

UN/EDIFACT

DRAFT DOCUMENT

Traffic or travel information acknowledgement message

This message has undergone only an initial technical assessment which may have found certain technical and presentation problems. These will be solved before the message is submitted as a request for Status 1. Anything shown under Section 5 (or, in some cases, which should have been shown in Section 5 - directory variations) is NOT approved at this stage. Further information on the development of this message can be obtained from the Rapporteur's EDIFACT Board Secretariat. This document is issued for information and comments and is not intended for implementation.

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0. INTRODUCTION

This specification provides the definition of the Traffic or travel information acknowledgement message (TRAVAK) to be used in Electronic Data Interchange (EDI) between trading partners, involved in administration, commerce and transport.

1. SCOPE

1.1 Functional Definition

A message to serve parties that send and/or receive traffic or travel information (e.g. traffic or travel information or control centres, telecommunications services, broadcasters, police, road authorities, public transport operators, breakdown or rescue services, freight operators, individual travellers), acknowledging the follow-up of another traffic or travel related message. Typically, it gives an interim response to, or a negative answer to a traffic or travel information request message (TRAREQ).

1.2 Field of Application

The traffic or travel information acknowledgement message may be used for both national and international trade. It is based on universal commercial practice and is not dependent on the type of business or industry.

1.3 Principles

This message is meant to comply with the operational requirements of organisations concerning acknowledgement of traffic or travel related

messages.

The TRAVAK message is designed to organise the data exchange in a structured manner. TRAVAK is intended to provide information that results from the processing of an earlier message (TRAREQ, typically) in the receiving application. TRAVAK may state that the earlier message was processed, resulting in normal, limited or no follow-up. For example, TRAVAK can be used to report that the requested information would exceed two gigabyte and may be unmanageable therefore.

TRAVAK does not provide any kind of actual traffic or travel situation information. The Traffic or travel situation information message (TRAVIN) can be used to this purpose. For example, TRAVIN can be used to reply that there is no parking place available (because car parks are full), in response to a TRAREQ message which requests if car park space is available.

Acknowledgements are needed to deal with cases where a response cannot be given immediately. The requester can be asked to wait, or can use the information in TRAVAK to refine the request. This process can be repeated until the request results in a manageable response of traffic or travel information through a message such as TRAVIN.

1. One TRAVAK message conveys one traffic or travel information acknowledgement, giving details regarding the acknowledgement or a (partially) negative answer.

2. The TRAVAK message can be used to provide various kinds of acknowledgement or (partially) negative responses. For example:

- the estimated number of bytes which would result from answering a request can be sent, or a firm quotation of the cost may be given.

- it can be acknowledged that requested periodic information will be provided later, but in the current interval there is nothing available, or nothing due.

- it can be indicated that requested information cannot be provided, because it is not available.

- the acknowledgement message can suggest that the requested information may not be appropriate, because the selection is too large for practical purposes.

3. On receipt of such an acknowledgement or (partially) negative response, the requester can use the information in TRAVAK to refine the request in a new TRAREQ message. This process can be repeated until the request results in a manageable response of traffic or travel information through a message such as TRAVIN.

4. Within the context of this message, the 'cancellation indicator' and 'end indicator' are described as follows:

end indicator - indicates that the referenced
information is no longer effective

cancellation indicator - indicates that the referenced
information was previously distributed in error

2. REFERENCES

See UNTDID, Part 4, Section 2.6, UN/ECE UNSM - General Introduction, Section 1.

3. TERMS AND DEFINITIONS

See UNTDID, Part 4, Section 2.6, UN/ECE UNSM - General Introduction, Section 2.

4. MESSAGE DEFINITION

4.1 Data Segment Clarification

This section should be read in conjunction with the Branching Diagram and the Segment Table which indicate mandatory, conditional and repeating requirements.

0010 UNH, Message header
A service segment starting and uniquely identifying the message. The message type code for the Traffic or travel information acknowledgement message is 'TRAVAK'.

