1130	23	CNI	M	1	1	Consignment information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
CNI				
1490	Consolidation item number	C n..4	R n..4	
C503	Document/message details	C	R	
1004	Document identifier	C an..35	R an..35	Reference number, which should be send back in the IFTSTA message
1373	Document status code	C an..3	N	Not used
1366	Document source description	C an..70	N	Not used
3453	Language name code	C an..3	N	Not used
1056	Version identifier	C an..9	N	Not used
1060	Revision identifier	C an..6	N	Not used
1312	Consignment load sequence identifier	C n..4	N	Not used

Remark:

Example:

CNI+1+P38-1593395'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1120		SG25	R	9999	1	Consignment
1260	24	DTM	C	1	2	Delivery date requested

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	2 Delivery date/time, requested
2380	Date or time or period value	C an..35	R an..35	
2379	Date or time or period format code	C an..3	R an..3	203 CCYYMMDDHHMM

Remark:

Example:

DTM+2:201808241200:203'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1120		SG25	R	9999	1	Consignment
1260	25	DTM	C	1	2	Pick-up/collection date of cargo

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	200 Pick-up/collection date/time of cargo
2380	Date or time or period value	C an..35	R an..35	
2379	Date or time or period format code	C an..3	R an..3	203 CCYYMMDDHHMM

Remark:

Example:

DTM+200:201808241200:203'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1120		SG25	R	9999	1	Consignment
1260	26	DTM	C	1	2	Goods collection or pick-up date/time, planned

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	398 Goods collection or pick-up date/time, planned
2380	Date or time or period value	C an..35	R an..35	
2379	Date or time or period format code	C an..3	R an..3	203 CCYYMMDDHHMM 719 CCYYMMDDHHMM-CCYYMMDDHHMM

Remark:

Example:

DTM+398:201808241200:203'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1120		SG25	R	9999	1	Consignment
1320	27	FTX	C	99	2	Transport information text

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject code qualifier	M an..3	M an..3	TRA Transportation information
4453	Free text function code	C an..3	N	Not used
C107	Text reference	C	N	
4441	Free text value code	M an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C108	Text literal	C	R	
4440	Free text value	M an..512	M an..512	
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
3453	Language name code	C an..3	N	Not used
4447	Free text format code	C an..3	N	Not used

Remark:

Example:

FTX+TRA+++information text'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1370		SG31	R	1	2	Terms of delivery information
1380	28	TOD	M	1	2	Terms of delivery or transport

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
TOD				
4055	Delivery or transport terms function code	C an..3	C an..3	6 Delivery condition
4215	Transport charges payment method code	C an..3	N	Not used
C100	Terms of delivery or transport	C	R	
4053	Delivery or transport terms description code	C an..3	R an..3	for example EXW Ex works FCA Free carrier - Named point
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
4052	Delivery or transport terms description	C an..70	N	Not used
4052	Delivery or transport terms description	C an..70	N	Not used

Remark:

Example:

TOD+6++EXW'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1370		SG31	R	1	2	Terms of delivery information
1390	29	LOC	R	1	3	Place of terms of delivery

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LOC				
3227	Location function code qualifier	M an..3	M an..3	1 Place of terms of delivery
C517	Location identification	C	R	
3225	Location name code	C an..25	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3224	Location name	C an..256	R an..256	
C519	Related location one identification	C	N	
3223	First related location name code	C an..25	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3222	First related location name	C an..70	N	Not used
C553	Related location two identification	C	N	
3233	Second related location name code	C an..25	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3232	Second related location name	C an..70	N	Not used
5479	Relation code	C an..3	N	Not used

Remark:

Example:

LOC+1+:::TAMEIGA-MOS'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1400		SG32	R	1	2	Delivery note number
1410	30	RFF	M	1	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	DQ Delivery note number
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+DQ:1593395 '

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1400		SG32	R	1	2	Customer reference number
1410	31	RFF	M	1	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	CR Customer reference number
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+CR:1593395 '

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1400		SG32	C	1	2	Customs declaration number
1410	32	RFF	M	1	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	ABT Customs declaration number
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+ABT:gErbd93iITm5E6Bg0x4rzF'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1400		SG32	C	1	2	Consignor's reference number
1410	33	RFF	M	1	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	CU Consignor's reference number
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+CU:73252032 '

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1400		SG32	C	1	2	Invoice number
1410	34	RFF	M	1	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	IV Invoice number
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+IV:9021682376'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1900		SG43	C	1	2	Consignor information
1910	35	NAD	M	1	2	Name and address

