



BSI Standards Publication

Road vehicles — Multimedia data exchange format for impact tests

National foreword

This Published Document is the UK implementation of ISO/TS 13499:2019. It supersedes PD ISO/TS 13499:2014, which is withdrawn.

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A list of organizations represented on this committee can be obtained on request to its secretary.

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Road vehicles — Multimedia data exchange format for impact tests

*Véhicules routiers — Format d'échange de données multimédia pour
les essais de choc*



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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 36, *Safety and impact testing*.

This third edition cancels and replaces the second edition (ISO/TS 13499:2014) which has been technically revised. The main changes compared to the previous edition are as follows:

- ASCII 32 is the code for a space, therefore "blank" was changed to "spaces" in 3.10,
- 6.1 was modified to allow more than one static measurement data file, and
- the static subdirectory has been changed to contain the information file instead of the data file.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Road vehicles — Multimedia data exchange format for impact tests

1 Scope

This document presents a simple means for the exchange of multimedia data on impact tests between different laboratories. A format has been developed which defines a directory structure and the exchange information as ASCII files. Related electronic documents are available on the ISO website.

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.

ISO 80000-1, *Quantities and units — Part 1: General*

ISO/IEC 8859-1, *Information technology — 8-bit single-byte coded graphic character sets — Part 1: Latin alphabet No. 1*

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:

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

3.1

test number

code specific to the test

Note 1 to entry: In this document and all related electronic documents it is referenced as <testnumber>.

3.2

test object

group of components with the same initial state (e.g. speed, direction of movement) at impact time

Note 1 to entry: In this document and all related electronic documents it is referenced as <testobject>.

3.3

channel code

code consisting of 16 characters, composed of a sequence of codes with a fixed length and specific order, defining test object, position, main location, fine locations, physical dimension, direction and filter class

Note 1 to entry: This document and all related electronic documents the complete channel code is referenced as <channelcode>.

EXAMPLE 1 1 HEAD LE 00 H3 AC X A

Meaning:	Test object	= 1	Vehicle no. 1	referenced as <testobject>
	Position	= 1	Front left	referenced as <position>