$$\mathbf{T} \cdots \text{Systems} \cdots$$

Message Implementation Guideline

HBPO EDIFACT DELFOR

based on

DELFOR

Delivery schedule message

UN D.96A S3

Version: 96 Variant: A

Issue date: 11.05.2010



Structure / Table of Contents

	Counter	No	Tag	St	MaxOcc	Level	Content
	0000	1	UNA	С	1	0	SERVICE STRING ADVICE
	0000	2	UNB	М	1	0	INTERCHANGE HEADER
	0010	3	UNH	М	1	0	MESSAGE HEADER
	0020	4	BGM	М	1	0	Beginning of message
	0030	5	DTM	М	10	1	Date/time/period
	0070		SG2	С	20	1	NAD
	- 0080	6	NAD	М	1	1	Name and address
	0070		SG2	С	20	1	NAD
	- 0080	7	NAD	М	1	1	Name and address
	0130	8	UNS	М	1	0	SECTION CONTROL
	0140		SG4	С	500	1	NAD-LOC-SG8
	0150	9	NAD	М	1	1	Name and address
	0160	10	LOC	С	10	2	Place/location identification
	0270		SG8	С	9999	2	LIN-PIA-FTX-SG10-SG10-SG10-SG10-SG12-SG12-SG12
	0280	11	LIN	М	1	2	Line item
	0290	12	PIA	С	10	3	Additional product id
	0370	13	FTX	С	5	3	Free text
11-	0410		SG10	С	10	3	RFF-DTM
	0420	14	RFF	М	1	3	Reference
∥ـ	- 0430	15	DTM	С	1	4	Date/time/period
	0410		SG10	С	10	3	RFF-DTM
	0420	16	RFF	М	1	3	Reference
	- 0430	17	DTM	С	1	4	Date/time/period
	0410		SG10	С	10	3	RFF
	- 0420	18	RFF	М	1	3	Reference
	0410		SG10	С	10	3	RFF-DTM
	0420	19	RFF	М	1	3	Reference
	- 0430	20	DTM	С	1	4	Date/time/period
	0410		SG10	С	10	3	RFF
	- 0420	21	RFF	М	1	3	Reference
	0470		SG12	С	200	3	QTY
	- 0480	22	QTY	М	1	3	Quantity
	0470		SG12	С	200	3	QTY
	— 0480	23	QTY	М	1	3	Quantity
	0470		SG12	С	200	3	QTY-SCC-DTM
	0480	24	QTY	М	1	3	Quantity
	0490	25	SCC	С	1	4	Scheduling conditions
Ш	- 0500	26	DTM	С	2	4	Date/time/period

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
1220	27	UNS	М	1	0	SECTION CONTROL
1250	28	UNT	М	1	0	MESSAGE TRAILER
0000	29	UNZ	М	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,

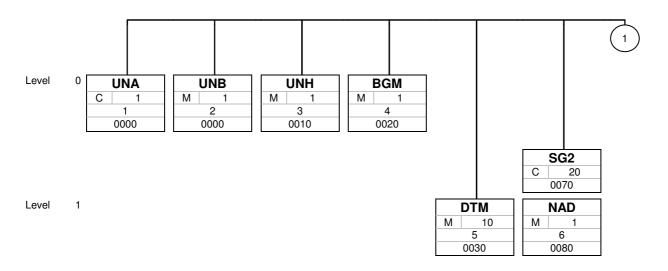
A=Advised, N=Not used

 HBPO EDIFACT DELFOR; 96; A
 DELFOR / UN D.96A S3
 Issue date:
 11.05.2010
 Print date:
 17.05.2010

