
**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

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Foreword

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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.

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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.

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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 |

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