AES STANDARDS COMMITTEE REPORT

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STANDARDS

AES Standards Committee
Liaison report
September 2008

AUDIO ENGINEERING SOCIETY, INC.
60 East 42nd Street, New York, New York 10165, US.

The Audio Engineering Society

The Audio Engineering Society (AES), now in its fifth 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, 2006/07

The following table lists new documents from the AESSC, published by the AES in the previous 12 months

STANDARDS

AES3-Am5-2008   Amendment 5 to AES standard for digital audio - Digital input-output interfacing - Serial transmission format for two channel linearly represented digital audio data. *[New document, published 2008-04-19]*

AES31-3-2008   AES standard for network and file transfer of audio - Audio-file transfer and exchange - Part 3: Simple project interchange. *[Revised document, published 2008-05-08]*

AES55-2007   AES standard for digital audio engineering - Carriage of MPEG Surround in an AES3 bitstream. *[New document, published 2008-03-18]*

REPORTS

AES-R8-2007   AES standards project report - Synchronisation of digital audio over wide areas. *[New document, published 2007-12-06]*

AES-R9-2008   AES standards project report - Considerations for standardising AES metadata sets. *[New document, published 2008-03-12]*

AES-R10-2008   AES standards project report - Use cases for networks in professional audio.
[New document, published 2008-08-25]

CALLS FOR COMMENT

AES3-Am6-xxxx   Call for comment on DRAFT AES3-Am6-xxxx, *Amendment 6 to AES standard for digital audio - Digital input-output interfacing - Serial transmission format for two channel linearly represented digital audio data*, was published 2008-08-11.

AES5-xxxx   Call for comment on DRAFT REVISED AES5-xxxx, *AES recommended practice for professional digital audio - Preferred sampling frequencies for applications employing pulse-code modulation*, was published 2008-08-10.

AES56-xxxx   Call for comment on draft AES56-xxxx, *AES standard on acoustics - Sound source modeling - Loudspeaker polar radiation measurements*, was published 2008-09-11.

AES58-xxxx   Call for Comment on DRAFT AES58-xxxx, *AES standard for digital audio - Audio applications of networks - Application of IEC 61883-6 32-bit generic data*, was published 2008-07-01.

AES54-1-xxxx   Call for Comment on DRAFT AES54-1-xxxx , *AES standard on interconnections - Grounding and EMC practices - Connection of cable shields within connectors attached to portable balanced audio cables*, was published, 2008-09-16.

AES54-1-xxxx   Call for Comment on DRAFT AES54-2-xxxx , *AES standard on interconnections - Grounding and EMC practices - Shields of balanced audio wiring within fixed and portable passive connector panels, jack fields, and passive microphone splitters*, was published, 2008-09-16.

AES54-1-xxxx   Call for Comment on DRAFT AES54-3-xxxx , *AES standard on interconnections - Grounding and EMC practices - Shields of microphone-level outputs of active equipment other than microphones*, was published, 2008-09-16.

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: File-size extension for audio file interchange; Specification
of loudspeaker components (revision); Simple project interchange XML implementation; Fiber-Optic
Connections for Audio; Internet Audio Quality Descriptions (IAQUAD); Administrative metadata for
audio objects; Universal female phone jack; Synchronisation of audio over IEEE 1394; Detailed
specification of DSP filter "Q"; AV Sync, "lipsync"; 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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