 Generated by GEFEG.FX
 Page:
 3 / 37



Branching Diagram of Used Segments/Groups



Tag
St MaxOcc
No
Counter

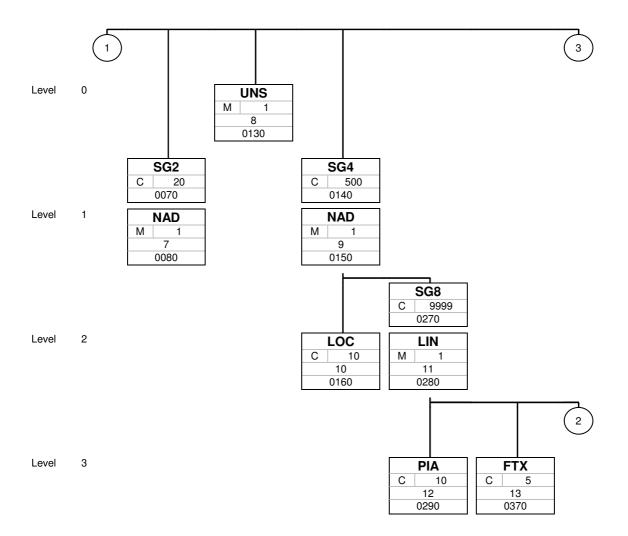
Tag = Segment/Group Tag

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





	Tag						
St	MaxOcc						
No							
C	Counter						

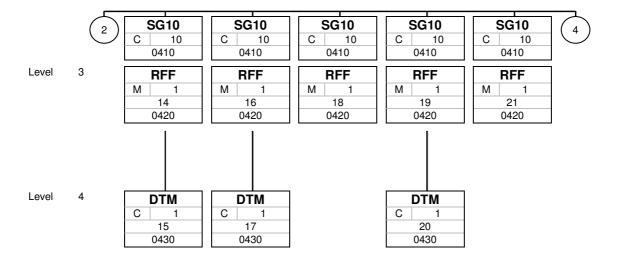
Tag = Segment/Group Tag

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





	Tag				
St	MaxOcc				
No					
Counter					

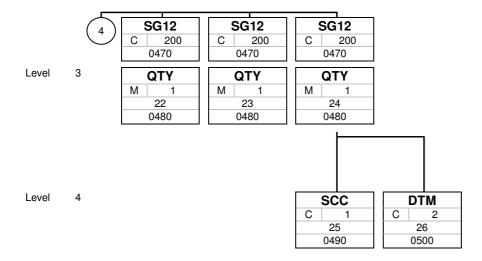
Tag = Segment/Group Tag

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





Tag
St MaxOcc
No
Counter

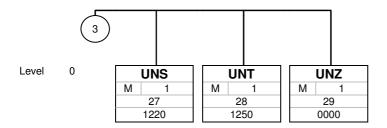
Tag = Segment/Group Tag

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





	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



Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0000	1	UNA	С	1	0	SERVICE STRING ADVICE

		Standard	Implement	tation
Tag	Name	St Format	St Format	Usage / Remark
UNA				
UNA1	Component data element separator	M an1	M an1	default (A): colon
UNA2	Data element separator	M an1	M an1	default (A): plus sign
UNA3	Decimal notation	M an1	M an1	default (A): comma or full stop
UNA4	Release indicator	M an1	M an1	default (A): question mark; if not used, insert space character
UNA5	Reserved for future use	M an1	M an1	default (A): insert space character
UNA6	Segment terminator	M an1	M an1	default (A): apostrophe

Remark:

Example:

UNA:+.?

A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0000	2	UNB	М	1	0	INTERCHANGE HEADER

		Standard	Implemen	tation
Tag	Name	St Format	St Format	Usage / Remark
UNB				
S001	SYNTAX IDENTIFIER	M	М	
0001	Syntax identifier	M a4	M a4	UNOC UN/ECE level C
0002	Syntax version number	M n1	M n1	3 Syntax version number 3
S002	INTERCHANGE SENDER	M	М	
0004	Sender identification	M an35	M an35	Possible Odette codes are: O0013010120HBPO
S003	INTERCHANGE RECIPIENT	M	М	
0010	Recipient identification	M an35	M an35	
S004	DATE/TIME OF PREPARATION	М	М	
0017	Date of preparation	M n6	M n6	Form: YYMMDD
0019	Time of preparation	M n4	M n4	Form: HHMM
0020	Interchange control reference	M an14	M an14	Unique reference assigned by the sender to an interchange
0026	Application reference	C an14	C an14	Fix: "DELFOR"
0035	Test indicator	C n1	C n1	1 indicates, that the message is a test 1 Interchange is a test

Remark:

Example:

UNB+UNOC:3+00013010120HBPO+FRISCHER

01+010127:0717+1166477++DELFOR++++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

 HBPO EDIFACT DELFOR; 96; A
 DELFOR / UN D.96A S3
 Issue date:
 11.05.2010
 Print date:
 17.05.2010

