



Message Implementation Guideline

IFCSUM

based on

IFCSUM

Forwarding and consolidation summary message

EANCOM® 2002 S3

Version: 1.0

Variant: AHEAD Freight Order Response

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1 Message Structure.....	3
2 Branching Diagram	4
3 Segments	6
4 Example	18



Structure / Table of Contents

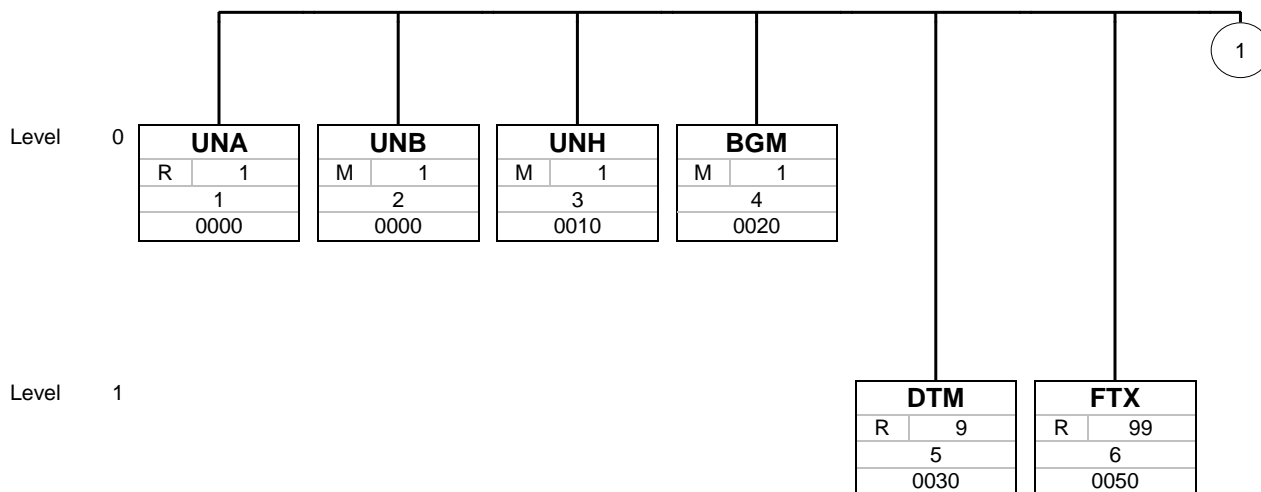
Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	UNA	R	1	0	Service String Advice
0000	2	UNB	M	1	0	Interchange Header
0010	3	UNH	M	1	0	Message header
0020	4	BGM	M	1	0	Beginning of message
0030	5	DTM	R	9	1	Creation Date
0050	6	FTX	R	99	1	Freight Order Confirmation
0090		SG1	R	1	1	Reference Freight Order
0100	7	RFF	M	1	1	Reference
0090		SG1	O	9	1	Reference Bill of Lading
0100	8	RFF	M	1	1	Reference
0210		SG4	R	9	1	Carrier
0220	9	NAD	M	1	1	Name and address
3370	10	UNT	M	1	0	Message trailer
0000	11	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
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

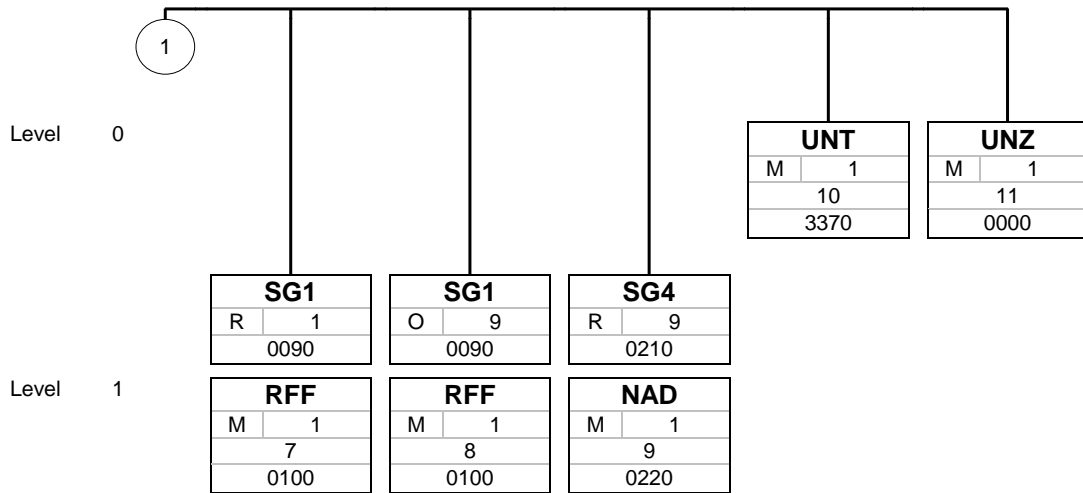


Branching Diagram of Used Segments/Groups



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



Segments

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

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
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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+200824:1043+12345555++IFCSUM+++EANCOM+1'

No = Consecutive segment number
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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 Order Confirmation)
0052	Message version number	M an..3	M a1	D = UN/EDIFACT
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	D an3	1.0 ALDI SÜD EDI Release Number
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+1.0'

No = Consecutive segment number
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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	291 = Delivery schedule response (here used as Freight Order 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+291+123456+9'

No = Consecutive segment number
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 A=Advised, N=Not used



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	20180823131500 = Document/message date/time
2379	Date or time or period format code	C an..3	R n3	204 = CCYYMMDDHHMMSS

Remark:

Example:

DTM+137:20180823131500:204'

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

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Counter	No	Tag	St	MaxOcc	Level	Name
0050	6	FTX	R	99	1	Freight Order 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	D	
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
 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
0090		SG1	R	1	1	Reference Freight Order
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 = Freight Order Number
1154	Reference identifier	C an..70	R an..35	55555 = Freight order 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:55555'

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
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Counter	No	Tag	St	MaxOcc	Level	Name
	0090	SG1	O	9	1	Reference Bill of Lading
	0100	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 a2	BM = Bill of lading number
1154	Reference identifier	C an..70	R an..35	999999999 = 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:999999999'

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

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Counter	No	Tag	St	MaxOcc	Level	Name
	0210	SG4	R	9	1	Carrier
	0220	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..32	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
3251	Postal identification code	C an..17	N	Not used

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		Standard		Implementation	
Tag	Name	St Format	St Format	Usage / Remark	
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
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3370	10	UNT	M	1	0	Message trailer
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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNT				
0074	Number of segments in the message	M n..6	M n..6	9 = 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+9+ME000001'

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Counter	No	Tag	St	MaxOcc	Level	Name
0000	11	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
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Example Message

No	Tag	Example
01	UNA	UNA:+.? '
02	UNB	UNB+UNOC:3+4012345000009:14+4000004000002:14+200824:1043+12345555++IFC SUM+++EANCOM+1 '
03	UNH	UNH+ME000001+IFCSUM:D:01B:UN:EAN004+1.0 '
04	BGM	BGM+291+123456+9 '
05	DTM	DTM+137:20180823131500:204 '
06	FTX	FTX+DEL++AP::92 '
	SG1	
07	RFF	RFF+AAU:55555 '
	SG1	
08	RFF	RFF+BM:999999999 '
	SG4	
09	NAD	NAD+CA+5412345000013::9 '
10	UNT	UNT+9+ME000001 '
11	UNZ	UNZ+1+12345555 '

No = Consecutive segment number