SLOVENSKI STANDARD

SIST EN 62297-1:2006

januar 2006

Prožilna sporočila za radiodifuzijo – 1. del: Format (IEC 62297-1:2005)

(istoveten EN 62297-1:2005)

Triggering messages for broadcast applications – Part 1: Format (IEC 62297-1:2005)

ICS 33.170

Referenčna številka
SIST EN 62297-1:2006(en)

EUROPEAN STANDARD **EN 62297-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM June 2005

ICS 33.170

English version

Triggering messages for broadcast applications
Part 1: Format
(IEC 62297-1:2005)

Messages de déclenchement
pour les applications de radiodiffusion
Partie 1: Format
(CEI 62297-1:2005)

Triggernachrichten
für Rundfunkanwendungen
Teil 1: Format
(IEC 62297-1:2005)

This European Standard was approved by CENELEC on 2005-05-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC
European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Ref. No. EN 62297-1:2005 E

Foreword

The text of document 100/910/FDIS, future edition 1 of IEC 62297-1, prepared by IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62297-1 on 2005-05-01.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2006-02-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2008-05-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62297-1:2005 was approved by CENELEC as a European Standard without any modification.

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

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.

NOTE Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
ISO 8859-1	- [1)]	Information technology - 8-bit single-byte coded graphic character sets Part 1: Latin alphabet No. 1	-	-
ETSI TS 101 231	- [1)]	Television systems - Register of Country and Network Identification (CNI), Video Programming System (VPS) codes and Application codes for Teletext based systems	-	-
ETSI EN 300 706	- [1)]	Enhanced teletext specification	-	-

1) Undated reference.

INTERNATIONAL STANDARD

IEC 62297-1

First edition
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Triggering messages for broadcast applications –

Part 1: Format

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For price, see current catalogue

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

TRIGGERING MESSAGES FOR BROADCAST APPLICATIONS –

Part 1: Format

FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 62297-1 has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment.

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

FDIS	Report on voting
100/910/FDIS	100/949/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

IEC 62297 consists of the following parts, under the general title *Triggering messages for broadcast applications:*

Part 1: Format

Part 2: Transport methods

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date.indicated on the IEC web site under http://webstore.iec.ch in the data related to the specific publication. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

INTRODUCTION

Emerging data broadcasting specifications allow a service provider to **trigger** an **application** in a TV receiver. This International Standard specifies the format of a triggering message for TV broadcasting as based on the requirements defined in Annex A. Examples of possible use include displaying information to warn for severe weather conditions or to give rating advice for extreme content in TV programmes. In an interactive system, a message or icon might be displayed inviting on-line access to vote, to register an interest in an advertised product, or to browse programme-related content.

This standard describes a trigger mechanism for teletext transmission methods. The trigger mechanism can also be used for services broadcast via MPEG-2 DSM-CC sections. For the purposes of this standard, a **trigger** is defined as information sent from a service provider as part of a data broadcasting transmission and intended to control an **application** in a TV receiver. Additional information can be supplied along with the basic **trigger** to allow filtering or prioritization techniques to be applied at the receiver. The transmission aspects of trigger messages are specified in IEC 62297-2.

This trigger mechanism is very similar to the one defined in IEC/PAS 62292. The difference lies primarily in different state models, semantics and attribute names.