 Generated by GEFEG.FX
 Page:
 10 / 37



Counter	No	Tag	St	MaxOcc	Level	Name
0010	3	UNH	М	1	0	MESSAGE HEADER

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
UNH				
0062	Message reference number	M an14	M an14	Unique message reference assigned by the sender
S009	MESSAGE IDENTIFIER	M	M	
0065	Message type identifier	M an6	M an6	DELFOR Delivery schedule message
0052	Message type version number	M an3	M an3	D Draft directory
0054	Message type release number	M an3	M an3	96A Version 96A
0051	Controlling agency	M an2	M an2	UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)

Remark:

Example: UNH+00016+DELFOR:D:96A:UN'



Counter	No	Tag	St	MaxOcc	Level	Name
0020	4	BGM	М	1	0	Beginning of message

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
BGM				
C002	Document/message name	С	С	
1001	Document/message name, coded	C an3	C an3	241 Delivery schedule
1000	Document/message name	C an35	C an35	LIEFERA Delivery schedule BRUF
1004	Document/message number	C an35	C an35	Reference number assigned to the document/message by the issuer.

Remark:

Example:

BGM+241:::LIEFERABRUF+00016'



Counter	No	Tag	St	MaxOcc	Level	Name
0030	5	DTM	М	10	1	Date/time/period

		Standard	Implement	Implementation			
Tag	Name	St Format	St Format	Usage / Remark			
DTM							
C507	Date/time/period	М	М				
2005	Date/time/period qualifier	M an3	M an3	137 Document/message date/time			
2380	Date/time/period	C an35	C an35				
2379	Date/time/period format qualifier	C an3	C an3	102 CCYYMMDD			

Remark:

Example: DTM+137:20010127:102'



Counter	No	Tag	St	МахОсс	Level	Name
0070		SG2	С	20	1	NAD
0080	6	NAD	М	1	1	Name and address

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
NAD					
3035	Party qualifier	M an3	M an3	SU Supplier Code giving specific meaning to a party	
C082	Party identification details	С	С		
3039	Party id. identification	M an35	M an35		
3055	Code list responsible agency, coded	C an3	C an3	92 Assigned by buyer or buyer's agent	

Remark:

Example: NAD+SU+99000677::92'



Counter	No	Tag	St	MaxOcc	Level	Name
0070		SG2	С	20	1	NAD
0080	7	NAD	M	1	1	Name and address

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
NAD					
3035	Party qualifier	M an3	M an3	BY Buyer Code giving specific meaning to a party	
C082	Party identification details	С	С		
3039	Party id. identification	M an35	M an35		
3055	Code list responsible agency, coded	C an3	C an3	91 Assigned by seller or seller's agent	

Remark:

Example:

NAD+BY+00000063::91'



Counter	No	Tag	St	MaxOcc	Level	Name
0130	8	UNS	М	1	0	SECTION CONTROL

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
UNS				
0081	Section identification	M a1	M a1	D Header/detail section separation
				A charcter identifying the next section in a message

Remark:

Example:

UNS+D'



Counter	No	Tag	St	MaxOcc	Level	Name
0140		SG4	С	500	1	NAD-LOC-SG8
0150	9	NAD	M	1	1	Name and address

		Standard	Implement	tation
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party qualifier	M an3	M an3	ST Ship to Code giving specific meaning to a party
C082	Party identification details	С	С	
3039	Party id. identification	M an35	M an35	
3055	Code list responsible agency, coded	C an3	C an3	92 Assigned by buyer or buyer's agent
C080	Party name	С	С	
3036	Party name	M an35	M an35	
C059	Street	С	С	
3042	Street and number/p.o. box	M an35	M an35	
3164	City name	C an35	C an35	Name of a city (a town, a village) for addressing purposes
3251	Postcode identification	Postcode identification C an9 C an9 Code defir		Code defining postal zones or addresses; Note: Use code defined by appropriate national authority
3207	Country, coded	C an3	C an3	Identification of the name of a country or other geographical entity as specified in ISO 3166 Note: Use ISO 3166 two alpha country codes

Remark:

Example:

NAD+ST+004::92++HBPO GmbH+ERMELINGHOFSTRASSE 19+HAMM++59075+DE'



Counter	No	Tag	St	MaxOcc	Level	Name
0140		SG4	С	500	1	NAD-LOC-SG8
0160	10	LOC	С	10	2	Place/location identification