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	CZ Consignor
C082	Party identification details	C	R	
3039	Party identifier	M an..35	M an..35	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C058	Name and address	C	N	
3124	Name and address description	M an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
C080	Party name	C	C	
3036	Party name	M an..35	M an..35	
3036	Party name	C an..35	C an..35	
3036	Party name	C an..35	C an..35	
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3045	Party name format code	C an..3	N	Not used
C059	Street	C	C	
3042	Street and number or post office box identifier	M an..35	M an..35	
3042	Street and number or post office box identifier	C an..35	C an..35	
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3164	City name	C an..35	C an..35	
C819	Country sub-entity details	C	C	
3229	Country sub-entity name code	C an..9	C an..9	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3228	Country sub-entity name	C an..70	N	Not used
3251	Postal identification code	C an..17	C an..17	
3207	Country name code	C an..3	C an..3	for example DE GERMANY

Remark:

Example:

NAD+CZ+C201++consignor name1:consignor name2:-+consignor street 5:-+consignor city+SP+301799+CN'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1900		SG43	C	1	2	Consignee information
1910	36	NAD	M	1	2	Name and address

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	CN Consignee
C082	Party identification details	C	R	
3039	Party identifier	M an..35	M an..35	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C058	Name and address	C	N	
3124	Name and address description	M an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
C080	Party name	C	C	
3036	Party name	M an..35	M an..35	
3036	Party name	C an..35	C an..35	
3036	Party name	C an..35	C an..35	
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3045	Party name format code	C an..3	N	Not used
C059	Street	C	C	
3042	Street and number or post office box identifier	M an..35	M an..35	
3042	Street and number or post office box identifier	C an..35	C an..35	
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3164	City name	C an..35	C an..35	
C819	Country sub-entity details	C	C	
3229	Country sub-entity name code	C an..9	C an..9	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3228	Country sub-entity name	C an..70	N	Not used
3251	Postal identification code	C an..17	C an..17	
3207	Country name code	C an..3	C an..3	for example DE GERMANY

Remark:

Example:

NAD+CN+1234++consignee name1:consignee name2:--+consignee street 45:--+consignee city+SP+12345+CN'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1940		SG44	C	1	3	Consignee contact
1950	37	CTA	M	1	3	Contact information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
CTA				
3139	Contact function code	C an..3	C an..3	CN Consignee
C056	Department or employee details	C	C	
3413	Department or employee name code	C an..17	N	Not used
3412	Department or employee name	C an..35	C an..35	

Remark:

Example:

CTA+CN+:consignee contact'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1940		SG44	C	1	3	Consignee contact
1960	38	COM	C	9	4	Communication contact

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
COM				
C076	Communication contact	M	M	
3148	Communication address identifier	M an..512	M an..512	
3155	Communication address code qualifier	M an..3	M an..3	EM Electronic mail TE Telephone

Remark:

Example:

COM+?+49081512345:TE'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1900		SG43	C	1	2	Freight/charges payer
1910	39	NAD	M	1	2	Name and address

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	FP Freight/charges payer
C082	Party identification details	C	R	
3039	Party identifier	M an..35	M an..35	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C058	Name and address	C	N	
3124	Name and address description	M an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
C080	Party name	C	N	
3036	Party name	M an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3045	Party name format code	C an..3	N	Not used
C059	Street	C	N	
3042	Street and number or post office box identifier	M an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3164	City name	C an..35	N	Not used
C819	Country sub-entity details	C	N	
3229	Country sub-entity name code	C an..9	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3228	Country sub-entity name	C an..70	N	Not used
3251	Postal identification code	C an..17	N	Not used
3207	Country name code	C an..3	N	Not used

Remark:

Example:

NAD+FP+011W'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1900		SG43	C	1	2	Despatch party information
1910	40	NAD	M	1	2	Name and address

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	PW Despatch party
C082	Party identification details	C	R	
3039	Party identifier	M an..35	M an..35	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C058	Name and address	C	N	
3124	Name and address description	M an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
C080	Party name	C	C	
3036	Party name	M an..35	M an..35	
3036	Party name	C an..35	C an..35	
3036	Party name	C an..35	C an..35	
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3045	Party name format code	C an..3	N	Not used
C059	Street	C	C	
3042	Street and number or post office box identifier	M an..35	M an..35	
3042	Street and number or post office box identifier	C an..35	C an..35	
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3164	City name	C an..35	C an..35	
C819	Country sub-entity details	C	C	
3229	Country sub-entity name code	C an..9	C an..9	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3228	Country sub-entity name	C an..70	N	Not used
3251	Postal identification code	C an..17	C an..17	
3207	Country name code	C an..3	C an..3	for example DE GERMANY

Remark:

Example:

NAD+PW+HUB123++Despatch party name1:Despatch party name2:--+Despatch party street 5:--+despatch party city+SP+242+CN'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1940		SG44	C	1	3	Despatch party contact
1950	41	CTA	M	1	3	Contact information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
CTA				
3139	Contact function code	C an..3	C an..3	PW Despatch party
C056	Department or employee details	C	C	
3413	Department or employee name code	C an..17	N	Not used
3412	Department or employee name	C an..35	C an..35	

