

STN	Intelligentné dopravné systémy. Dopravné a cestovné informácie (TTI). Správy TTI sprostredkované kódovaním údajov o cestnej premávke. Časť 2: Kódy udalostí a informácií pre rádiový dátový systém. Kanál dopravných správ (RDS-TMC)(ISO 14819-2: 2013).	STN EN ISO 14819-2 01 8548
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Intelligent transport systems - Traffic and travel information messages via traffic message coding - Part 2: Event and information codes for Radio Data System - Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-2:2013)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Obsahuje: EN ISO 14819-2:2013, ISO 14819-2:2013

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English Version

**Intelligent transport systems - Traffic and travel information
messages via traffic message coding - Part 2: Event and
information codes for Radio Data System - Traffic Message
Channel (RDS-TMC) using ALERT-C (ISO 14819-2:2013)**

Systèmes intelligents de transport - Informations sur le trafic
et le tourisme via le codage de messages sur le trafic -
Partie 2: Codes d'événements et d'informations pour le
système de radiodiffusion de données (RDS) - Canal de
messages d'informations sur le trafic (RDS-TMC) avec
ALERT-C (ISO 14819-2:2013)

Intelligente Transportsysteme - Verkehrs- und
Reiseinformationen über Verkehrsmeldungskodierung - Teil
2: Ereignis- und Informationscodes für den digitalen
Radiokanal für Verkehrsmeldungen (RDS-TMC) unter
Nutzung von ALERT-C (ISO 14819-2:2013)

This European Standard was approved by CEN on 26 October 2013.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN ISO 14819-2:2013) has been prepared by Technical Committee ISO/TC 204 “Intelligent transport systems” in collaboration with Technical Committee CEN/TC 278 “Road transport and traffic telematics” the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2014, and conflicting national standards shall be withdrawn at the latest by June 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO 14819-2:2013 has been approved by CEN as EN ISO 14819-2:2013 without any modification.

INTERNATIONAL STANDARD

ISO
14819-2

First edition
2003-06-01

Traffic and Traveller Information (TTI) — TTI messages via traffic message coding —

Part 2:

Event and information codes for Radio Data System — Traffic Message Channel (RDS-TMC)

*Informations sur le trafic et le tourisme (TTI) — Messages TTI via le
codage de messages sur le trafic —*

*Partie 2: Codes d'événements et d'informations pour le système de
radiodiffusion de données (RDS) — Canal de messages d'informations
sur le trafic (RDS-TMC)*



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ISO 14819-2:2003(E)

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 14819-2 was prepared by the European Committee for Standardization (CEN) in collaboration with Technical Committee ISO/TC 204, *Intelligent transport systems*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Throughout the text of this document, read “...this European Standard...” to mean “...this International Standard...”.

ISO 14819 consists of the following parts, under the general title *Traffic and Traveller Information (TTI) — TTI messages via traffic message coding*:

- *Part 1: Coding protocol for Radio Data System — Traffic Message Channel (RDS-TMC) using ALERT-C*
- *Part 2: Event and information codes for Radio Data System — Traffic Message Channel (RDS-TMC)*
- *Part 3: Location referencing for ALERT-C*

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Foreword

The text of the International Standard from Technical Committee ISO/TC 204 "Intelligent transport systems" of the International Organization for Standardization (ISO) a European Standard by Technical Committee CEN/TC 278, "Road transport and traffic telematics", the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2003, and conflicting national standards shall be withdrawn at the latest by November 2003.

This document supersedes ENV 12313-2:1997.

This document has to be implemented at national level, either by publication of an identical text or by endorsement, by November 2003, and conflicting national standards have to be withdrawn by November 2003.

Attention is drawn to the fact that there may be Intellectual Property Rights (IPR) in relation to certain provisions of this standard, especially in regard to the implementation of terminal products. The technical experts of TC 278 were unable to identify such claims due to the complicated legal issues involved. IPR holders should notify CEN of their claims.

No known national standards (identical or conflicting) exist on this subject.

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

Introduction

EN ISO 14819-2 is the second part of the EN 12313 / EN ISO 14819 series of standards, covering the so-called 'ALERT-C' protocol encoded for transmission into the RDS-TMC feature. Therefore, this standard must uniquely and solely be considered together with EN ISO 14819-1, for a complete understanding.

EN ISO 14819-1 fully describes the ALERT-C protocol concept and relationship with the RDS standard, IEC 62106:2000

In this version of EN ISO 14819-2, the content and the structure of the 'Events List' have not been altered, but recent work from the FORCE/ECORTIS Projects regarding translations and a number of improved formatting ideas suggested by the EPISODE Project, have been introduced. Additionally mention is made of suggested 'Event List' sub-sets.

In particular, this part contains the *special meta-language*, in the so-called 'CEN-English', which the technical experts of CEN TC 278 agreed would be the only and sole source for all coded descriptions used in RDS-TMC. This methodology has allowed agreement in important details for the many hundreds of event phrases, so included, even though subtle linguistic differences were perceived and need to be allowed for in terms of end-user presentation. Thus the French and German language editions of this standard have the same form as this English language edition. All three language editions have *exactly the same* sections 3.1.3 Event List, 3.2.2 Supplementary Information List and 3.3.2 Forecast Event List written in 'CEN-English'. Each language edition comprises Informative annexes providing those lists again in three or four column format showing the 'CEN-English' description and the 'transformed' language (not necessarily a direct literal translation, but a comprehensible transformation of the specific intent of the 'CEN-English') description in their respective languages.

Translations into further other languages, based upon the normative 'CEN-English' have been produced and are available from the TMC Forum web site, at URL: www.tmcforum.com.

Further work has been undertaken by the FORCE/ECORTIS Projects to define subsets of the Events List covering safety and crisis phrases, which are now embodied in the SACEL and SACEL + Events Lists, which can also be found on the TMC Forum web site, at URL: www.tmcforum.com

1 Scope

EN ISO 14819-1 describes the ALERT-C protocol concept and message structure used to achieve densely coded messages to be carried in the RDS-TMC feature. This part (2) of the EN ISO 14819 series of standards defines the 'Events List' to be used in coding those messages.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN ISO 14819-1	Traffic and Traveller Information (TTI) - TTI Messages via Traffic Message Coding -Part 1: Coding Protocol for Radio Data System - Traffic Message Channel (RDS-TMC) - RDS-TMC using ALERT-C
IEC 62106:2000	Specification of the radio data system (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 to 108,0 MHz
ENV 13106:2000	Road transport and traffic telematics - DATEX traffic and travel data dictionary (version 3.1.a)

koniec náhľadu – text ďalej pokračuje v platenej verzii STN