

Intelligent transport systems - ESafety - eCall OAD for
multiple Optional Additional Datasets

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 17358:2020 sisaldab Euroopa standardi EN 17358:2020 ingliskeelset teksti.	This Estonian standard EVS-EN 17358:2020 consists of the English text of the European standard EN 17358:2020.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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ICS 03.220.20, 35.240.60

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English Version

Intelligent transport systems - ESafety - eCall OAD for multiple Optional Additional Datasets

Systèmes de transport intelligents - eSafety - OAD
d'eCall pour ensembles de données supplémentaires
facultatifs multiples

Intelligente Verkehrssysteme - eSicherheit - eCall-OAD
für mehrere optionale zusätzliche Datensätze

This European Standard was approved by CEN on 5 July 2020.

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European foreword

This document (EN 17358:2020) has been prepared by Technical Committee CEN/TC 278 “Intelligent transport systems”, 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of an identical text or by endorsement, at the latest by February 2021, and conflicting national standards shall be withdrawn at the latest by February 2021.

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1 Scope

This document defines an additional data concept that may be transferred as 'optional additional data' part of an eCall MSD, as defined in EN 15722, that may be transferred from a vehicle to a PSAP in the event of a crash or emergency via an eCall communication session.

The purpose of this document is simply to enable the existing MSD to house multiple OADs. This is achieved by providing a short optional additional data concept, which facilitates the inclusion of multiple additional datasets within the currently defined MSD of 140 bytes (every OAD still requires its own specification).

This document can be seen as an addendum to EN 15722; it contains as little redundancy as possible.

NOTE 1 The communications media protocols and methods for the transmission of the eCall message are not specified in this document.

NOTE 2 Additional data concepts can also be transferred, and it is advised to register any such data concepts using a data registry as defined in EN ISO 24978 [1]. See www.esafetydata.com for an example.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 15722:2020, *Intelligent transport systems — ESafety — ECall minimum set of data*

EN 16062, *Intelligent transport systems — ESafety — eCall high level application requirements (HLAP) using GSM/UMTS circuit switched networks*

EN 16072, *Intelligent transport systems — ESafety — Pan-European eCall operating requirements*

CEN/TS 17184, *Intelligent transport systems — eSafety — eCall High level application Protocols (HLAP) using IMS packet switched networks*

CEN/TS 17240, *Intelligent transport systems — ESafety — ECall end to end conformance testing for IMS packet switched based systems*

ISO/IEC 8825-2, *Information technology — ASN.1 encoding rules: Specification of Packed Encoding Rules (PER)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp/ui>