Note: Traffic or travel information acknowledgement messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 TRAVAK
0052 0
0054 1
0051 RT

0020 BGM, Beginning of message
A segment to indicate the beginning of a message and to transmit the identifying number. Furthermore data element

1225 can be used to indicate that the message cancels or ends an earlier message, referenced in RFF on message top level.

0030 DTM, Date/time/period
A segment to time-stamp the message. This segment can also be used to indicate other dates and/or times which apply to the message as a whole, such as: - message sending time - request time

0040 FTX, Free text
A segment to provide additional free form information related to the acknowledgement, normally implying further manual processing.

0050 GIS, General indicator
A segment to provide a general indicator relating to the whole message, such as the delivery mode. The delivery mode can be

'one-shot' (information required once only), periodic (information required at specified intervals) or continuous (information required as soon as it becomes available).

0060 STS, Status
A segment to indicate the status of a (data) order, such as:
-
accepted new order - cancelled successfully

0070 QTY, Quantity
A segment to indicate the number of bytes of data, messages or
data records available.

0080 MOA, Monetary amount
A segment to indicate a monetary estimate or firm quotation.

0090 Segment Group 1: RFF-DTM
A group of segments to specify references relating to the whole
message, and associated dates and/or times.

0100 RFF, Reference
A segment to indicate a reference applying to the whole message, such as: - related earlier message number - contract number

0110 DTM, Date/time/period
A segment to provide a date and/or time relating to the reference.

0120 NAD, Name and address
A segment to indicate the identity of the message sender within
the application.

0130 UNT, Message trailer
A service segment ending a message giving the total number of
segments in the message and the control reference number of the
message.

4.2 Data Segment Index (Alphabetical Sequence)

BGM Beginning of message
DTM Date/time/period
FTX Free text
GIS General indicator
MOA Monetary amount
NAD Name and address
QTY Quantity
RFF Reference
STS Status
UNH Message header
UNT Message trailer

4.3 Message Structure

4.3.1 Segment Table

POS	TAG NAME	S	R
0010	UNH Message header	M	1
0020	BGM Beginning of message	M	1
0030	DTM Date/time/period	M	9
0040	FTX Free text	C	1

ÅÄÄÄÄÄÄÄÅ ÄÄÄÄÄÄÄÄÅ ÄÄÄÄÄÄÄÄÅ
 3
 ÚÄÄÄÄÄÄÄÄž
 3 DTM 3
 2
 ÅÄÄÄÄÄÄÄÅ´
 3C3 9 3
 ÅÄÄÄÄÄÄÄÅ

5. DIRECTORIES

5.1 Directory References

See DRAFT Directory D.94B.

5.2 Explanation of Directory Variations

There are no directory variations.

x

5.2.1 Segment Variation

*|STS STATUS
NA

| Function:
FU

C601		C
C555	STATUS EVENT	C
DI		
9011	Status event, coded	M an..3
1131	Code list qualifier	C an..3
3055	Code list responsible agency, coded	C an..3
C556	STATUS REASON	C
DI		
9013	Status reason, coded	M an..3
1131	Code list qualifier	C an..3
3055	Code list responsible agency, coded	C an..3
9012	Status reason	C an..35

5.2.1 Segment Variation

*|STS STATUS
NA

| Function:
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C555	STATUS EVENT	C

DI	9011	Status event, coded	M an..3
	1131	Code list qualifier	C an..3
	3055	Code list responsible agency, coded	C an..3
	C556	STATUS REASON	C
DI	9013	Status reason, coded	M an..3
	1131	Code list qualifier	C an..3
	3055	Code list responsible agency, coded	C an..3
	9012	Status reason	C an..35

5.2.2 Composite Variation

*|C601
NA

|Desc:
FU

| 9015 Status type, coded M an..3
DI
| 1131 Code list qualifier C an..3
DI
| 3055 Code list responsible agency, coded C an..3
DI

5.2.3 Data Element Variation

+ 0051 Controlling agency
AD
Desc: Code identifying the agency controlling the specification,
maintenance and publication of the message type.
Repr: an..2