		Standard	Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
LOC					
3227	Place/location qualifier	M an3	M an3	11 Place/port of discharge Code identifying the function of a location	
C517	Location identification	С	С		
3225	Place/location identification	C an25	C an25		

Remark:

Example: LOC+11+4400'



Counter	No	Tag	St	МахОсс	Level	Name
0270		SG8	С	9999	2	LIN-PIA-FTX-SG10-SG12
0280	11	LIN	М	1	2	Line item

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
LIN				
C212	Item number identification	С	С	
7140	Item number	C an35	C an35	
7143	Item number type, coded	C an3	C an3	BP Buyer's part number

Remark:

Example:

LIN+++721 415-01:BP'



Counter	No	Tag	St	МахОсс	Level	Name
0270		SG8	С	9999	2	LIN-PIA-FTX-SG10-SG12
0290	12	PIA	С	10	3	Additional product id

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
PIA				
4347	Product id. function qualifier	M an3	M an3	Additional identification Indication of the function of the product code
C212	Item number identification	М	М	
7140	Item number	C an35	C an35	
7143	Item number type, coded	C an3	C an3	SA Supplier's article number
C212	Item number identification	С	С	
7140	Item number	C an35	C an35	
7143	Item number type, coded	C an3	C an3	DR Drawing revision number

Remark:

Example: PIA+1+ABC4711:SA+0815:DR'



Counter	No	Tag	St	МахОсс	Level	Name
0270		SG8	С	9999	2	LIN-PIA-FTX-SG10-SG12
0370	13	FTX	С	5	3	Free text

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject qualifier	M an3	M an3	LIN Line item Code specifying subject of a free text
C108	Text literal	С	С	
4440	Free text	M an70	M an70	
4440	Free text	C an70	C an70	
4440	Free text	C an70	C an70	
4440	Free text	C an70	C an70	
4440	Free text	C an70	C an70	

Remark:

Example: FTX+LIN+++X:X:X:X:X'



Counter	No	Tag	St	MaxOcc	Level	Name
0410		SG10	С	10	3	RFF-DTM
0420	14	RFF	М	1	3	Reference

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	М	М	
1153	Reference qualifier	M an3	M an3	AAN Delivery schedule number
1154	Reference number	C an35	C an35	

Remark:

Example:

RFF+AAN:00000016'



Counter	No	Tag	St	МахОсс	Level	Name
0410		SG10	С	10	3	RFF-DTM
0430	15	DTM	С	1	4	Date/time/period

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	М	М	
2005	Date/time/period qualifier	M an3	M an3	171 Reference date/time
2380	Date/time/period	C an35	C an35	
2379	Date/time/period format qualifier	C an3	C an3	102 CCYYMMDD

Remark:

Example: DTM+171:20060317:102'



Counter	No	Tag	St	MaxOcc	Level	Name
0410		SG10	С	10	3	RFF-DTM
0420	16	RFF	М	1	3	Reference

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	М	М	
1153	Reference qualifier	M an3	M an3	AIF Previous delivery instruction number
1154	Reference number	C an35	C an35	

Remark:

Example:

RFF+AIF:00000015'



Counter	No	Tag	St	МахОсс	Level	Name
0410		SG10	С	10	3	RFF-DTM
0430	17	DTM	С	1	4	Date/time/period

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	М	М	
2005	Date/time/period qualifier	M an3	M an3	171 Reference date/time
2380	Date/time/period	C an35	C an35	
2379	Date/time/period format qualifier	C an3	C an3	102 CCYYMMDD

Remark:

Example: DTM+171:20060302:102'



Counter	No	Tag	St	МахОсс	Level	Name
0410		SG10	С	10	3	RFF
0420	18	RFF	М	1	3	Reference

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	М	М	
1153	Reference qualifier	M an3	M an3	ON Order number (purchase)
1154	Reference number	C an35	C an35	

Remark:

Example:

RFF+ON: 5500004949'



Counter	No	Tag	St	МахОсс	Level	Name
0410		SG10	С	10	3	RFF-DTM
0420	19	RFF	M	1	3	Reference

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	М	М	
1153	Reference qualifier	M an3	M an3	AAK Despatch advice number
1154	Reference number	C an35	C an35	

Remark:

Example:

RFF+AAK:01/03984'



