AES STANDARDS COMMITTEE REPORT

**AUDIO
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STANDARDS**

**AES Standards Committee
Liaison report
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www.aes.org/standards/about/aessc-liaisons.cfm

The Audio Engineering Society

The Audio Engineering Society (AES), now in its sixth decade, is the only professional society devoted exclusively to audio technology. Its membership of leading engineers, scientists and other authorities has increased dramatically throughout the world, greatly boosting the society's stature and that of its members in a truly symbiotic relationship.

The Journal of the Audio Engineering Society, the official publication of the AES, is the only peer-reviewed journal devoted exclusively to audio technology. It contains state-of-the-art technical papers and engineering reports; features covering timely topics; reports of AES conventions and other society activities; news of AES sections around the world; Standards Committee work; membership, patents, new products, and newsworthy developments.

The AES Standards Committee

The AES Standards Committee (AESSC) is the organization responsible for the standards programme of the Audio Engineering Society. It publishes a number of technical standards, information documents and technical reports.

Working groups and task groups with a fully international membership are engaged in writing standards covering fields that include topics of specific relevance to professional audio technology.

Organised into four subcommittees, 16 separate working groups are currently developing standards for professional audio, with an emphasis on interoperability and functional compatibility between audio systems and equipment of different manufacture.

SC-02	**Digital audio interfaces**	Digital Audio Measurements, Digital Input-Output Interfaces, Audio-File Transfer and Exchange, Audio Applications of Networks, Internet Audio Delivery
SC-03	**Preservation & restoration**	Analog Recording, Transfer Technologies, Storage and Handling of Media, Digital Library and Archive Systems, Audio Metadata, Forensic Audio
SC-04	**Acoustics**	Acoustics and Sound Source Modeling, Loudspeaker Modeling and Measurement, Microphone Characteristics
SC-05	**Audio Interconnections**	Audio Connectors, Grounding and Electromagnetic Compatibility Practices

Membership of any AES standards working group is open to all individuals who are materially and directly affected by the documents that may be issued under the scope of that working group.

The procedures of the AESSC follow consensus due process rules, and its document structures and conventions closely follow current ISO/IEC directives.

Complete information, including scopes of working groups, project status, and details of new projects is available at http://www.aes.org/standards. Enquiries may be addressed to standards@aes.org.

AESSC output, 2009 to 2010

The following table lists AESSC documents published or withdrawn by the AES in the previous 12 months.

STANDARDS DOCUMENTS

AES3-1-2009   AES standard for digital audio - Digital input-output interfacing - Serial transmission format for two-channel linearly represented digital audio data Part 1: Audio Content *[Revised document, published 2010-01-11. This 4-part revision replaces the previous AES3-2003 and incorporates Amendments 5 & 6.]*

AES3-2-2009   AES standard for digital audio - Digital input-output interfacing - Serial transmission format for two-channel linearly represented digital audio data Part 2: Metadata and Subcode *[Revised document, published 2010-01-11]*

AES3-3-2009   AES standard for digital audio - Digital input-output interfacing - Serial transmission format for two-channel linearly represented digital audio data, Part 3: Transport *[Revised document, published 2010-01-11]*

AES3-4-2009   AES standard for digital audio - Digital input-output interfacing - Serial transmission format for two-channel linearly represented digital audio data Part 4: Physical and electrical *[Revised document, published 2010-01-11]*

AES35-2000 (w2010)   AES standard for audio preservation and restoration - Method for estimating life expectancy of magneto-optical (M-O) discs, based on effects of temperature and relative humidity *[Withdrawn 2010-10-28. These M-O discs are no longer in current use and it can be assumed that their content has now been migrated to newer media. A substantially identical document is available from the ISO as ISO 18926:2006]*

AES38-2000 (r2010)   AES standard for audio preservation and restoration - Method for estimating life expectancy of magneto-optical (M-O) discs, based on effects of temperature and relative humidity *[Reaffirmed 2010-10-28]*

AES41-2009   AES standard for digital audio - Recoding data set for audio bit-rate reduction

[Revised document, published 2010-07-06]

AES48-2005 (r2010)   AES standard on interconnections - Grounding and EMC practices - Shields of connectors in audio equipment containing active circuitry

[Reaffirmed 2010-07-08]

AES49-2005 (r2010)   AES standard for audio preservation and restoration - Magnetic tape - Care and handling practices for extended usage *[Reaffirmed 2010-10-28]*

AES-3id-2001 (w2010)   Transmission of AES3 formatted data by unbalanced coaxial cable

[Withdrawn 2010-07-09. The reason for this withdrawal is that the content of AES-3id has been superseded by AES3-4-2009, Annex D (Normative) "Coaxial transmission", and by AES- 2id Annex C "Coaxial cable adapters and equalizer characterization", and so this earlier Information Document has become redundant.]

AES-14id-2010   AES Information document for interconnections - Universal jack for IEC 60603-11 and B-gauge 6,35 mm plugs *[New document, published 2010-10-28]*

AES-16id-2010   AES information document for transfer technologies - Stylus dimensions and selection *[New document, published 2010-10-28]*

AES-R11-2009   AES standards project report - Methods for the measurement of audio video synchronization error *[New document, published 2009-12-03]*

CALLS FOR COMMENT

AES43-2000   A Call for Comment on Reaffirmation of AES43-2000, *AES standard for forensic audio - Criteria for the authentication of analog audio tape recordings*, was published 2010-08-24.

Publications

A full list of published documents, including searchable titles and abstracts, is available
on the AES Web site at: http://www.aes.org/publications/standards/

Development projects

Some current development projects include: Screenless navigation for High-Resolution audio on Blu-ray
Disc; Connector for surround microphones; Specification of loudspeaker components (revision); Simple
project interchange XML implementation; Fiber-Optic Connections for Audio; Administrative metadata for
audio objects; Production recording metadata set; AES3 over data cable with ethernet control.

Liaisons

The AES Standards Committee enjoys active liaisons
with many standards organisations in various fields;
(The following list is not exhaustive)

IEC TC100
ISO/IEC JTC 1/SC 29
ITU-R SRG-3
SMPTE
EBU
1394TA
i3a
ALMA

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