



Audio Engineering Society Standards Committee

Notice and DRAFT agenda

for the meeting of the SC-02-01 Working Group on digital audio measurement techniques of the SC-02 Subcommittee on Digital Audio

To be held in conjunction with the upcoming AES 139th Convention in New York, NY., US., 2015-10.
The meeting is scheduled to take place at the Jacob Javits Center, New York.
Please check the latest schedule at: <http://www.aes.org/standards/>

1. Formal notice on patent policy

2. Introduction to working group and attendees

3. Amendments to and approval of agenda

Note that projects where there is no current proposal for revision or amendment, and where there is at least 12 months before any formal review is due, are listed in an annex to this agenda. Please let the chair know if you propose to discuss any projects in this annex.

4. Approval of report of previous meeting, held in Warsaw, Poland, 2015-05.

5. Open Projects

NOTE: One or more of these projects may be in the process of a formal Call for Comment (CFC), as indicated by the project status. In these cases only, due process requires that any comments be published.

AES17-R Review of AES17-2015: AES standard method for digital audio equipment - Measurement of digital audio equipment SC-02-01

scope: to provide methods for specifying and verifying the performance of digital audio equipment, and specifically to describe the testing of medium- and high-performance digital audio equipment.

status: AES17-2015 published

<i>intent: Review</i>	<i>initiated: 2015</i>	<i>intent target: 2020</i>
<i>goal: Status report</i>		<i>goal target: Continuing</i>

AES-X102 Liaison with IEC TC100 PT 61606, Audio and audiovisual equipment - Digital audio parts - Basic measurement methods of audio characteristics SC-02-01

scope: to harmonize digital audio measurement standards through a working relationship between SC-02-01 and IEC TC 100 MT61606 in conjunction with the category-D liaison between AESSC and IEC TC 100.

status: No action requested or required

<i>intent: Review</i>	<i>initiated: 1998</i>	<i>intent target: Continuing</i>
<i>goal: Status report</i>		<i>goal target: Continuing</i>

AES-X187A Revision of AES17 AES standard method for digital audio equipment - Measurement of digital audio equipment SC-02-01

scope: To update and revise AES17 as appropriate for current engineering practices.

status: PCFC for DRAFT REVISED AES17-xxxx posted to SC-02, cc SC-02-01

<i>intent: Standard</i>	<i>initiated: 2009</i>	<i>intent 2015 target:</i>
<i>goal: CFC</i>		<i>goal target: 2015-07-20</i>

• These meetings are subject to the rules of the AESSC, including the AES patent policy, published on the AES standards web site.
• Please make sure you sign the attendance sheet that will be circulated. This sheet shall be passed to the secretariat after the meeting and will be used to update the membership information for this group.
• Please make sure that any documents contributed to the meeting are passed to the secretariat who will ensure they are posted to the appropriate Working Group document site.

AES-X217 Audio ADC test method and performance specification for archiving and preservation applications

SC-02-01

scope: To specify sets of measurement methods and performance criteria to characterize the performance of audio analog-to-digital converters (ADCs) used in archiving and preservation workflows. This standard considers the production of files using the highest-quality ADC devices.

status: Draft expected from Lacinak

<i>intent: Standard</i>	<i>initiated: 2013-08-20</i>	<i>intent target: 2015</i>
<i>goal: PTD</i>		<i>goal target: 2015-01</i>

6. Liaisons

7. New Projects

8. New Business

9. Date of next meeting

Annex to the agenda

The following projects assigned to this group have no current proposal for revision or amendment, and no formal review is due to report in less than 12 months.

Please let the chair know if you propose to discuss any projects in this annex.

AES-6id-R Review of AES-6id-2006 (r2011): AES information document for digital audio - Personal computer audio quality measurements SC-02-01

scope: to specify measurements of audio quality in a personal computer (PC) environment.

status: No action requested or required

<i>intent:</i> Review	<i>initiated:</i> 2011	<i>intent target:</i> 2016
<i>goal:</i> Status report		<i>goal target:</i> Continuing

AES-12id-R Review of AES-12id-2006 (r2011): AES information document for digital audio measurements - Jitter performance specifications SC-02-01

scope: This information document reviews various ways of characterizing and quantifying jitter, and refines several of them for audio purposes. It also attempts to present a common, unambiguous terminology. Its focus includes wideband jitter, baseband jitter, jitter spectra, period jitter, long-term jitter and jitter signatures. Comments are made on jitter transfer through phase-locked loops and on the jitter susceptibility of audio converters.

status: No action requested or required

<i>intent:</i> Review	<i>initiated:</i> 2011	<i>intent target:</i> 2016
<i>goal:</i> Status report		<i>goal target:</i> Continuing

AES-X118 Liaison with ITU-R study group 6C SC-02-01

scope: Liaison with ITU-R Working Party 6C, Measurement aspects

status: Propose to revise AES-R7 to support 4x oversampling

<i>intent:</i> Liaison	<i>initiated:</i> 2001-03	<i>intent target:</i> Continuing
<i>goal:</i> Status report		<i>goal target:</i> Continuing

AES-X187B Companion ID to AES-X187A, AES standard method for digital audio equipment - Measurement of digital audio equipment SC-02-01

scope: To provide explanation and tutorial material to aid implementation of AES17.

status: Project pending completion of X187A

<i>intent:</i>	<i>initiated:</i>	<i>intent target:</i>
<i>goal:</i> PTD		<i>goal target:</i> 2012-04

AES-R7 Standards project report - Considerations for accurate peak metering of digital audio signals SC-02-01

scope: To report considerations relating to the indication of peak audio signal levels in order to avoid overloading digital media, and to propose a recommended practice. The project does not address issues of subjective loudness; nor does it consider measurements of volume or peak programme level as defined in IEC 60268-17 and 60268-10

status: No action requested or required

<i>intent: Revise</i>	<i>initiated: 2013</i>	<i>intent target: 2013</i>
<i>goal: PTD</i>		<i>goal target: 2013-08</i>

AES-R11-R Review of AES-R11-2009, AES standards project report - Methods for the measurement of audio video synchronization error

SC-02-01

scope: to specify methods for the measurement of audio-video synchronisation ("lip sync") error. Consideration to be given to test signals suitable for use either with, or without, specialised measurement equipment. In its simplest form, an electronically generated clapper-board signal may be all that is required. The implications of different camera and display types on the definition of synchronisation will be taken into account.

status: No action requested or required

<i>intent: Review</i>	<i>initiated: 2009-12-03</i>	<i>intent 2014 target:</i>
<i>goal: Status report</i>		<i>goal target: Continuing</i>

End of annex to agenda