Counter	No	Tag	St	МахОсс	Level	Name
0410		SG10	С	10	3	RFF-DTM
0430	20	DTM	С	1	4	Date/time/period

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	М	М	
2005	Date/time/period qualifier	M an3	M an3	50 Goods receipt date/time
2380	Date/time/period	C an35	C an35	
2379	Date/time/period format qualifier	C an3	C an3	102 CCYYMMDD

Remark:

Example:

DTM+50:20050402:102'



Counter	No	Tag	St	МахОсс	Level	Name
0410		SG10	С	10	3	RFF
0420	21	RFF	М	1	3	Reference

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	М	М	
1153	Reference qualifier	M an3	M an3	CST Team assignment number
1154	Reference number	C an35	C an35	

Remark:

Example:

RFF+CST:0071'

17.05.2010 29 / 37



Counter	No	Tag	St	МахОсс	Level	Name
0470		SG12	С	200	3	QTY
0480	22	QTY	М	1	3	Quantity

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
QTY				
C186	Quantity details	М	М	
6063	Quantity qualifier	M an3	M an3	70 Cumulative quantity received
6060	Quantity	M n15	M n15	
6411	Measure unit qualifier	C an3	C an3	PCE Piece

Remark:

Example:

QTY+70:25000:PCE'



Counter	No	Tag	St	МахОсс	Level	Name
0470		SG12	С	200	3	QTY
0480	23	QTY	М	1	3	Quantity

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
QTY				
C186	Quantity details	М	М	
6063	Quantity qualifier	M an3	M an3	48 Received quantity
6060	Quantity	M n15	M n15	
6411	Measure unit qualifier	C an3	C an3	PCE Piece

Remark:

Example:

QTY+48:0:PCE'



Counter	No	Tag	St	МахОсс	Level	Name
0470		SG12	С	200	3	QTY-SCC-DTM
0480	24	QTY	М	1	3	Quantity

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
QTY				
C186	Quantity details	М	М	
6063	Quantity qualifier	M an3	M an3	113 Quantity to be delivered
6060	Quantity	M n15	M n15	
6411	Measure unit qualifier	C an3	C an3	PCE Piece

Remark:

Example:

QTY+113:0:PCE'



Counter	No	Tag	St	МахОсс	Level	Name
0470		SG12	С	200	3	QTY-SCC-DTM
0490	25	SCC	С	1	4	Scheduling conditions

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
SCC				
4017	Delivery plan status indicator, coded	M an3	M an3	Firm Planning/forecast Planning/forecast quantities have to be delivered like firm orders if there is no update with the next DELFOR. Code indicating the level of commitment of schedule information.

Remark:

Example: SCC+1'



Counter	No	Tag	St	МахОсс	Level	Name
0470		SG12	С	200	3	QTY-SCC-DTM
0500	26	DTM	С	2	4	Date/time/period

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	М	М	
2005	Date/time/period qualifier	M an3	M an3	Delivery date/time, requested Shipment date/time, requested
2380	Date/time/period	C an35	C an35	
2379	Date/time/period format qualifier	C an3	C an3	102 CCYYMMDD

Remark:

Example: DTM+2:20010131:102'



Counter	No	Tag	St	МахОсс	Level	Name
1220	27	UNS	М	1	0	SECTION CONTROL

		Standard	Implement	ation
Tag	Name	St Format	St Format	Usage / Remark
UNS				
0081	Section identification	M a1	M a1	S Detail/summary section separation
				A charcter identifying the next section in a message

Remark:

Example:

Generated by GEFEG.FX



Counter	No	Tag	St	MaxOcc	Level	Name
1250	28	UNT	М	1	0	MESSAGE TRAILER

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNT				
0074	Number of segments in a message	M n6	M n6	Control count of number of segments in a message
0062	Message reference number	M an14	M an14	Unique message reference assigned by the sender

Remark:

Example: UNT+26+00016'



Counter	No	Tag	St	MaxOcc	Level	Name
0000	29	UNZ	М	1	0	INTERCHANGE TRAILER

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNZ				
0036	Interchange control count	M n6	M n6	Count either of the number of messages or, if used, of the number of functional groups in an interchange.
0020	Interchange control reference	M an14	M an14	Unique reference assigned by the sender to an interchange.

Remark:

Example: UNZ+1+1166477'

HBPO EDIFACT DELFOR; 96; A 37 / Generated by GEFEG.FX Page: