



Message Implementation Guideline

IFCSUM

based on

IFCSUM

Forwarding and consolidation summary message

EANCOM® 2002 S3

Version: 1.0
Variant: AHEAD Freight Booking Response
Issue date: 20/09/2021

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Structure / Table of Contents

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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	9	1	Creation Date
0050	6	FTX	R	1	1	Freight Booking Confirmation
0090		SG1	R	1	1	Reference Freight Booking
0100	7	RFF	M	1	1	Reference
0090		SG1	O	1	1	Bill of Lading
0100	8	RFF	M	1	1	Reference
0090		SG1	O	1	1	Master Airway Bill Number
0100	9	RFF	M	1	1	Master Airway Bill Number
0090		SG1	O	1	1	Reference Ocean Freight Forwarder
0100	10	RFF	M	1	1	Reference
0090		SG1	O	1	1	Freight Agreement Contract number
0100	11	RFF	M	1	1	Reference
0210		SG4	R	1	1	Carrier
0220	12	NAD	M	1	1	Name and address
0210		SG4	O	1	1	Executing Carrier
0220	13	NAD	M	1	1	Name and address
0420		SG9	O	1	1	TDT-SG10-SG10
0430	14	TDT	M	1	1	Details of transport
0460		SG10	R	1	2	Main loading port
0470	15	LOC	M	1	2	Main loading port
0480	16	DTM	O	1	3	Date/time/period
0460		SG10	D	1	2	Main unloading port
0470	17	LOC	M	1	2	Main unloading port
0480	18	DTM	O	9	3	Date/time/period
1120		SG25	O	9999	1	CNI-SG50-SG70
1130	19	CNI	M	1	1	Consignment information
2230		SG50	R	999	2	GID-PIA-SG54

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



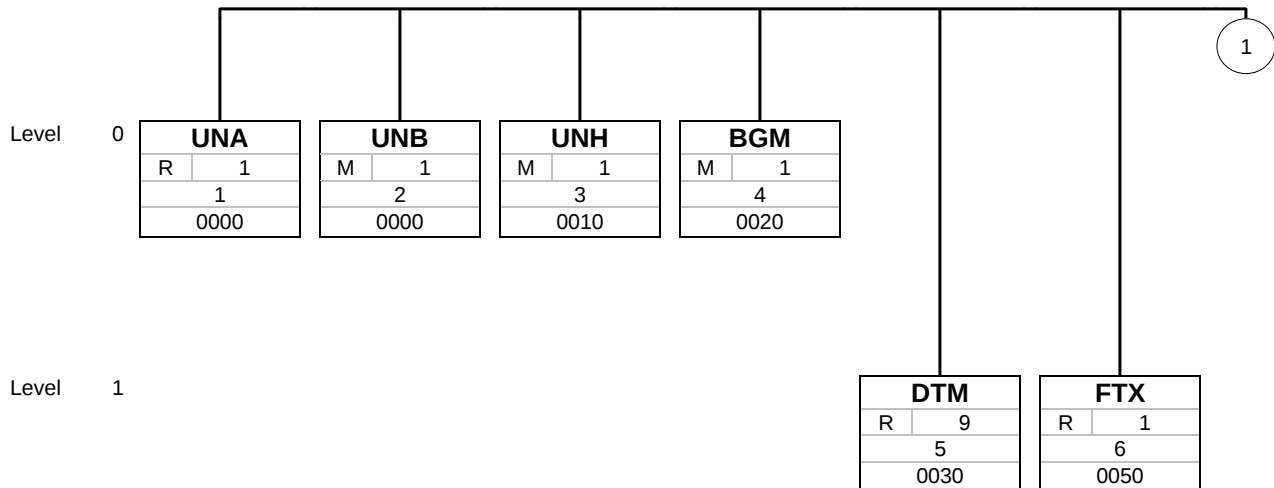
	Counter	No	Tag	St	MaxOcc	Level	Content
	2240	20	GID	M	1	2	Goods item details
	2310	21	PIA	O	1	3	Additional product id
	2440		SG54	O	1	3	Reference Purchase Order Number
	2450	22	RFF	O	1	3	Reference
	3050		SG70	O	1	2	EQD-EQN-SEL
	3060	23	EQD	M	1	2	Equipment details
	3070	24	EQN	M	1	3	Number of units
	3110	25	SEL	O	1	3	Seal number
	3370	26	UNT	M	1	0	Message trailer
	0000	27	UNZ	M	1	0	Interchange trailer

