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INTERNATIONAL STANDARD

**Multimedia systems and equipment – Multimedia E-publishing and E-books –
Generic format for E-publishing**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MULTIMEDIA SYSTEMS AND EQUIPMENT –
MULTIMEDIA E-PUBLISHING AND E-BOOKS –
GENERIC FORMAT FOR E-PUBLISHING**

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This second edition cancels and replaces the first edition, published in 2007 and constitutes a technical revision.

The main changes with respect to the previous edition are listed below.

- Addition of Annex B – XMDF XML format
- Related changes in Clauses 2 and 6.

The text of this standard is based on the following documents:

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Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

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INTRODUCTION

Markets for multimedia e-book and e-publishing require standardization of formats for e-book data interchange among associated people; authors, data preparers, publishers and readers. The formats are classified into submission format, generic format and reader's format. The submission format has to support an interaction between authors and data preparers. The reader's format depends on e-publishing equipment. The generic format has to provide an interchange format for data preparers and publishers and therefore should be e-publishing equipment independent.

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MULTIMEDIA SYSTEMS AND EQUIPMENT – MULTIMEDIA E-PUBLISHING AND E-BOOKS – GENERIC FORMAT FOR E-PUBLISHING

1 Scope

This International Standard specifies a generic format for multimedia e-publishing employed for e-book data interchange among data preparers and publishers, satisfying a number of publishers requirements: revisable, extensible and heterogeneous logical structure.

2 Normative references

The following referenced documents are indispensable for the application 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.

IEC/TS 62229:2006, *Multimedia systems and equipment – Multimedia e-publishing and e-book – Conceptual model for multimedia e-publishing*

ISO 639(all parts), *Codes for the representation of names of languages*

ISO 646, *Information technology – ISO 7-bit-coded character set for information interchange*

ISO 3166-1, *Codes for the representation of names of countries and their subdivisions – Part 1: Country codes*

ISO 8601, *Data elements and interchange formats – Information interchange – Representation of dates and times*

ISO/IEC 10646, *Information technology – Universal Multiple-Octet Coded Character Set (UCS)*
Amendment 1 (2005)
Amendment 2 (2006)
Amendment 3 (2008)
Amendment 4 (2008)
Amendment 5 (2008)

ISO/IEC 19757-2:2003, *Information technology – Document Schema Definition Language (DSDL) – Part 2: Regular-grammar based validation – RELAX NG*
Amendment 1 (2006)