Remark:

Example:

CTA+PW+:despatch party contact'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1940		SG44	C	1	3	Despatch party contact
1960	42	COM	C	9	4	Communication contact

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
COM				
C076	Communication contact	M	M	
3148	Communication address identifier	M an..512	M an..512	
3155	Communication address code qualifier	M an..3	M an..3	EM Electronic mail TE Telephone

Remark:

Example:

COM+?+4933712324564:TE'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2080		SG47	C	1	3	Despatch party VAT ID
2090	43	RFF	M	1	3	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	VA VAT registration number
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+VA:DE123456789012345 '

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1900		SG43	C	1	2	Delivery party information
1910	44	NAD	M	1	2	Name and address

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	DP Delivery party
C082	Party identification details	C	R	
3039	Party identifier	M an..35	M an..35	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C058	Name and address	C	N	
3124	Name and address description	M an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
C080	Party name	C	C	
3036	Party name	M an..35	M an..35	
3036	Party name	C an..35	C an..35	
3036	Party name	C an..35	C an..35	
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3045	Party name format code	C an..3	N	Not used
C059	Street	C	C	
3042	Street and number or post office box identifier	M an..35	M an..35	
3042	Street and number or post office box identifier	C an..35	C an..35	
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3164	City name	C an..35	C an..35	
C819	Country sub-entity details	C	C	
3229	Country sub-entity name code	C an..9	C an..9	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3228	Country sub-entity name	C an..70	N	Not used
3251	Postal identification code	C an..17	C an..17	
3207	Country name code	C an..3	C an..3	for example DE GERMANY

Remark:

Example:

NAD+DP+878965++Delivery party name1:Delivery party name2:--+Delivery party street 5:--+Delivery party city+SP+14789+DE'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1940		SG44	C	1	3	Delivery party contact
1950	45	CTA	M	1	3	Contact information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
CTA				
3139	Contact function code	C an..3	C an..3	DP Delivery party
C056	Department or employee details	C	C	
3413	Department or employee name code	C an..17	N	Not used
3412	Department or employee name	C an..35	C an..35	

Remark:

Example:

CTA+DP+:Delivery party contact'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1940		SG44	C	1	3	Delivery party contact
1960	46	COM	C	9	4	Communication contact

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
COM				
C076	Communication contact	M	M	
3148	Communication address identifier	M an..512	M an..512	
3155	Communication address code qualifier	M an..3	M an..3	EM Electronic mail TE Telephone

Remark:

Example:

COM+?+546776543:TE'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2080		SG47	C	1	3	Delivery party VAT ID
2090	47	RFF	M	1	3	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	VA VAT registration number
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+VA:IT3346546757'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1900		SG43	C	1	2	Sales responsible information
1910	48	NAD	M	1	2	Name and address

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	SB Sales responsibility
C082	Party identification details	C	C	
3039	Party identifier	M an..35	M an..35	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C058	Name and address	C	N	
3124	Name and address description	M an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
C080	Party name	C	C	
3036	Party name	M an..35	M an..35	
3036	Party name	C an..35	C an..35	
3036	Party name	C an..35	C an..35	
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3045	Party name format code	C an..3	N	Not used
C059	Street	C	C	
3042	Street and number or post office box identifier	M an..35	M an..35	
3042	Street and number or post office box identifier	C an..35	C an..35	
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3164	City name	C an..35	C an..35	
C819	Country sub-entity details	C	C	
3229	Country sub-entity name code	C an..9	C an..9	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3228	Country sub-entity name	C an..70	N	Not used
3251	Postal identification code	C an..17	C an..17	
3207	Country name code	C an..3	C an..3	for example DE GERMANY

Remark:

Example:

NAD+SB+3445646++Sales responsible name1:Sales responsible name2:--+Sales responsible street 5333:--+Sales responsible city+SP+365+CN'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1940		SG44	C	1	3	Sales responsible contact
1950	49	CTA	M	1	3	Contact information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
CTA				
3139	Contact function code	C an..3	C an..3	SB Sales responsible
C056	Department or employee details	C	C	
3413	Department or employee name code	C an..17	N	Not used
3412	Department or employee name	C an..35	C an..35	

Remark:

Example:

CTA+SB+:Sales responsible contact'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
1940		SG44	C	1	3	Sales responsible contact
1960	50	COM	C	9	4	Communication contact

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
COM				
C076	Communication contact	M	M	
3148	Communication address identifier	M an..512	M an..512	
3155	Communication address code qualifier	M an..3	M an..3	EM Electronic mail TE Telephone

Remark:

Example:

