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**Information technology — Multimedia  
framework (MPEG-21) —**

**Part 5:  
Rights Expression Language**

**AMENDMENT 1: MAM (Mobile And optical  
Media) profile**

*Technologies de l'information — Cadre multimédia (MPEG-21) —*

*Partie 5: Langage d'expression des droits*

*AMENDEMENT 1: Profil MAM ("Mobile And optical Media")*

## Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO/IEC 21000-5:2004 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

# Information technology — Multimedia framework (MPEG-21) —

## Part 5: Rights Expression Language

### AMENDMENT 1: MAM (Mobile And optical Media) profile

*Insert two new clauses 10 and 11 as follows:*

## **10 Additional Extensions**

### **10.1 General**

This clause lists extensions of the REL.

The REL (Rights Expression Language) defined in the previous clauses and Annexes A through J is a comprehensive, flexible and domain-agnostic rights language that can be used for a wide spectrum of applications. However, in order to meet specific needs on the REL from, for example, an ecosystem (e.g., electronic books or mobile devices), an application (e.g., media streaming), a function (e.g., certificating and attesting assertions), or a region (e.g., North America, Europe or Asia), the entire REL may need to be restricted to some profiles for the purposes of optimization and interoperability in developing and deploying systems, applications, components and devices. Here, a profile here represents a subset of the REL types, elements and attributes (with any specified syntactic, semantic and processing restrictions), possibly together with some further extensions to the REL types and some newly introduced elements and attributes, all subject to maintaining compliance to the specification of the REL.