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Branching Diagram of Used Segments/Groups



Tag
St MaxOcc
No
Counter

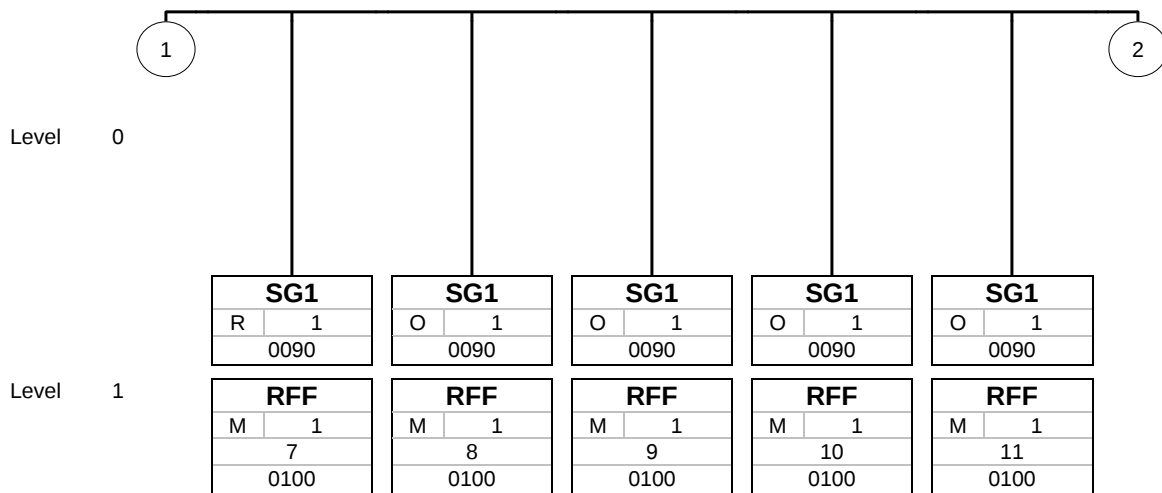
Tag = Segment/Group Tag

St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)