COM+071181112345:TE'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2230		SG50	C	999	2	Goods item details Packaging
2240	51	GID	M	1	2	Goods item details

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
GID				
1496	Goods item number	C n..5	C n..5	all GIDs with same number belong together, first Packaging GID afterwards material GIDs, which are packed inside GID+1 packaging GID+1 article 1 GID+1 article 2 GID+2 packaging GID+2 article 3
C213	Number and type of packages	C	C	
7224	Package quantity	C n..8	C n..8	
7065	Package type description code	C an..17	C an..17	for example CAR Carton CLL Colli PAL Palette
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
7064	Type of packages	C an..35	C an..35	
7233	Packaging related description code	C an..3	N	Not used
C213	Number and type of packages	C	N	
7224	Package quantity	C n..8	N	Not used
7065	Package type description code	C an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
7064	Type of packages	C an..35	N	Not used
7233	Packaging related description code	C an..3	N	Not used
C213	Number and type of packages	C	N	
7224	Package quantity	C n..8	N	Not used
7065	Package type description code	C an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
7064	Type of packages	C an..35	N	Not used
7233	Packaging related description code	C an..3	N	Not used
C213	Number and type of packages	C	N	
7224	Package quantity	C n..8	N	Not used
7065	Package type description code	C an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
7064	Type of packages	C an..35	N	Not used
7233	Packaging related description code	C an..3	N	Not used
C213	Number and type of packages	C	N	
7224	Package quantity	C n..8	N	Not used
7065	Package type description code	C an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
7064	Type of packages	C an..35	N	Not used
7233	Packaging related description code	C an..3	N	Not used

Remark:

Example:

GID+1+1:CLL:::Colli'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2230		SG50	C	999	2	Goods item details Packaging
2250	52	HAN	C	1	3	Handling instructions

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
HAN				
C524	Handling instructions	C	R	
4079	Handling instruction description code	C an..3	R an..3	3 Stacked
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
4078	Handling instruction description	C an..70	R an..70	Stacking factor
C218	Hazardous material	C	N	
7419	Hazardous material category name code	C an..7	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
7418	Hazardous material category name	C an..35	N	Not used

Remark:

Example:

HAN+3:::2'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2380		SG52	C	1	3	Gross weight
2390	53	MEA	M	1	3	Measurements

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MEA				
6311	Measurement purpose code qualifier	M an..3	M an..3	WT Weights
C502	Measurement details	C	R	
6313	Measured attribute code	C an..3	R an..3	G Gross weight
6321	Measurement significance code	C an..3	N	Not used
6155	Non-discrete measurement name code	C an..17	N	Not used
6154	Non-discrete measurement name	C an..70	N	Not used
C174	Value/range	C	R	
6411	Measurement unit code	M an..3	M an..3	Use UN/ECE Recommendation 20, for example KGM kilogram
6314	Measurement value	C an..18	C an..18	
6162	Range minimum value	C n..18	N	Not used
6152	Range maximum value	C n..18	N	Not used
6432	Significant digits quantity	C n..2	N	Not used
7383	Surface or layer code	C an..3	N	Not used

Remark:

Example:

MEA+WT+G+KGM:203.12'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2380		SG52	C	1	3	Net weight
2390	54	MEA	M	1	3	Measurements

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MEA				
6311	Measurement purpose code qualifier	M an..3	M an..3	WT Weights
C502	Measurement details	C	R	
6313	Measured attribute code	C an..3	R an..3	N Actual net weight
6321	Measurement significance code	C an..3	N	Not used
6155	Non-discrete measurement name code	C an..17	N	Not used
6154	Non-discrete measurement name	C an..70	N	Not used
C174	Value/range	C	R	
6411	Measurement unit code	M an..3	M an..3	Use UN/ECE Recommendation 20, for example KGM kilogram
6314	Measurement value	C an..18	R an..18	
6162	Range minimum value	C n..18	N	Not used
6152	Range maximum value	C n..18	N	Not used
6432	Significant digits quantity	C n..2	N	Not used
7383	Surface or layer code	C an..3	N	Not used

Remark:

Example:

MEA+WT+N+KGM:203.12'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2380		SG52	C	1	3	Volume
2390	55	MEA	M	1	3	Measurements

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MEA				
6311	Measurement purpose code qualifier	M an..3	M an..3	VOL Volume
C502	Measurement details	C	N	
6313	Measured attribute code	C an..3	N	Not used
6321	Measurement significance code	C an..3	N	Not used
6155	Non-discrete measurement name code	C an..17	N	Not used
6154	Non-discrete measurement name	C an..70	N	Not used
C174	Value/range	C	R	
6411	Measurement unit code	M an..3	M an..3	Use UN/ECE Recommendation 20, for example MTQ cubic metre
6314	Measurement value	C an..18	R an..18	
6162	Range minimum value	C n..18	N	Not used
6152	Range maximum value	C n..18	N	Not used
6432	Significant digits quantity	C n..2	N	Not used
7383	Surface or layer code	C an..3	N	Not used

