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ROAD TRANSPORT AND TRAFFIC TELEMATICS - DATEX TRAFFIC AND TRAVEL DATA DICTIONARY (VERSION 3.1A)

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1. Foreword (informative)

This European Prestandard has been prepared by Technical Committee CEN/TC 278 "Road transport and traffic telematics", the secretariat of which is held by NNI

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this European Prestandard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

A first data dictionary has been issued as ENV 13106-1:1998, which was designed as a first part only containing the highest level items. It did not include the list of phrases which was being finalised by WG 4 of CEN/TC 278 and published as ENV 12313-2.

This draft, produced from the DATEX-Net specifications and data dictionary is a complete one, encompassing expansions and additions, intended to serve the general needs and in particular the data exchange applications as specified by DATEX. This European Prestandard replaces ENV 13106-1:1998.

2. Introduction (informative)

Information system applications are increasingly interconnected. A predominant trend towards standardisation has been a major theme throughout DRIVE and its successors, which is found in national projects as well. The minimum need for project interoperability is a common dictionary. This is why the DATEX Task since its creation in the ATT programme released several versions of the Traffic/Travel Data Dictionary which have been provided to the CEN WG8 as working documents and became the basis of ENV 13106-1:1998

In December 1996, DATEX had prepared both versions 3.0 of the dictionary and the first version, numbered 1.1, of the Specifications for Interoperability. This package was then submitted CEN/TC 278 which in turn sent it in 1997 to stage 32 for TC comments.

The resulting comments have been processed by the last DATEX effort, funded by the EC, which has produced this dictionary version 3.1 proposed as a draft European Prestandard to CEN/TC 278/WG 8 as well as version 1.2 of the Specifications for Interoperability.

This dictionary has a dual aim:

1. it serves general purposes, by enabling a normative common understanding of data and information and proposing informative pre-defined codes, units and formats for system design,
2. it is to be used as a companion book of the DATEX-Net Specifications for Interoperability also proposed for standardisation in data/information exchange.

For this reason this European Prestandard contains common normative elements and specific informative parts.

3. Scope (normative)

This standard defines terms used for data and information in the fields of traffic and travel. The standard is applicable to traffic and transport engineering in general, and particularly data and information exchange.

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