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Standard Recommendation  
S.R. CEN/TR 16405:2013

# Intelligent transport systems - ESafety - ECall additional optional data set for heavy goods vehicles eCall

## S.R. CEN/TR 16405:2013

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**NSAI**  
1 Swift Square,  
Northwood, Santry  
Dublin 9

T +353 1 807 3800  
F +353 1 807 3838  
E standards@nsai.ie  
W NSAI.ie

**Sales:**  
T +353 1 857 6730  
F +353 1 857 6729  
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

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English Version

## Intelligent transport systems - ESafety - ECall additional optional data set for heavy goods vehicles eCall

Systèmes de Transports Intelligents - ESafety - Ensemble optionnel de données additionnelles ECall pour l'ECall des poids Lourds

Intelligente Transportsysteme - eSicherheit - Zusätzliche optionale Datenmenge im Schwerekraftverkehr für eCall

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**Management Centre: Avenue Marnix 17, B-1000 Brussels**

<b>Contents</b>	<b>Page</b>
Foreword.....	3
Introduction .....	4
1 Scope.....	5
2 Conformance.....	5
3 Normative references.....	5
4 Terms and definitions .....	5
5 Symbols and abbreviations .....	6
6 General overview of the eCall HGV/GV data concept within the context of eCall.....	7
7 Requirements .....	8
7.1 Concepts and formats.....	8
7.1.1 MSD data concepts .....	8
7.1.2 Format definition of MSD data concepts.....	8
7.1.3 HGV/GV optional additional data concept ‘Object Identifier’ .....	8
7.1.4 Sequence of MSD data concepts.....	8
7.1.5 Data presentation of MSD .....	8
7.2 Minimum set of data (MSD).....	9
7.2.1 General .....	9
7.2.2 Order of bits and bytes .....	9
7.2.3 Contents of MSD .....	9
7.2.4 MSD ‘Optional additional data’ .....	10
7.3 HGV/GV data concept — General .....	10
7.4 eCall HGV/GV data concept definition .....	11
7.4.1 eCall HGV Schema A : ADR Goods .....	11
7.4.2 eCall HGV Schema B : Other Goods (non ADR) .....	15
7.5 eCall HGV/GV data concept presentation .....	17
<b>Annex A (normative) ASN.1 PER representation of MSD including Schema A — ASN.1 PER representation of MSD including Schema A.....</b>	<b>18</b>
<b>Annex B (normative) ASN.1 PER representation of MSD including Schema B — ASN.1 PER representation of MSD including Schema B.....</b>	<b>27</b>
<b>Bibliography.....</b>	<b>36</b>

## **Foreword**

This document (CEN/TR 16405:2013) has been prepared by Technical Committee CEN/TC 278 “Road transport and traffic telematics”, the secretariat of which is held by NEN.

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.

## Introduction

An *eCall* is an emergency call generated either automatically via activation of in-vehicle sensors or manually by the *vehicle occupants*; when activated, to provide notification and relevant location information to the most appropriate Public Safety Answering Points (PSAP), by means of *mobile wireless communications networks* and carries a defined standardised Minimum Set of Data (MSD), notifying that there has been an incident that requires response from the emergency services and establishes an audio channel between the occupants of the vehicle and the most appropriate PSAP.

The MSD (specified in EN 15722) contains static information regarding the vehicle, dynamic information regarding its location, direction of travel etc., at the time of the incident, and makes provision for additional data to be provided.

This Technical Report provides potential specification for an optional additional data concept for HGVs to provide dynamic data about the load that it is carrying at the time of the incident that triggered the *eCall*, with specific emphasis on identification of dangerous goods. Two variants are provided, one (schema A) for use where dangerous goods (ADR classified); the second variant (schema B) is for use where no ADR classified load is known.

It is the intention that the specification in this Technical Report is tested in demonstration projects (such as HeERO) with a view to becoming the basis for a future European or International Standard.

NOTE The communications media protocols and methods for the transmission of the *eCall* message are not specified in this Technical Report.

Additional data concepts may also be transferred, and any such data concepts should be registered using a data registry as defined in EN ISO 24978.

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