Remark:

Example:

MEA+VOL++MTQ:500'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2410		SG53	C	1	3	Gross dimensions
2420	56	DIM	M	1	3	Dimensions

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DIM				
6145	Dimension type code qualifier	M an..3	M an..3	1 Gross dimensions
C211	Dimensions	M	M	
6411	Measurement unit code	M an..3	M an..3	Use UN/ECE Recommendation 20, for example MTR metre
6168	Length dimension value	C n..15	R n..15	
6140	Width dimension value	C n..15	R n..15	
6008	Height dimension value	C n..15	R n..15	

Remark:

Example:

DIM+1+MTR:1.20:0.80:0.96'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2470		SG55	C	999	3	Package identification
2480	57	PCI	M	1	3	Package identification

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
PCI				
4233	Marking instructions code	C an..3	R an..3	30 Mark serial shipping container code
C210	Marks & labels	C	C	
7102	Shipping marks description	M an..35	M an..35	
7102	Shipping marks description	C an..35	N	Not used
7102	Shipping marks description	C an..35	N	Not used
7102	Shipping marks description	C an..35	N	Not used
7102	Shipping marks description	C an..35	N	Not used
7102	Shipping marks description	C an..35	N	Not used
7102	Shipping marks description	C an..35	N	Not used
7102	Shipping marks description	C an..35	N	Not used
7102	Shipping marks description	C an..35	N	Not used
7102	Shipping marks description	C an..35	N	Not used
8275	Container or package contents indicator code	C an..3	N	Not used
C827	Type of marking	C	N	
7511	Marking type code	M an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used

Remark:

Example:

PCI+30+HU ident'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2470		SG55	C	999	3	Package identification
2510	58	GIN	C	1	4	Goods identity number

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
GIN				
7405	Object identification code qualifier	M an..3	M an..3	BN Serial number
C208	Identity number range	M	M	
7402	Object identifier	M an..35	M an..35	
7402	Object identifier	C an..35	N	Not used
C208	Identity number range	C	N	
7402	Object identifier	M an..35	N	Not used
7402	Object identifier	C an..35	N	Not used
C208	Identity number range	C	N	
7402	Object identifier	M an..35	N	Not used
7402	Object identifier	C an..35	N	Not used
C208	Identity number range	C	N	
7402	Object identifier	M an..35	N	Not used
7402	Object identifier	C an..35	N	Not used
C208	Identity number range	C	N	
7402	Object identifier	M an..35	N	Not used
7402	Object identifier	C an..35	N	Not used

Remark:

RFID tag

Example:

GIN+BN+RFID/barcode '

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2230		SG50	C	999	2	Goods item details Article information
2240	59	GID	M	1	2	Goods item details

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
GID				
1496	Goods item number	C n..5	C n..5	all GIDs with same number belong together, first Packaging GID afterwards material GIDs, which are packed inside GID+1 packaging GID+1 article 1 GID+1 article 2 GID+2 packaging GID+2 article 3
C213	Number and type of packages	C	N	
7224	Package quantity	C n..8	N	Not used
7065	Package type description code	C an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
7064	Type of packages	C an..35	N	Not used
7233	Packaging related description code	C an..3	N	Not used
C213	Number and type of packages	C	N	
7224	Package quantity	C n..8	N	Not used
7065	Package type description code	C an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
7064	Type of packages	C an..35	N	Not used
7233	Packaging related description code	C an..3	N	Not used
C213	Number and type of packages	C	N	
7224	Package quantity	C n..8	N	Not used
7065	Package type description code	C an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
7064	Type of packages	C an..35	N	Not used
7233	Packaging related description code	C an..3	N	Not used
C213	Number and type of packages	C	N	
7224	Package quantity	C n..8	N	Not used
7065	Package type description code	C an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
7064	Type of packages	C an..35	N	Not used
7233	Packaging related description code	C an..3	N	Not used

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
C213	Number and type of packages	C	N	
7224	Package quantity	C n..8	N	Not used
7065	Package type description code	C an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
7064	Type of packages	C an..35	N	Not used
7233	Packaging related description code	C an..3	N	Not used

Remark:

Example:

GID+1'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2230		SG50	C	999	2	Goods item details Article information
2290	60	LOC	C	9	3	Country of origin

