AES STANDARDS COMMITTEE REPORT

STANDARDS

**AES Standards Committee
Liaison report
September 2013**

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 seventh 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 developing standards covering fields that include topics of specific relevance to professional audio technology.

Organised into four subcommittees, 11 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
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
SC-07	**Audio Metadata**	Metadata systems for libraries & archives, Broadcasting

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.

www.aes.org/standards/

AESSC output, 2012 to 2013

The following table lists new and revised documents published by the AES in the year to September 2013.

AES59-2012   **Audio application of 25-way D-type connectors in balanced circuits**
[New document; pub. 2012-08-18]

AES64-2012   **AES standard for audio applications of networks - Command, control, and connection management for integrated media** *[New document; pub. 2013-01-14]*

AES65-2012   **AES standard for interconnections - Connector for surround microphones**
[New document; pub. 2013-02-12]

AES66-2012   **AES standard for professional audio equipment - Application of connectors - Miniature XLR-type polarity and gender** *[New document; pub. 2013-02-12]*

AES67-2013   **AES standard for audio applications of networks - High-performance streaming audio-over-IP interoperability** *[New document, pub. 2013-09-11]*

AES2-2012   **AES standard for acoustics - Methods of measuring and specifying the performance of loudspeakers for professional applications - Drive units**
[This document, pub. 2013-02-12, is a substantial revision of AES2-1984]

AES31-2-2012   **AES standard on network and file transfer of audio – Audio-file transfer and exchange – File format for transferring digital audio data between systems of different type and manufacture**
[This document, pub. 2013-01-24, revises AES31-2-2006]

AES55-2012   **AES standard for digital audio engineering - Carriage of MPEG Surround in an AES3 bitstream** *[This document, pub. 2013-01-24, revises AES55-2007]*

AES-1id-2012   **AES Information Document for Acoustics - Plane-Wave Tubes - Design and Practice** *[This document, pub. 2013-02-12, is a substantial revision of AES-1id-1991]*

AES-2id-2012   **AES information document for digital audio engineering – Guidelines for the use of the AES3 interface** *[This document, published 2012-10-11, revises AES-2id-2006]*

The following documents were reaffirmed:

AES54-1-2008   **AES standard on interconnections - Grounding and EMC practices - Connection of cable shields within connectors attached to portable balanced audio cables**

AES54-2-2008   **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**

AES54-3-2008   **AES standard on interconnections - Grounding and EMC practices - Shields of balanced microphone-level outputs of active equipment other than microphones**

AES58-2008   **AES standard for digital audio - Audio applications of networks - Application of IEC 61883-6 32-bit generic data**

AES-11id-2006   **AES information document for preservation of audio recordings - Extended term storage environment for multiple media archives**

AES-16id-2010   **AES information document for transfer technologies - Stylus dimensions and selection**

AES6-2008   **AES Standard - Method for Measurement of Weighted Peak Flutter of Analogue Sound Recording and Reproducing Equipment**

Calls For Comment

There are no current calls for comment.

New Projects

Newly initiated projects and scopes are listed at: http://www.aes.org/standards/meetings/new-projects.cfm

Project AES-X210   **Open Control Architecture (OCA)**, has been initiated 2012-10-08 by Subcommittee SC-02 and assigned to Working Group SC-02-12 on Audio Applications of Networks.

Project AES-X212   **HRTF file format**, has been initiated 2012-10-12 by Subcommittee SC-02and assigned to Working Group SC-02-08 on Audio-File Transfer and Exchange.

Project AES-X213   **MADI over twisted-pair cabling**, has been initiated on 2012-11-04 by Subcommittee SC-02 and assigned to Working Group SC-02-02 on Digital Input/Output Interfacing

Project AES-X215   **Current procedures to calibrate the cinema B-Chain** (Liaison project with SMPTE), Initiated on 2013-03-04 by Subcommittee SC-04, and assigned to Working Group SC-04-08 on Measurement and equalization of sound systems in rooms

Project AES-X216   **Calibration Pink-Noise Standard** (Liaison project with SMPTE), Initiated on 2013-03-04 by Subcommittee SC-04, and assigned to Working Group SC-04-08 on Measurement and equalization of sound systems in rooms

Project AES-X218   **Measurement and calibration of sound systems in rooms,** Initiated on 2013-03-04 by Subcommittee SC-04, and assigned to Working Group SC-04-08 on Measurement and equalization of sound systems in rooms

Project AES-X219   **Method of measurement for frequency and impulse response of sound systems in auditoria,** Initiated on 2013-03-04 by Subcommittee SC-04, and assigned to Working Group SC-04-08 on Measurement and equalization of sound systems in rooms

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/

Liaisons

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

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

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