

Message implementation guideline

Posti Status report
IFTSTA D.96B
Finland domestic road freight edition “Rahti”

International multimodal status report message

Based on EDIFACT IFTSTA D.96B

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Contents

Document Change History	3
Following notes will be applied.....	4
Status of the data elements	4
Consignment level or package level status report	4
Number of messages in file.....	4

Document Change History

Version	Date	Author	Modification
draft	2014-06-04	S. Sirén	Document created; applicable only for FI domestic Road freight transports
1.0	2014-09-17	S. Sirén	Version 1 baseline
1.0	2015-01-01	S. Sirén	Company name change from Itella to Posti, no other changes, no version upgrade
1.1	2016-01-20	S. Sirén	Posti product portfolio renewal related updates (terminology only, no changes to structure)

Following notes will be applied

Status of the data elements

M = Mandatory
 R = Required; necessary to use, although not mandatory
 C = Conditional
 O = Optional
 N = Not used

Consignment level or package level status report

If SG9 and SG2 (GID and PCI-segments) doesn't exist in message, status report is given on Consignment level. If SG9 and SG2 (GID and PCI-segments) are transmitted with package identification codes, status report is given on package level.

Number of status reports in message file

Posti message file can consist of one status report or several status reports. Between segments UNB and UNZ can be sent several status reports, e.g. loop the segments from UNH to UNT with relevant data content and segments between.

Example: one status in one message file on package level

```
UNA:+.? '
UNB+UNOC:2+003717925384+123456+101222:1910+6000000072440'
UNH+6c263dd3f8e2+IFTSTA:D:96B:UN'
BGM+77+109f020680d7'
DTM+137:201406041435:203'
CNI+1+174200474941'
STS+1+08+111'
RFF+BN:171001765757'
DTM+183:201406040915:203'
FTX+ACB+++INCOMPLETE DELIVERY ADDRESS'
NAD+AP+++Matti Virtanen'
LOC+92+FI/LHI/6153'
GID+1+1'
PCI+24+0046430042190001020175'
UNT+34+1'
UNZ+1+6000000072440'
```

Example: several statuses in one message file on consignment level

UNA:+.? '
UNB+UNOC:2+003717925384+123456+140530:0142+14014033432520'
UNH+MSGID1+IFTSTA:D:96B:UN'
BGM+77'
DTM+137:201405301128:203'
CNI+1+40264189430001574953'
STS+1+48+000
RFF+BN:379037723654'
DTM+183:201405300027:203'
FTX+ACB+++Weight?: 1000.0 kg / Loadingmeters?: 0.5'
LOC+92+FI/VAT/1011'
UNT+10+MSGID1'
UNH+MSGID2+IFTSTA:D:96B:UN'
BGM+77'
DTM+137:201405301128:203'
CNI+1+40264189430001574524'
STS+1+01+000'
RFF+BN:379038165942'
DTM+183:201405300027:203'
LOC+92+FI/LHI/6153'
UNT+10+MSGID2'
UNH+MSGID3+IFTSTA:D:96B:UN'
BGM+77'
DTM+137:201405301129:203'
CNI+1+40264189430001574979'
STS+1+03+047'
RFF+BN:379038436512'
DTM+183:201405300026:203'
LOC+92+FI/LHI/6153'
UNT+10+MSGID3'
UNZ+3+14014033432520'

UNA	M		SERVICE STRING ADVICE	Max. occurrence: 1
Function: To define the characters used as separators and indicators for the interchange.				

Element	Status	Format	Description	Usage / Contents, Remarks
UNA1	M	an1	Component Data Element Separator	This element acts as a composite element delimiter. The default character for this segment is a colon (:).
UNA2	M	an1	Data Element Separator	This element acts as a data element delimiter. The default character for this segment is a plus sign (+).
UNA3	M	an1	Decimal Notification	The recipient ignores the character transferred in this position. The default character for this segment is a full stop/period (.). This segment ensures upward compatibility with earlier versions of the syntax.
UNA4	M	an1	Release Indicator	This character is used to indicate that the text following contains one of the characters used as a composite, data, or segment separator. Therefore, this character is released from its conventional usage in this instance. The default character for this segment is a question mark (?).
UNA5	M	an1	Reserved for future use	In this segment, insert a space where all valid standard codes are used. The default character for this segment is a space.
UNA6	M	an1	Segment Terminator	You use this segment to indicate the end of the current segment and the start of a new segment. The default character for this segment is an apostrophe (').

Example: UNA:+.? '

UNB	M		INTERCHANGE HEADER	Max. occurrence: 1
Function: To head, identify and specify an interchange				

Element	Status	Format	Description	Usage / Contents, Remarks
S001	M		SYNTAX IDENTIFIER	
0001	M	a4	Syntax identifier	UNOC, UN/ECE level C
0002	M	n1	Syntax version number	2
S002	M		INTERCHANGE SENDER	
0004	M	an..35	Sender identification	See separate codelist
0007	C	an..4	Partner identification code qualifier	
S003	M		INTERCHANGE RECIPIENT	
0010	M	an..35	Recipient identification	See separate codelist
0007	C	an..4	Partner identification code qualifier	
S004	M		DATE/TIME OF PREPARATION	
0017	M	n6	Date of preparation	YYMMDD
0019	M	n4	Time of preparation	HHMM
0020	M	an..14	INTERCHANGE CONTROL REFERENCE	Unique reference assigned by sender

Example: UNB+UNOC:2+003717925384+123456+101222:1910+6000000072440'

UNH	M		MESSAGE HEADER	Max. occurrence: 1
Function: A service segment starting and uniquely identifying a message. The message type code for the International multimodal status report message is IFTSTA.				

Element	Status	Format	Description	Usage / Contents, Remarks
0062	M	an..14	MESSAGE REFERENCE NUMBER	System-generated reference number: Recommendation: start with 1 and increase by one for each subsequent message.
S009	M		MESSAGE IDENTIFIER	
0065	M	an..6	Message type identifier	IFTSTA = Message type IFTSTA
0052	M	an..3	Message type version number	D = Draft Directory
0054	M	an..3	Message type release number	96B = Version 96B
0051	M	an..2	Controlling agency	UN = UN/ECE/TRADE/WP.4
				United Nations Standard Messages (UNSM)
0057	O	an..6	Association assigned code	See notes

Example: UNH+6c263dd3f8e2+IFTSTA:D:96B:UN'

BGM	M		BEGINNING OF MESSAGE	Max. occurrence: 1
Function: A segment indicating the beginning of a message and identifying the consignment for which status is being reported.				

Element	Status	Format	Description	Usage / Contents, Remarks
C002	C		DOCUMENT/MESSAGE NAME	
1001	C	an..3	Document/message name, coded	77 = Status report
1131	C	an..3	Code list qualifier	
3055	C	an..3	Code list responsible agency, coded	
1004	C	an..35	DOCUMENT/MESSAGE NUMBER	Definite identification number of the message (at application level), consecutive number.

Note: Events or changes relating to an individual consignment must be transmitted by status reports referring to individual consignments.

Note 1004: a program-generated number to identify the message. Is normally provided by the converter as it doesn't necessarily have relation to consignment .

Example: BGM+77+109f020680d7'

DTM	R		DATE/TIME/PERIOD	Max. occurrence: 1
Function: A segment indicating the date of the message.				

Element	Status	Format	Description	Usage / Contents, Remarks
C507	M		DATE/TIME/PERIOD	
2005	M	an..3	Date/time/period qualifier	137 = Document/Message date/time
2380	C	an..35	Date/time/period	Specification of date and time
2379	C	an..3	Date/time/period format qualifier	203 = YYYYMMDDHHMM

Example: DTM+137:201406041435:203'

SG4	R		CNI-LOC-CNT-SG5	Max.occurrence: 999
Function: A group of segments to identify a consignment and status details relating to it.				

CNI	M		CONSIGNMENT INFORMATION	Max. occurrence: 1
Function: A segment to identify a consignment for which status details are given.				

Element	Status	Format	Description	Usage / Contents, Remarks
1490	O	n..4	CONSOLIDATION ITEM NUMBER	Sequence number
C503	C		DOCUMENT/MESSAGE DETAILS	Customer Consignment ID / Customer domestic waybill number
1004	C	an..35	Document/message number	

CNI+1+174200474941'

Note: If Customer haven't give own consignment number, Posti order number will be sent both in CNI-segment and RFF+BN.

SG5	R		STS-RFF-DTM-DOC-FTX-NAD-LOC-PCI-SG6-SG7-SG9	Max.occurrence: 999
Function: A group of segments indicating the status and/or identifying an event and specifying relevant details				

STS	M		STATUS	Max. occurrence: 1
Function: A segment specifying the status relating to a consignment (e.g. loaded).				

Element	Status	Format	Description	Usage / Contents, Remarks
C601	C		STATUS TYPE	
9015	C	an..3	Status type, coded	1 = Transport
1131	O	an..3	Code list qualifier	will be mutually agreed, if used
3055	O	an..3	Code list responsible agency, coded	will be mutually agreed, if used
C555	M		STATUS EVENT	
9011	M	an..3	Status event, coded	See codelist
1131	N	an..3	Code list qualifier	Not used
3055	O	an..3	Code list responsible agency, coded	will be mutually agreed, if used
9010	N	an..35	Status event	Not used
C556	C		STATUS REASON	
9013	M	an..3	Status reason, coded	See codelist
1131	N	an..3	Code list qualifier	Not used
3055	O	an..3	Code list responsible agency, coded	will be mutually agreed, if used
9012	N	an..35	Status reason	Not used.

Note: SG5 maximum occurrence is set to 999 instead of EDIFACT rules 99

Example: STS+1+08+111'

RFF	R		REFERENCE	Max. occurrence: 9
Function: A segment identifying a reference relating to the status (e.g House Bill of Lading number).				

Element	Status	Format	Description	Usage / Contents, Remarks
C506	M		REFERENCE	
1153	M	an..3	Reference qualifier	BN = Booking reference number
1154	C	an..35	Reference number	Posti order number (unique) given by Posti system

Note: If Customer haven't give own consignment number, Posti order number will be sent both in CNI-segment and in RFF+BN

Example: RFF+BN:171001765757'

DTM	R		DATE/TIME/PERIOD	Max. occurrence: 9
Function: A segment indicating the date and time of the status or event				

Element	Status	Format	Description	Usage / Contents, Remarks
C507	M		DATE/TIME/PERIOD	
2005	M	an..3	Date/time/period qualifier	183 = Date when the event took place (local time)
2380	C	an..35	Date/time/period	Status date/scan date and time
2379	C	an..3	Date/time/period format qualifier	203 = CCYYMMDDHHMM

Example: DTM+183:201406040915:203'

FTX	C		FREE TEXT	Max. occurrence: 9
Function: A segment specifying processable information relating to the status.				

Element	Status	Format	Description	Usage / Contents, Remarks
4451	M	an..3	TEXT SUBJECT QUALIFIER	ACB = Additional information Additional text related to the event. ZZZ = POD link to electronic archive.
4453	N	an..3	TEXT FUNCTION, CODED	Not used
C107	N		TEXT REFERENCE	Not used
4441	N	an..3	Free text, coded	Not used
C108	C		TEXT LITERAL	
4440	M	an..70	Free text	Unocded free text

Note: This segment contains additional information relating to the event and reason in STS segment.

Example: FTX+ACB+++INCOMPLETE DELIVERY ADDRESS'

NAD	C		NAME AND ADDRESS	Max. occurrence: 2
Function: A segment specifying the name and/or address associated with the event such as notify party, terminal address, trucking company for gate move.				

Element	Status	Format	Description	Usage / Contents, Remarks
3035	M	an..3	PARTY QUALIFIER	Function of the people involved AP = Accepting Party signing the receipt
C082	N		PARTY IDENTIFICATION DETAILS	Not used
C058	C		NAME AND ADDRESS	Not used
C080	C		PARTY NAME	If 3035 is specified, the name of the person who acknowledged the receipt is given here.
3036	M	an..35	Party name	Specification of the name

Note: This segment is transmitted only with event 'Delivered'. Used for IOD information, e.g. name of person who signed the waybill at the moment of delivery for POD.