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LOC				
3227	Location function code qualifier	M an..3	M an..3	27 Country of origin
C517	Location identification	C	R	
3225	Location name code	C an..25	R an..25	for example DE Germany
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3224	Location name	C an..256	N	Not used
C519	Related location one identification	C	N	
3223	First related location name code	C an..25	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3222	First related location name	C an..70	N	Not used
C553	Related location two identification	C	N	
3233	Second related location name code	C an..25	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3232	Second related location name	C an..70	N	Not used
5479	Relation code	C an..3	N	Not used

Remark:

Example:

LOC+27+DE '

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2230		SG50	C	999	2	Goods item details Article information
2310	61	PIA	C	1	3	Additional product id

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
PIA				
4347	Product identifier code qualifier	M an..3	M an..3	5 Product identification
C212	Item number identification	M	M	
7140	Item identifier	C an..35	R an..35	
7143	Item type identification code	C an..3	R an..3	IN Buyer's item number
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C212	Item number identification	C	C	
7140	Item identifier	C an..35	R an..35	
7143	Item type identification code	C an..3	R an..3	SA Supplier's article number
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C212	Item number identification	C	N	
7140	Item identifier	C an..35	N	Not used
7143	Item type identification code	C an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C212	Item number identification	C	N	
7140	Item identifier	C an..35	N	Not used
7143	Item type identification code	C an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used

Remark:

Example:

PIA+5+061125A382:IN+ABCD75655:SA'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2230		SG50	C	999	2	Goods item details Article information
2330	62	FTX	C	1	3	Goods description text

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject code qualifier	M an..3	M an..3	AAA Goods description
4453	Free text function code	C an..3	N	Not used
C107	Text reference	C	N	
4441	Free text value code	M an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C108	Text literal	C	C	
4440	Free text value	M an..512	M an..512	
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
3453	Language name code	C an..3	N	Not used
4447	Free text format code	C an..3	N	Not used

Remark:

Example:

FTX+AAA+++goods description'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2380		SG52	C	1	3	Packaged quantity
2390	63	MEA	M	1	3	Measurements

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MEA				
6311	Measurement purpose code qualifier	M an..3	M an..3	AAE Measurement
C502	Measurement details	C	N	
6313	Measured attribute code	C an..3	N	Not used
6321	Measurement significance code	C an..3	N	Not used
6155	Non-discrete measurement name code	C an..17	N	Not used
6154	Non-discrete measurement name	C an..70	N	Not used
C174	Value/range	C	R	
6411	Measurement unit code	M an..3	M an..3	Use UN/ECE Recommendation 20, for example KGM kilogram
6314	Measurement value	C an..18	R an..18	
6162	Range minimum value	C n..18	N	Not used
6152	Range maximum value	C n..18	N	Not used
6432	Significant digits quantity	C n..2	N	Not used
7383	Surface or layer code	C an..3	N	Not used

Remark:

Example:

MEA+AAE++KGM: 500 '

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2440		SG54	R	1	3	Delivery note/Delivery note position Reference
2450	64	RFF	M	1	3	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	DQ Delivery note number
1154	Reference identifier	C an..70	C an..70	
1156	Document line identifier	C an..6	C an..6	
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+DQ:1593395:00010'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2440		SG54	C	1	3	BOSCH order number
2450	65	RFF	M	1	3	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	in case of BOSCH AA: sales order ON Order number (purchase)
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	C an..6	
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+ON:ABCD123456789:00010'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2440		SG54	C	1	3	Customer order number
2450	66	RFF	M	1	3	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	CG Consignee's order number
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	C an..6	
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+CG:TE4567890:00010'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2910		SG65	C	10	3	Dangerous goods information
2920	67	DGS	M	1	3	Dangerous goods

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DGS				
8273	Dangerous goods regulations code	C an..3	C an..3	Qualifier ZZZ is used in case of Unmatched FPA with Dangerous goods ADR European agreement on the international carriage of dangerous goods on road (ADR) IMD IMO IMDG code ICA IATA ICAO ZZZ Mutually defined
C205	Hazard code	C	C	
8351	Hazard identification code	M an..7	M an..7	
8078	Additional hazard classification identifier	C an..7	N	Not used
8092	Hazard code version identifier	C an..10	N	Not used
C234	UNDG information	C	C	
7124	United Nations Dangerous Goods (UNDG) identifier	C n4	C n4	
7088	Dangerous goods flashpoint value	C an..8	N	Not used
C223	Dangerous goods shipment flashpoint	C	C	
7106	Shipment flashpoint value	C n3	C n3	
6411	Measurement unit code	C an..3	C an..3	for example CEL degree Celsius 1 Great danger 2 Medium danger 3 Minor danger
8339	Packaging danger level code	C an..3	C an..3	
8364	Emergency procedure for ships identifier	C an..6	C an..6	
8410	Hazard medical first aid guide identifier	C an..4	N	Not used
8126	Transport emergency card identifier	C an..10	N	Not used
C235	Hazard identification placard details	C	N	
8158	Orange hazard placard upper part identifier	C an..4	N	Not used
8186	Orange hazard placard lower part identifier	C an4	N	Not used
C236	Dangerous goods label	C	N	
8246	Dangerous goods marking identifier	C an..4	N	Not used
8246	Dangerous goods marking identifier	C an..4	N	Not used
8246	Dangerous goods marking identifier	C an..4	N	Not used
8255	Packing instruction type code	C an..3	C an..3	