MaxOcc = Maximum occurrence of the segment/group

No = Consecutive segment number

Counter = Counter of segment/group within the standard



Tag	
St	MaxOcc
No	
Counter	

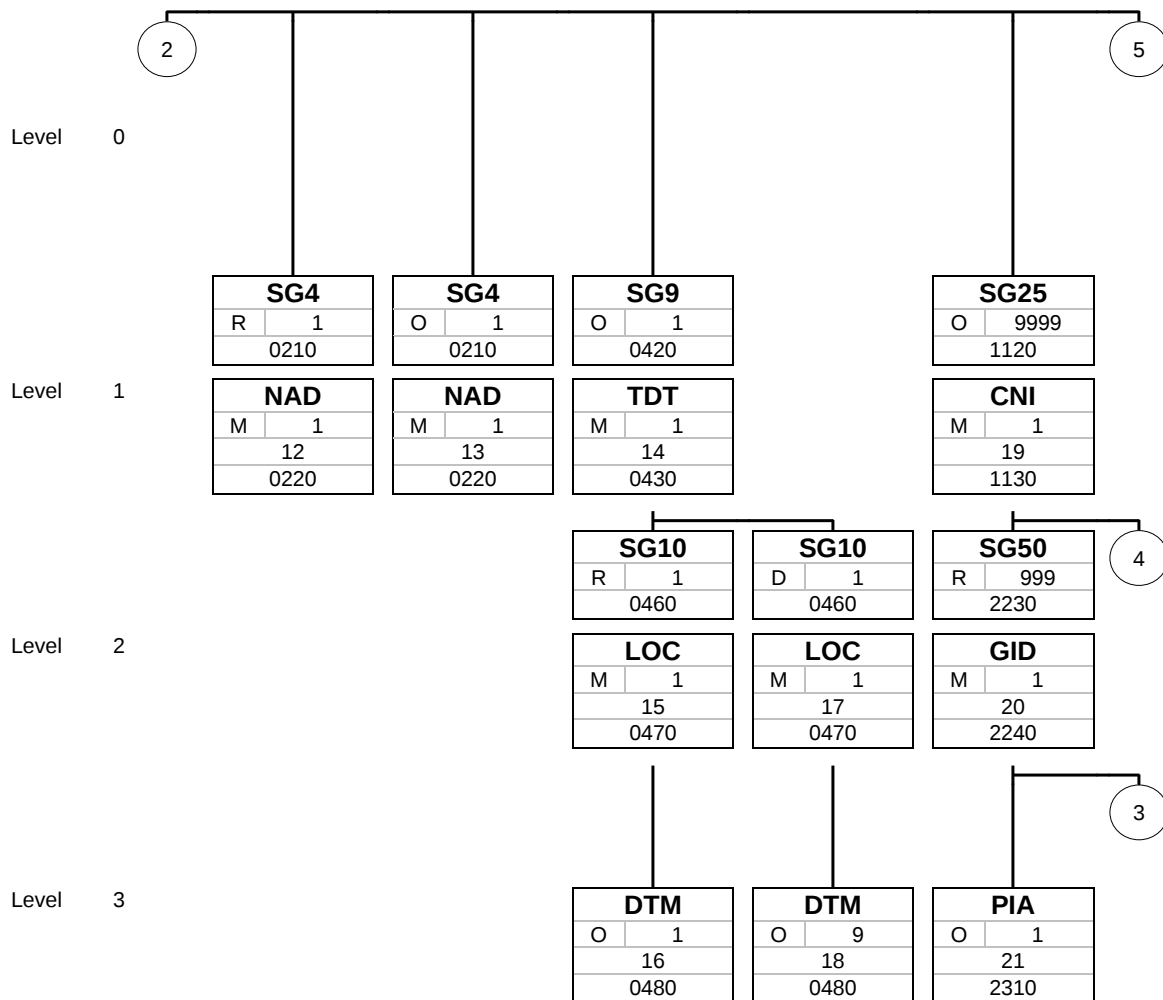
Tag = Segment/Group Tag

St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)

MaxOcc = Maximum occurrence of the segment/group

No = Consecutive segment number

Counter = Counter of segment/group within the standard



Tag
St MaxOcc
No
Counter

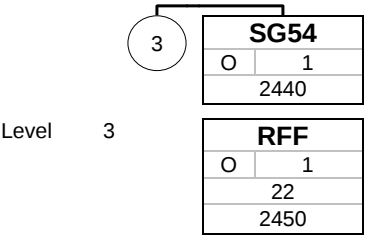
Tag = Segment/Group Tag

St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)

