
**Information technology — Coding of
audio-visual objects —**

Part 5:

Reference software

**AMENDMENT 10: SSC, DST, ALS and SLS
reference software**

Technologies de l'information — Codage des objets audiovisuels —

Partie 5: Logiciel de référence

AMENDEMENT 10: Logiciels de référence SSC, DST, ALS et SLS

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

© ISO/IEC 2007

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

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 10 to ISO/IEC 14496-5:2001 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This amendment adds reference software that implements Parametric Coding of High Quality Audio (SSC) as defined in ISO/IEC 14496-3, subpart 8, Lossless Coding of Oversampled Audio (DST) as defined in ISO/IEC 14496-3, subpart 10, Audio Lossless Coding (ALS) as defined in ISO/IEC 14496-3, subpart 11, and Scalable Lossless Coding (SLS) as defined in ISO/IEC 14496-3, subpart 12.

The SSC, DST, ALS and SLS reference software is made available as a revision of the entire audio reference software archive. The SSC reference software is integrated in the mp4AudVm directories. The DST, ALS and SLS reference software is provided in three additional directories.

IECNORM.COM : Click to view the full PDF of ISO/IEC 14496-5:2001/Amd 10:2007

Information technology — Coding of audio-visual objects —

Part 5: Reference software

AMENDMENT 10: SSC, DST, ALS and SLS reference software

Replace Clause 3 with the following text, where changes or additions are highlighted with gray shading:

3 Audio reference software

Location	Content
audio/natural/mp4AudVm_Rewrite	Natural audio decoder
audio/natural/mp4mcDec	Decoder for multichannel t/f streams
audio/natural/epTool	Error protection decoder extension
audio/SNHC/mpeg4sa	Structured audio decoder
audio/SNHC/mpeg4ac	Audio composition software
audio/SNHC/mpeg4ttsi	Text to speech decoder
audio/lossless/mpeg4dst	DST decoder
audio/lossless/mpeg4als	ALS decoder
audio/lossless/mpeg4sls	SLS decoder

Replace subclause A.1 with the following text, where changes or additions are highlighted with gray shading:

A.1 Audio encoding software

Location	Content
audio/natural/mp4AudVm	Natural audio encoder
audio/natural/mp4mcEnc	Encoder for multichannel t/f streams
audio/natural/epTool	Error protection encoder extension
audio/natural/aacErrRobTrans	Transcoder for error robust AAC
audio/SNHC/mpeg4sa	Structured audio encoder
audio/SNHC/mpeg4ttsi	Text to speech encoder
audio/lossless/mpeg4dst	DST encoder
audio/lossless/mpeg4als	ALS encoder
audio/lossless/mpeg4sls	SLS encoder