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Segments

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
8325	Hazardous means of transport category code	C an..3	N	Not used
8211	Hazardous cargo transport authorisation code	C an..3	N	Not used

Remark:

Example:

DGS+IMD+9+3363+023:CEL+1+F-AS-P++++P907'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2910		SG65	C	10	3	Dangerous goods information
2930	68	FTX	C	10	4	Dangerous goods additional information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject code qualifier	M an..3	M an..3	AAC Dangerous goods additional information
4453	Free text function code	C an..3	N	Not used
C107	Text reference	C	N	
4441	Free text value code	M an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C108	Text literal	C	R	
4440	Free text value	M an..512	M an..512	
4440	Free text value	C an..512	C an..512	
4440	Free text value	C an..512	C an..512	
4440	Free text value	C an..512	C an..512	
4440	Free text value	C an..512	C an..512	
3453	Language name code	C an..3	N	Not used
4447	Free text format code	C an..3	N	Not used

Remark:

Example:

FTX+AAC+++UN3363, GEFAHRGUT IN GERÄTEN, 9, Transport nach 1.1.4.2.1:UN3363, Dangerous goods in apparatus, 9, carriage in accordance with 1.1.4.2.1:Notfallrufnummer(24h) (GBK ContractID???93866)??
?:(001)352 323 3500:DG:Fibreboard Box?:0.5 L'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
O=Optional, F=Floating, D=Dependent, A=Advised,
S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
2910		SG65	C	10	3	Dangerous goods information
2930	69	FTX	C	10	4	Dangerous goods technical text

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject code qualifier	M an..3	M an..3	AAD Dangerous goods, technical name
4453	Free text function code	C an..3	N	Not used
C107	Text reference	C	N	
4441	Free text value code	M an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C108	Text literal	C	R	
4440	Free text value	M an..512	M an..512	
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
3453	Language name code	C an..3	C an..3	for example EN English
4447	Free text format code	C an..3	N	Not used

Remark:

Example:

FTX+AAD+++Dangerous goods in apparatus+EN'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

IFCSUM D.01B



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
3370	70	UNT	M	1	0	Message trailer

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

Remark:

Example:

UNT+68+1 '

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)



Forwarding and consolidation summary message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

0000	71	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+0001000011'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,
 O=Optional, F=Floating, D=Dependent, A=Advised,
 S=Situational, X=Not used, N=Not recommended)

Forwarding and consolidation summary message

Example message and packaging examples

No. Tag	Example
0000 UNA	UNA:+.? '
0000 UNB	UNB+UNOC:3+BOSCH EDI-TEAM+Carrier ID+180824:1357+0001000011+++ +++1'
0010 UNH	UNH+1+IFCSUM:D:01B:UN'
0020 BGM	BGM+610+1033403+9'
0030 DTM	DTM+137:20180824135754:204'
0050 FTX	FTX+AAI+++BEI ABGANGSORT KARLSRUHE GILT INCOTERM FCA FRANKFURT !!!:X'
0060 CNT	CNT+7:18769.000'
0060 CNT	CNT+11:77'
SG1	
0100 RFF	RFF+SRN:1593395'
SG1	
0100 RFF	RFF+BM:1033403'
SG1	
0100 RFF	RFF+BN:sdfe34524'
SG4	
0220 NAD	NAD+CA+Carrier ID++Carrier name1:Carrier name2+Carrier street 45:--+Carrier city+ZZ+12345+DE'
SG9	
0430 TDT	TDT+20+route no.+30+31+09DTWL:172+++10:::Truck plate/ship name ,
0440 DTM	DTM+186:201808241200:203'
0440 DTM	DTM+189:20180824:102'
0440 DTM	DTM+232:20180824:102'
0450 TSR	TSR+BCU'
0450 TSR	TSR++AIR+A01'
SG10	
0470 LOC	LOC+13+place of transship'
SG21	
0890 EQD	EQD+CN+UACU5662671'
0930 MEA	MEA+WT+T+KGM:2570.000'
0950 SEL	SEL+035514+SH:::Sealing party name'
SG25	
1130 CNI	CNI+1+P38-1593395'
1260 DTM	DTM+2:201808241200:203'
1260 DTM	DTM+200:201808241200:203'