Example: NAD+AP+++Matti Virtanen'

LOC	C		PLACE/LOCATION IDENTIFICATION	Max. occurrence: 1
Function: A segment to identify a country/place/location/related location one/related location two.				

Element	Status	Format	Description	Usage / Contents, Remarks
3227	M	an..3	PLACE/LOCATION QUALIFIER	92 = Routing
C517	C		LOCATION IDENTIFICATION	Identification of the Posti terminal code on which responsibly area the event took place. See codelist.
3225	C	an..25	Place/location identification	

Example: LOC+92+FI/LHI/6153'

SG9	C		GID-HAN-SGP-DGS-FTX-SG10-SG11-SG12	Max.occurrence: 99
Function: A group of segments describing the goods item related to the status or event.				

GID	M		GOODS ITEM DETAILS	Max. occurrence: 1
Function: A segment identifying a goods item.				

Element	Status	Format	Description	Usage / Contents, Remarks
1496	C	n..5	GOODS ITEM NUMBER	increasing number beginning with 1
C213	C		NUMBER AND TYPE PACKAGES	
7224	C	n..8	Number of packages	number of packages
7065	N	an..17	Type of packages identification	Not used
1131	N	an..3	Code list qualifier	Not used
3055	N	an..3	Code list responsible agency, coded	Not used

Note: Will be used to transmit Barcodes in SG12.

Example: GID+1+1'

SG12	C		PCI-GIN	Max.occurrence: 99
Function: A group of segments specifying marks and numbers related to the transport line items.				

PCI	M		PACKAGE IDENTIFICATION	Max. occurrence: 1
Function: A segment specifying marks related to the transport line items.				

Element	Status	Format	Description	Usage / Contents, Remarks
4233	C	an..3	MARKING INSTRUCTIONS, CODED	24 = Shipper assigned
C210	N		MARKS & LABELS	
7102	M	an..35	Shipping marks	Package identification ID. Usually SSCC-code.
7102	C	an..35	Shipping marks	
7102	C	an..35	Shipping marks	
7102	C	an..35	Shipping marks	
7102	C	an..35	Shipping marks	
7102	C	an..35	Shipping marks	
7102	C	an..35	Shipping marks	
7102	C	an..35	Shipping marks	
7102	C	an..35	Shipping marks	
7102	C	an..35	Shipping marks	
8275	N	an..3	CONTAINER/PACKAGE STATUS, CODED	Not used
C827	C		TYPE OF MARKING	
7511	N	an..3	Type of marking, coded	Not used

Example: PCI+24+0046430042190001020175'

Note: SSCC-codes are always transmitted with leading zeroes.

Note: If PCI-segment doesn't exist, status report is given on Consignment level. If PCI-segment is transmitted with package identification codes, status report is given on package level.

UNT	M		MESSAGE TRAILER	Max. occurrence: 1
Function: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.				

Element	Status	Format	Description	Usage / Contents, Remarks
0074	M	n..6	NUMBER OF SEGMENTS IN A MESSAGE	Number of segments of the message, including UNH and UNT.
0062	M	an..14	MESSAGE REFERENCE NUMBER	Reference number of the message, contents of de0062 of segment UNH of the same message.

Note: A segment to finish the message and to check its completeness.

Example: UNT+34+1'

UNZ	M		INTERCHANGE TRAILER	Max. occurrence: 1
Function: To end and check the completeness of an interchange				

Element	Status	Format	Description	Usage / Contents, Remarks
0036	M	n..6	INTERCHANGE CONTROL COUNT	
0020	M	an..14	INTERCHANGE CONTROL REFERENCE	

Note 0036: Number of messages in the interchange (generated by the application).

Note 0020: Interchange reference number, same as in preceding UNB-segment (derived from UNB by the application)

Example: UNZ+1+6000000072440'