MaxOcc = Maximum occurrence of the segment/group

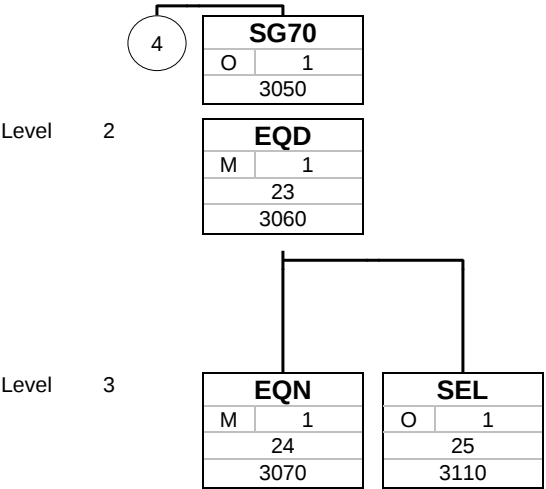
No = Consecutive segment number

Counter = Counter of segment/group within the standard



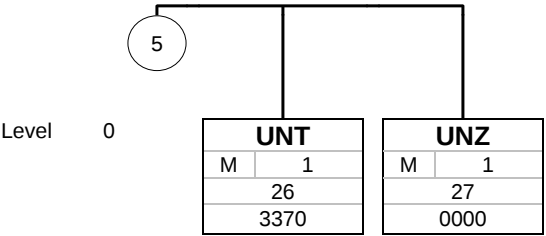
Tag
St MaxOcc
No
Counter

Tag = Segment/Group Tag
St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
MaxOcc = Maximum occurrence of the segment/group
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Tag
St MaxOcc
No
Counter

Tag = Segment/Group Tag
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Tag
St MaxOcc
No
Counter

Tag = Segment/Group Tag
St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
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Counter = Counter of segment/group within the standard



Segments

Counter	No	Tag	St	MaxOcc	Level	Name
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0000 1 **UNA** R 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	Used as a separator between component data elements contained within a composite data element (default value: ";")
UNA2	Data element separator	M an1	M an1	Used to separate two simple or composite data elements (default value: "+")
UNA3	Decimal notation	M an1	M an1	Used to indicate the character used for decimal notation (default value: ".")
UNA4	Release indicator	M an1	M an1	Used to restore any service character to its original specification (value: "?").
UNA5	Reserved for future use	M an1	M an1	(default value: space)
UNA6	Segment terminator	M an1	M an1	Used to indicate the end of segment data (default value: "'")

Remark:

Example:

UNA: + . ? ' ,

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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 = Syntax version 3
S002	Interchange sender	M	M	
0004	Sender identification	M an..35	M an..35	GLN (n13)
0007	Partner identification code qualifier	C an..4	R an..4	14 = GS1 (GLN) 1 = DUNS (Dun & Bradstreet numbering system) ZZZ = mutually agreed
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	GLN (n13)
0007	Partner identification code qualifier	C an..4	R an..4	14 = GS1 (GLN) 1 = DUNS (Dun & Bradstreet numbering system) ZZZ = mutually agreed
0014	Routing address	C an..14	N	Not used
S004	Date/time of preparation	M	M	
0017	Date of preparation	M n6	M n6	YYMMDD
0019	Time of preparation	M n4	M n4	HHMM
0020	Interchange control reference	M an..14	M an..14	12345555 Unique reference identifying the interchange. Created by the interchange sender.
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	O an..14	IFCSUM = Message identification if the interchange contains only one type of message.
0029	Processing priority code	C a1	N	Not used
0031	Acknowledgement request	C n1	N	Not used
0032	Communications agreement ID	C an..35	O a6	EANCOM
0035	Test indicator	C n1	O n1	1 = Interchange is a test

Remark:**Example:**

UNB+UNOC:3+4012345000009:14+4000004000002:14+180824:1043+12345555++IFCSUM++EANCOM+1'

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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	ME000001 (Sender unique message reference number)
S009	Message identifier	M	M	
0065	Message type	M an..6	M a6	IFCSUM = Forwarding and consolidation summary message (here used as Freight Booking Confirmation)
0052	Message version number	M an..3	M a1	D = Draft version/UN/EDIFACT Directory
0054	Message release number	M an..3	M an3	01B = Release 2001 - B
0051	Controlling agency	M an..2	M a2	UN = UN/CEFACT
0057	Association assigned code	C an..6	R an..6	EAN004 = GS1 version control number
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+ME000001+IFCSUM:D:01B:UN:EAN004'

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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	770 = Booking Confirmation (here used as Freight Booking (Sea) accept)
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	123456 = Forwarding and consolidation summary number
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	R n1	9 = Original
4343	Response type code	C an..3	N	Not used

Remark:

All references other than the document number DE 1004 are to be put in the RFF segment

Example:

BGM+770+123456+9'

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Counter	No	Tag	St	MaxOcc	Level	Name
0030	5	DTM	R	9	1	Creation 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 n3	137 = Document/message date/time
2380	Date or time or period value	C an..35	R n14	20210423131500 = Document/message date/time
2379	Date or time or period format code	C an..3	R n3	204 = CCYYMMDDHHMMSS

Remark:**Example:**

DTM+137:20210423131500:204'

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0050	6	FTX	R	1	1	Freight Booking Confirmation

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject code qualifier	M an..3	M a3	DEL = Delivery information
4453	Free text function code	C an..3	N	Not used
C107	Text reference	C	R	
4441	Free text value code	M an..17	M a2	AP = Accepted
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	O n2	92 = Assigned by buyer or buyer's agent
C108	Text literal	C	N	
4440	Free text value	M 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
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+DEL++AP: :92'

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0090		SG1	R	1	1	Reference Freight Booking
0100	7	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	AAU = Code/Qualifier Freight Booking Number
1154	Reference identifier	C an..70	R an..35	700000000001 = Freight Booking Number
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+AAU:700000000001'

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

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Counter	No	Tag	St	MaxOcc	Level	Name
0090		SG1	O	1	1	Bill of Lading
0100	8	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 an2	BM = Bill of lading number
1154	Reference identifier	C an..70	R an..35	HBL1002345 = Bill of lading number
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:HBL1002345'

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0090		SG1	O	1	1	Master Airway Bill Number
0100	9	RFF	M	1	1	Master Airway Bill Number

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	MWB = LHT-10000056
1154	Reference identifier	C an..70	R an..35	LHT-10000056=Master Airwaybill Number
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+MWB:LHT-10000056'

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0090		SG1	O	1	1	Reference Ocean Freight Forwarder
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	AUB = Party reference (here: Ocean Freight Forwarder, clear text)
1154	Reference identifier	C an..70	M an..35	Ocean Freight Company = Party reference (Ocean Freight Forwarder)
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+AUB:Ocean Freight Company'

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0090		SG1	O	1	1	Freight Agreement Contract 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	ACE = Related document number, here: 'Freight Agreement Contract Number'
1154	Reference identifier	C an..70	M an..35	D/156453/93186/31 = Freight Agreement Contract Number
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+ACE:D/156453/93186/31'

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Counter	No	Tag	St	MaxOcc	Level	Name
0210		SG4	R	1	1	Carrier
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 a2	CA = Carrier
C082	Party identification details	C	R	
3039	Party identifier	M an..35	M an..35	5412345000013 = GLN Carrier
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	R an..3	9 = GS1 (GLN) 16 = DUNS (Dun & Bradstreet numbering system) ZZZ = Mutually defined
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

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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
3251	Postal identification code	C an..17	N	Not used
3207	Country name code	C an..3	N	Not used

Remark:**Example:**

NAD+CA+5412345000013:::9'

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Counter	No	Tag	St	MaxOcc	Level	Name
0210		SG4	O	1	1	Executing Carrier
0220	13	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	CG = Executing Carrier
C082	Party identification details	C	R	
3039	Party identifier	M an..35	M an..20	Internal Business Partner ID of the executing Carrier (please refer to the shared carrier list)
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	O an..3	
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

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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
3251	Postal identification code	C an..17	N	Not used
3207	Country name code	C an..3	N	Not used

Remark:**Example:**

NAD+CG+1000553:::92'

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0420		SG9	O	1	1	TDT-SG10
0430	14	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 n2	20 = Main-carriage transport
8028	Means of transport journey identifier	C an..17	O an..17	0011Q = Voyage Number LH123 = Flight Number
C220	Mode of transport	C	D	
8067	Transport mode name code	C an..3	D n2	10 = Maritime transport (optional) 40 = Air transport (required) Mandatory for Airfreight
8066	Transport mode name	C an..17	N	Not used
C228	Transport means	C	O	
8179	Transport means description code	C an..8	O an..3	13 = Ocean vessel X06 = Air freight
8178	Transport means description	C an..17	O an..17	'THALASSA NIKI' = Vessel number Ocean freight only
C040	Carrier	C	N	
3127	Carrier identifier	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
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	N	
8213	Transport means identification name identifier	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
8212	Transport means identification name	C an..35	N	Not used
8453	Transport means nationality	C an..3	N	Not used

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
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St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



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+0011Q+10+13:THALASSA NIKI'

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0460		SG10	R	1	2	Main loading port
0470	15	LOC	M	1	2	Main loading port

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LOC				
3227	Location function code qualifier	M an..3	M n1	5 = Place of departure (here: Main loading (air)port)
C517	Location identification	C	R	
3225	Location name code	C an..25	R an..10	CNSHA = UNLOC code of the main loading location (Ocean freight) NYC = IATA code of the main loading location (Air freight)
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+5+CNSHA '

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0460		SG10	R	1	2	Main loading port
0480	16	DTM	O	1	3	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 n3	133 = Shipment date/time, estimated - promised for (here as 'actual departure date from port of loading')
2380	Date or time or period value	C an..35	O n14	20160705183000 = Shipment date/time
2379	Date or time or period format code	C an..3	O n3	204 = CCYYMMDDHHMMSS

Remark:**Example:**

DTM+133:20160705183000:204'

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0460		SG10	D	1	2	Main unloading port
		Ocean Freight = Optional Air Freight = Required				
0470	17	LOC	M	1	2	Main unloading port

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LOC				
3227	Location function code qualifier	M an..3	M n1	7 = Place of departure (here: Main unloading (air)port)
C517	Location identification	C	R	
3225	Location name code	C an..25	R an..10	DEHAM = UNLOC code of the main unloading location (Ocean Freight) FRA = IATA code of the main loading location (Air freight)
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+7+DEHAM'

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0460		SG10	D	1	2	Main unloading port
						Ocean Freight = Optional Air Freight = Required
0480	18	DTM	O	9	3	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 n3	132 = Delivery date/time estimated, actual (here as 'Actual arrival date at port of discharge')
2380	Date or time or period value	C an..35	O n14	20160507184500 = Delivery date/time
2379	Date or time or period format code	C an..3	O n3	204 = CCYYMMDDHHMMSS

Remark:**Example:**

DTM+132:20160705184500:204'

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
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1120 **SG25** O 9999 1 **CNI-SG50-SG70**

In general the Freight Booking Response can have two different reasons.

1. Acceptance of the Freight Booking (Segment FTX_4451 = DEL and FTX-C107 = AP (Accepted)) - No Line item information needed
2. Acceptance and/or Update information of/for the Freight Booking. Updates could be just on Header level (e. g. Bill of lading SG1_RFF_C506_1153 = BM) and no line item information is needed. If line item information is provided the Container information (SG70) becomes mandatory (Ocean freight only). The SG25 loop is expected for every different container type/id, provided in SG70.

1130 19 **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	1
C503	Document/message details	C	N	
1004	Document identifier	C an..35	N	Not used
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'

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
2230		SG50	R	999	2	GID-PIA-SG54
2240	20	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	R n..5	1 = Fixed value
C213	Number and type of packages	C	R	
7224	Package quantity	C n..8	R n..10	9 = Number of packages
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
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



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+9'

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
2230		SG50	R	999	2	GID-PIA-SG54
2310	21	PIA	O	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 n1	5 = Product identification
C212	Item number identification	M	M	
7140	Item identifier	C an..35	R an..35	100001 = Product ID
7143	Item type identification code	C an..3	O an..3	IN = Buyers 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	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
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+100001:IN'

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
2440		SG54	O	1	3	Reference Purchase Order Number
2450	22	RFF	O	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	ON = Order Number (Buyer)
1154	Reference identifier	C an..70	O an..35	4500000009 = Order Number (Buyer)
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+ON:4500000009'

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
3050		SG70	O	1	2	EQD-EQN-SEL
3060	23	EQD	M	1	2	Equipment details