Forwarding and consolidation summary message

Example message and packaging examples

No. Tag	Example
1260 DTM	DTM+398:201808241200:203'
1320 FTX	FTX+TRA+++information text'
SG31	
1380 TOD	TOD+6++EXW'
1390 LOC	LOC+1+:::TAMEIGA-MOS'
SG32	
1410 RFF	RFF+DQ:1593395'
SG32	
1410 RFF	RFF+CR:1593395'
SG32	
1410 RFF	RFF+ABT:gErbd93iITm5E6Bg0x4rzF'
SG32	
1410 RFF	RFF+CU:73252032'
SG32	
1410 RFF	RFF+IV:9021682376'
SG43	
1910 NAD	NAD+CZ+C201++consignor name1:consignor name2:-+consignor street 5:-+consignor city+SP+301799+CN'
SG43	
1910 NAD	NAD+CN+1234++consignee name1:consignee name2:-+consignee street 45:-+consignee city+SP+12345+CN'
SG44	
1950 CTA	CTA+CN+:consignee contact'
1960 COM	COM+?+49081512345:TE'
SG43	
1910 NAD	NAD+FP+011W'
SG43	
1910 NAD	NAD+PW+HUB123++Despatch party name1:Despatch party name2:-+Despatch party street 5:-+despatch party city+SP+242+CN'
SG44	
1950 CTA	CTA+PW+:despatch party contact'
1960 COM	COM+?+4933712324564:TE'
SG47	
2090 RFF	RFF+VA:DE123456789012345'
SG43	
1910 NAD	NAD+DP+878965++Delivery party name1:Delivery party name2:-+Delivery party street 5:-+Delivery party city+SP+14789+DE'



Forwarding and consolidation summary message

Example message and packaging examples

No.	Tag	Example
	SG44	
1950	CTA	CTA+DP+:Delivery party contact'
1960	COM	COM+?+546776543:TE'
	SG47	
2090	RFF	RFF+VA:IT3346546757'
	SG43	
1910	NAD	NAD+SB+3445646++Sales responsible name1:Sales responsible name 2:-+Sales responsible street 5333:-+Sales responsible city+SP+ 365+CN'
	SG44	
1950	CTA	CTA+SB+:Sales responsible contact'
1960	COM	COM+071181112345:TE'
	SG50	
2240	GID	GID+1+1:CLL::Colli'
2250	HAN	HAN+3:::2'
	SG52	
2390	MEA	MEA+WT+G+KGM:203.12'
	SG52	
2390	MEA	MEA+WT+N+KGM:203.12'
	SG52	
2390	MEA	MEA+VOL++MTQ:500'
	SG53	
2420	DIM	DIM+1+MTR:1.20:0.80:0.96'
	SG55	
2480	PCI	PCI+30+HU ident'
2510	GIN	GIN+BN+RFID/barcode'
	SG50	
2240	GID	GID+1'
2290	LOC	LOC+27+DE'
2310	PIA	PIA+5+061125A382:IN+ABCD75655:SA'
2330	FTX	FTX+AAA+++goods description'
	SG52	
2390	MEA	MEA+AAE++KGM:500'
	SG54	
2450	RFF	RFF+DQ:1593395:00010'
	SG54	



Forwarding and consolidation summary message

Example message and packaging examples

No. Tag	Example
2450 RFF	RFF+ON:ABCD123456789:00010'
SG54	
2450 RFF	RFF+CG:TE4567890:00010'
SG65	
2920 DGS	DGS+IMD+9+3363+023:CEL+1+F-AS-P++++P907'
2930 FTX	FTX+AAC+++UN3363, GEFAHRGUT IN GERÄTEN, 9, Transport nach 1.1.4.2.1:UN3363, Dangerous goods in apparatus, 9, carriage in accordance with 1.1.4.2.1:Notfallrufnummer(24h) (GBK ContractID???:93866)???: (001)352 323 3500:DG:Fibreboard Box?:0.5 L'
2930 FTX	FTX+AAD+++Dangerous goods in apparatus+EN'
3370 UNT	UNT+68+1'
0000 UNZ	UNZ+1+0001000011'



Forwarding and consolidation summary message

Change History

Date	Changes
18.02.2020 Version 1	Initial version
19.04.2021 Version 2	Page 63 PIA new qualifier SA Page 68 new segment RFF+CG (customer order no)
14.07.2021 Version 3	Page 6 changes in UNB_0004 Page 8 changes in BGM_1225 Page 17 changes in TDT_8213 Page 19 DTM+186 from Status R to C Page 23 additional TSR for Outbound Interface 2.0 Page 31 DTM+200 from Status R to C Page 32 changes in DTM_2379 Page 39 new RFF+CU Page 40 new RFF+IV Page 45 new NAD+FP Page 74 changes in DGS_8273
14.10.2021 Version 4	Page 59 new HAN for stacking factor