

ALMA International

Component Standards Sub-Committee Meeting Agenda

2004 Winter Symposium

Meeting Minutes are in red.

Mission Statement: To establish standard nomenclature, dimensions and tolerances, and methods of measurement and inspection for loudspeaker components.

Numbering System: It was agreed that the documents would be numbered with their 2-letter abbreviations followed by a sequential 3-digit number. For example the Dimensioning/Tolerancing Guidelines for Spiders would be document number DG-004.

Revision Level: It was agreed that the documents need a revision level, but the type of revision level – letter, number, date, etc. – was not agreed upon. I propose that we use a date revision (consistent with other standards) on approved documents and “DRAFT” on unapproved documents until consensus can be reached.

Dimensioning/Tolerancing Guidelines (DG's)

- Review proposals and vote for approval – all proposed DG's were approved for release. Brian Sterling will add document numbers and revisions and submit for posting on the website – due 3/31/04.
- Call for volunteers to propose DG's for: ~~gaskets~~/padrings, whizzers/~~sub-cones~~, and grill cloth – Neal Baitcher and Greg Seidel volunteered. Drafts due 6/30/04.

Measurement Guidelines (MG's)

- Review proposals and vote for approval – proposed MG's were not approved for release but left in draft state until associated WI's are created. Brian Sterling will add document numbers and draft revisions and submit for posting on the website – due date 3/31/04.
- Call for volunteers to propose MG's for: ~~gaskets~~/padrings, whizzers/~~sub-cones~~, and grill cloth – Neal Baitcher and Greg Seidel volunteered. Drafts due 6/30/04.

Standardized Nomenclature Prints (NP's)

- Review proposals and vote for approval – all proposed NP's were approved for release.
- Determine how prints will be updated and maintained – Greg Seidel volunteered to update the CAD files with the proposed changes and add “ALMA International” and a revision block to each NP. The updated CAD files will be sent to Brian Sterling for checking and then will be submitted for posting on the website – updated CAD files due 2/27/04; website posting due 3/31/04.
- Call for volunteers to propose ~~prints~~-NP's for: (tweeter) domes/diaphragms, ~~gaskets~~/padrings, whizzers/~~sub-cones~~, and grill cloth – Neal Baitcher and Greg Seidel volunteered. Drafts due 6/30/04.

Work Instructions (WI's)

- Status report of:

spider WI's -- George Wise (NuWay) – These WI's were approved for release. George Wise will update to standard format and send to Brian Sterling. Brian Sterling will add document numbers and revisions and submit for posting on the website – format updates due 2/27/04; website posting due 3/31/04.

voicecoil WI's -- Jeff Guelzow (Polk Audio) – These WI's are to be reassigned. Brian Sterling to find a volunteer – due date 3/31/04. Jeff Guelzow re-volunteered; drafts due 6/30/04.

preconditioning and measurement conditions -- Neal Baitcher (ICI) – This issue was discussed and reaffirmed. Draft due 3/31/04.

measurement precision capability -- Bruno Durr (Centra) – This issue was withdrawn.

- Call for volunteers to propose WI's for: (tweeter) domes/diaphragms, ~~gaskets~~/pdrings, whizzers/~~sub-cones~~, and grill cloth, and dust caps – John Stewart volunteered for (tweeter) domes/diaphragms; Greg Seidel volunteered for pdrings, ~~whizzers~~, grill cloth, and dust caps; Neal Baitcher volunteered for whizzers – due 6/30/04.
- Diaphragm WI's – need volunteer (George Wise?)

EIA RS-438, Loudspeaker Spiders, Test for Measuring Stiffness

- Review proposal and vote for approval – the proposed update to RS-438 was approved for release. Bob True will finalize the document and send to Brian Sterling. Brian Sterling will add the new document number and revision and submit for posting on the website – document update due 2/27/04; website posting due 3/31/04.
- Determine how prints/pictures will be updated and maintained – consensus on this issue was not reached. Issue to remain open for further discussion.

ALMA TM-100, Measurement of the lowest resonance frequency of loudspeaker cones

- Review current standard and call for comment – the standard is still open for comment. Please send all comments to Brian Sterling by 6/30/04.

Call for new business

An issue was opened to create a WI for dynamic measurement of loudspeaker suspension component stiffness. Wolfgang Klippel and Greg Seidel volunteered to lead this effort. Report due 6/30/04.