

UN/EDIFACT

DRAFT DOCUMENT

Traffic or travel details of individual traveller 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 details of individual traveller message (TRADIN) 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 and control centres, telecommunications services, broadcasters, police, road authorities, public transport operators, breakdown services, search and rescue organisations, freight operators, individual travellers), giving details of a means of transport and/or individual travellers (e.g. passengers) such as a breakdown call or an emergency call.

1.2 Field of Application

The traffic or travel details of individual traveller 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

1. This message is meant to comply with the operational requirements of organisations concerning the notification and dissemination of traffic or travel details of individual travellers.

2. This message supports both routine and emergency calls from vehicles, vessels or individual travellers; it also supports breakdown calls and the reporting of accidents, crime, lockout problems, etc. This includes problem identification and position reporting. It also supports urgent personal messages which authorities have to deal with (e.g. serious illness of a traveller's close relative).

3. Emergency services, search and rescue organisations, motorist assistance organisations and breakdown services deal with huge numbers of calls for help every year. This message will allow public and private sector agencies to support these needs through the national and international exchange of information in compatible, language-independent formats.

4. One message conveys details about one means of transport (e.g. one vehicle and its passengers or one individual traveller).

5. The message can be used to describe and, where necessary, request help in connection with an accident, a crime, an urgent personal message, a breakdown, a lockout, or a routine position report, etc.

6. One message may relate to all relevant information about the means of transport report, or to a part of that information. Details may be split in different messages, e.g. as they are known at different times.

7. One message may contain one or several phrases describing the details of individual traveller(s).

8. One message may address one or several affected locations. The details of an individual traveller may include a position report, which refers to the last reported position of the means of transport, e.g. on the road.

9. Each message contains information of one particular type (e.g. report of an accident, position report, urgent personal message). Data element 1001 (Document/message name, coded) of segment BGM can be used to provide further specification of the message type, indicating the operational structure and content of the information.

10. The TRADIN message has to cater for frequent updates (changes, deletions, or cancellation).

11. A TRADIN message may be sent according to existing agreements with the recipient, or in response to an earlier Traffic or travel information request message (TRAREQ).

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 details of individual traveller message is 'TRADIN'.

Note: Traffic or travel details of individual traveller messages conforming to this document must contain the following

data in segment UNH, composite S009:

Data element 0065 TRADIN
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. The segment can also be used to provide further specification of the message type, through data element 1001: Document/message name, coded. 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: - input time - expiry time

0040 GIS, General indicator
A segment to provide a general indicator relating to the whole message, such as: - urgency - severity

0050 STS, Status
A segment to report characteristics of the means of transport and/or individual travellers (e.g. passengers).

0060 QTY, Quantity
A segment to indicate a quantity, e.g. within an emergency call. Examples: - number of passengers - number of injured people - number of vehicles involved

0070 FTX, Free text
A segment to report additional details in free text form.

0080 Segment Group 1: RFF-DTM
A group of segments to specify references relating to the whole message, and associated dates and/or times.

0090 RFF, Reference

- A segment to indicate a reference applying to the whole message, such as: - order number
- 0100 DTM, Date/time/period
A segment to provide a date and/or time relating to the reference.
- 0110 Segment Group 2: TDT-LOC-DTM
A group of segments to provide details of the means of transport (e.g. vehicle) being reported about in this message.
Additionally, related locations and dates and/or times can be given.
- 0120 TDT, Details of transport
A segment to specify details of the means of transport involved.
- 0130 LOC, Place/location identification
A segment to report the position of the means of transport, or other locations related to the means of transport (e.g. origin, destination).
- 0140 DTM, Date/time/period
A segment to indicate a date and/or time related to the means of transport, such as: - departure time - estimated arrival time
- 0150 Segment Group 3: NAD-LOC-DTM
A group of segments to provide details of one or more individual travellers.
- 0160 NAD, Name and address
A segment to indicate the identity of the message sender within the application. It can also be used to indicate an individual traveller to whom the message relates.
- 0170 LOC, Place/location identification
A segment to report the location of the individual, or other locations related to the individual (e.g. origin, destination).
- 0180 DTM, Date/time/period
A segment to indicate a date and/or time related to the individual, such as: - scheduled departure time - scheduled arrival time
- 0190 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
LOC Place/location identification

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:
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

```

5.2.2 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

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+ 0051     Controlling agency

```

AD

Desc: Code identifying the agency controlling the specification,
maintenance and publication of the message type.

Repr: an..2
