Notice and DRAFT agenda
for the meeting of the
SC-04-03 Working Group on loudspeaker modeling and measurement
of the SC-04 Subcommittee on Acoustics

To be held in conjunction with the upcoming AES 149th Convention.
The meeting is scheduled to take place online, 2020-10.
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 online, 2020-05.

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.

AES2-R Review of AES2-2012 (r2018): AES standard for acoustics - Methods of measuring
and specifying the performance of loudspeakers for professional applications -
Drive units
scope: This Recommended Practice establishes a set of primary specifications to be followed by
manufacturers in describing loudspeaker components used in professional audio and
sound-reinforcement system design.
status: Reaffirmed
    intent: Review           initiated: 2012          intent target: 2023
    goal: Draft revised     goal target: Continuing

AES-X168 Characterization of loudspeaker systems
scope: This document defines a set of characteristics of loudspeaker systems for inclusion in
manufacturers’ specification documents, and identifies the relevant methods of
measurement. It considers loudspeaker *systems* for professional applications. They
may be combinations of active and passive sub-systems. It is intended for users and
designers of loudspeaker system installations.
status: First draft by David Murphy is posted to the repository
    intent: Standard         initiated: 2017         intent target: 2022
    goal: Draft             goal target: 2022-10

AES-X241 End of Line Testing for Production Loudspeaker Drivers
scope: This standard specifies parameters and methods of measurement required for
end-of-line quality control tests performed on loudspeaker drivers manufactured for
automotive, consumer and professional applications. It includes requirements for
mechanical setup. It does not consider measurements of loudspeaker systems or
multi-driver arrangements.

* 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.
status: Gathering comments on draft, next stage to consider tolerances

<table>
<thead>
<tr>
<th>intent: Standard</th>
<th>initiated: 2017-04-04</th>
<th>intent target: 2020-05</th>
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<tr>
<td>goal: PTD</td>
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<td>goal target: 2019-10</td>
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AES-X250 Measuring maximum linear peak SPL using noise

scope: This standard specifies a method for measuring the maximum linear peak SPL of a loudspeaker driver or system. It uses a mathematically derived test signal that effectively emulates the dynamic characteristics of music as a function of frequency as well as its spectral content.

status: Discussing topic

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<thead>
<tr>
<th>intent: Standard</th>
<th>initiated: 2019-09</th>
<th>intent target: 2020</th>
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<tr>
<td>goal: Draft</td>
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<td>goal target: 2020</td>
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AES-X254 Liaison with SMPTE project to codify the requirements for the Cinema B-Chain.

scope: This project will liaise with SMPTE TC-25CSS in their project to Codify the requirements for Cinema B-chain Characteristics and Expectations. The project will communicate AES development in SC-04-03-A to SMPTE.

status: Active

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<tr>
<th>intent: Liaison</th>
<th>initiated: 10/4/2020</th>
<th>intent: 2021</th>
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<tr>
<td>goal: Status report</td>
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<td>goal target: Continuing</td>
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6. Liaisons
7. New Projects
8. New Business
9. Date of next meeting

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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.

AES56-R  Review of AES56-2008 (r2019), AES standard on acoustics - Sound source modeling - Loudspeaker polar radiation measurements

  scope: to specify unified loudspeaker far-field polar radiation measurement practice to provide data suitable for room acoustic modeling programs

  status: Reaffirmed version published

  intent: Review  initiated: 2014  intent target: 2024
  goal: none  goal target: Continuing

AES73id-R  AES73id-2019: AES information document for acoustics – Loudspeaker driver comparison chambers

  scope: This document considers factors affecting the interchangeability of measurement data from simple loudspeaker comparison chambers and discusses some performance capabilities.

  status: Initial version published

  intent: Review  initiated: 2019-08-23  intent target: 2024
  goal: none  goal target: Ongoing

AES-1id-R  Review of AES-1id-2012: AES Information Document for Acoustics - Plane-Wave Tubes - Design and Practice

  scope: to establish, expand, and improve the practice for the design and use of plane-wave tube measurement techniques, as recommended in section 2.2.1 of AES2-1984, “Recommended Practice Specification of Loudspeaker Components Used in Professional Audio and Sound Reinforcement.”

  status: Reaffirmed in 2017

  intent: Review  initiated: 2012  intent target: 2022
  goal: Status Report  goal target: Ongoing

End of annex to agenda

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