

Nederlandse norm

# **NEN-EN-ISO 14819-1**

(en)

Intelligent transport systems - Traffic and travel information messages via traffic message coding - Part 1: Coding protocol for Radio Data System - Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-1:2013, IDT)

Vervangt NEN-EN-ISO 14819-1:2003;  
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- ISO 14819-1:2013.IDT

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## Intelligent transport systems - Traffic and travel information messages via traffic message coding - Part 1: Coding protocol for Radio Data System - Traffic Message Channel (RDS-TMC) using ALERT-C (ISO 14819-1:2013)

Systèmes intelligents de transport - Informations sur le trafic et le tourisme via le codage de messages sur le trafic - Partie 1: Protocole de codage pour le système de radiodiffusion de données (RDS) - Canal de messages d'informations sur le trafic (RDS-TMC) avec ALERT-C (ISO 14819-1:2013)

Intelligente Transportsysteme - Verkehrs- und Reiseinformationen über Verkehrsmeldungskodierung - Teil 1: Kodierungsprotokoll für den digitalen Radiokanal für Verkehrsmeldungen (RDS-TMC) unter Nutzung von ALERT-C (ISO 14819-1:2013)

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## Foreword

This document (EN ISO 14819-1:2013) 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.

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and travel information messages via  
traffic message coding —**

**Part 1:  
Coding protocol for Radio Data System —  
Traffic Message Channel (RDS-TMC)  
using ALERT-C**

*Systemes intelligents de transport — Informations sur le trafic et le  
tourisme via le codage de messages sur le trafic —*

*Partie 1: Protocole de codage pour le système de radiodiffusion de  
données (RDS) — Canal de messages d'informations sur le trafic  
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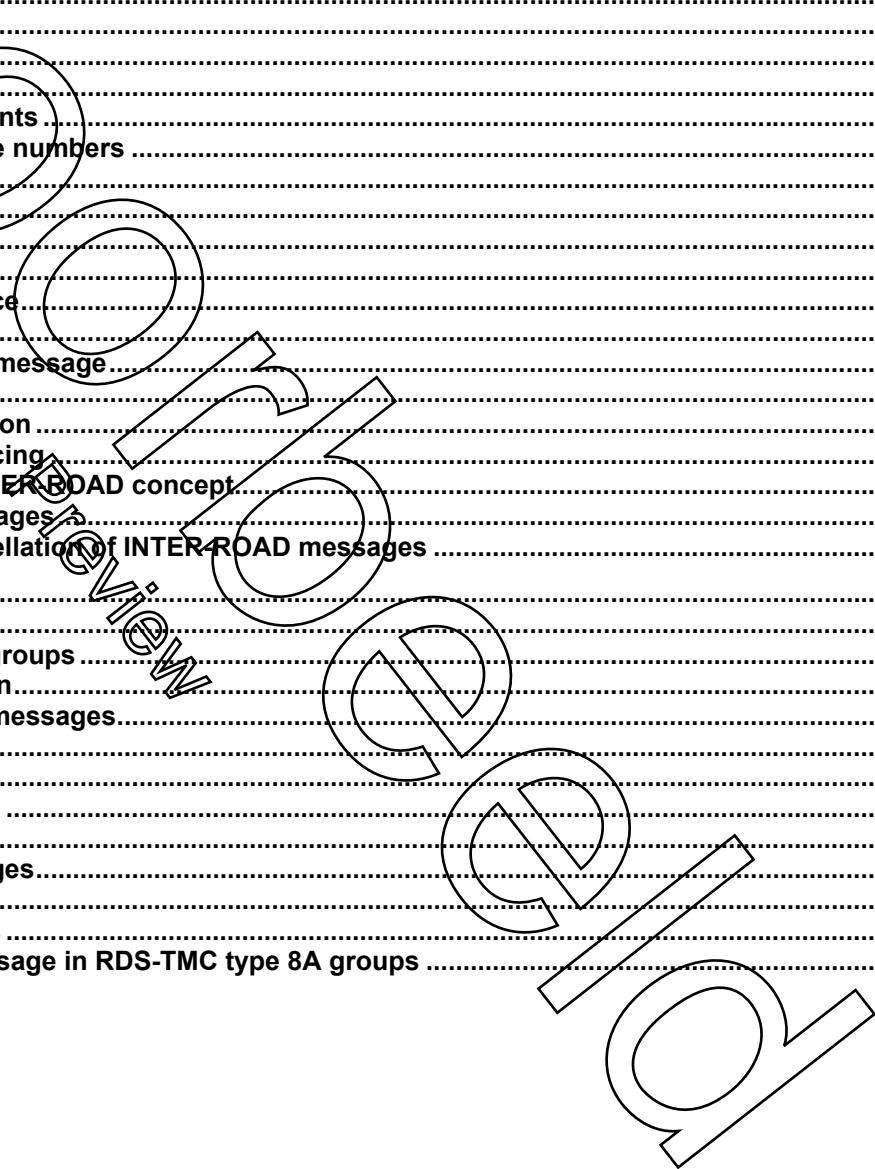


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## Foreword

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The committee responsible for this document is ISO/TC 204, *Intelligent transport systems*.

This second edition cancels and replaces the first edition (ISO 14819-1:2003), which has been technically revised.

ISO 14819 consists of the following parts, under the general title *Intelligent transport systems — Traffic and travel information 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) using ALERT-C*
- *Part 3: Location referencing for Radio Data System — Traffic Message Channel (RDS-TMC) using ALERT-C*
- *Part 6: Encryption and conditional access for the Radio Data System — Traffic Message Channel ALERT C coding*

Compared to previous releases, this version includes the following additions:

- Precise location referencing
- Tendencies of Traffic Queue Lengths (TTQL)
- Coding of parking POIs
- Coding of interrupted roads

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- Coding of other isolated POIs (except parking POIs)
- Coding of parallel roads
- Version identification of TMC location tables
- Location Table Exchange Format
- North American Safety Events in TMC
- Explicit Location Table Country Code transmission in TMC
- Guidelines for Service Providers and Terminal Manufacturers for Implementation of explicit Location Table Country Code transmission
- Coding of link roads
- GB-English - List of Quantifiers
- Additional Event Codes identified by Germany
- Additional TMC Events from Danish proposal
- Additional TMC Supplementary Information: Unconfirmed Report
- RDS-TMC delivery of IVR Telephone Number
- Coding of link roads

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