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
EQD				
8053	Equipment type code qualifier	M an..3	M an2	CN = Container (Ocean Freight only) UL = ULD (Unit load device)
C237	Equipment identification	C	O	
8260	Equipment identifier	C an..17	O an..40	CSQ123456 = Container or ULD number
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	O	
8155	Equipment size and type description code	C an..10	O an..10	21 = 20 foot Container 23 = 40 foot Container
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	O an..35	Ocean Freight (Container) "High Cube" in case of 20FT or 40FT containers Reefer LCL (Less Container Load) - SG70.EQD.C224.8155 is not required Air freight (Unit Load Device) AAP = Lower Deck Container (88 x 125 x 64) AKE = Half-width Lower Deck Cont (60x61x64) AMA = Main Deck Container (96 x 125 x 96) PAG6 = Main Deck Pallet Q6 Contour (88x125x96) PAG7 = Main Deck Pallet Q7 Contour (88x125x118) PGA6 = Main Deck Pallet Q6 Contour (96x238x96) PGA7 = Main Deck Pallet Q7 Contour (96x238x118) PMC6 = Main Deck Pallet Q6 Contour (96x125x96) PMC7 = Main Deck Pallet Q7 Contour (96x125x118) RKN = LD3 with refrigeration unit
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+CSQ123456+21:::High Cube'

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
3050		SG70	O	1	2	EQD-EQN-SEL
3070	24	EQN	M	1	3	Number of units

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
EQN				
C523	Number of unit details	M	M	
6350	Units quantity	C n..15	R n..5	1 = Container Quantity Fix Value = 1
6353	Unit type code qualifier	C an..3	N	Not used

Remark:**Example:**

EQN+1 '

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
3050		SG70	O	1	2	EQD-EQN-SEL
3110	25	SEL	O	1	3	Seal number

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
SEL				
9308	Seal identifier	C an..35	R an..35	10 = Seal number
C215	Seal issuer	C	N	
9303	Sealing party name 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
9302	Sealing party name	C an..35	N	Not used
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+10'

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
3370	26	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	The total number of segments in the message is detailed here. 22 = Number of segments in the message
0062	Message reference number	M an..14	M an..14	The message reference numbered detailed here should equal the one specified in the UNH segment. ME000001 = Message reference number (see UNH)

Remark:**Example:**

UNT+22+ME000001'

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0000	27	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	Number of messages or functional groups within an interchange.
0020	Interchange control reference	M an..14	M an..14	Identical to DE 0020 in UNB segment.

Remark:**Example:**

UNZ+1+12345555 '

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

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Example Message

No	Tag	Example
01	UNA	UNA:+.? '
02	UNB	UNB+UNOC:3+4012345000009:14+4000004000002:14+180824:1043+12345555++IFC SUM+++EANCOM+1 '
03	UNH	UNH+ME000001+IFCSUM:D:01B:UN:EAN004 '
04	BGM	BGM+770+123456+9 '
05	DTM	DTM+137:20210423131500:204 '
06	FTX	FTX+DEL++AP::92 '
	SG1	
07	RFF	RFF+AAU:70000000001 '
	SG1	
08	RFF	RFF+BM:HBL1002345 '
	SG1	
09	RFF	RFF+MWB:LHT-10000056 '
	SG1	
10	RFF	RFF+AUB:Ocean Freight Company '
	SG1	
11	RFF	RFF+ACE:D/156453/93186/31 '
	SG4	
12	NAD	NAD+CA+5412345000013::9 '
	SG4	
13	NAD	NAD+CG+1000553::92 '
	SG9	
14	TDI	TDI+20+0011Q+10+13:THALASSA NIKI '
	SG10	
15	LOC	LOC+5+CNSHA '
16	DTM	DTM+133:20160705183000:204 '
	SG10	
17	LOC	LOC+7+DEHAM '
18	DTM	DTM+132:20160705184500:204 '
	SG25	

No = Consecutive segment number



No	Tag	Example
19	CNI	CNI+1 '
	SG50	
20	GID	GID+1+9 '
21	PIA	PIA+5+100001:IN '
	SG54	
22	RFF	RFF+ON:4500000009 '
	SG70	
23	EQD	EQD+CN+CSQ123456+21:::High Cube '
24	EQN	EQN+1 '
25	SEL	SEL+10 '
26	UNT	UNT+22+ME000001 '
27	UNZ	UNZ+1+12345555 '

No = Consecutive segment number