

IEEE EMC Society SC 2
Special committee on low frequency EMC

Report from IEEE SC2 annual meeting 16th August, 2011
in Long Beach, California, USA

1 ATTENDANCE

The following members were present at the meeting: Magnus Olofsson from Sweden, Dave Thomas from UK, Er Ping Li from Singapore, Knud A Baltzen from Denmark, Anders Larsson from Sweden, Roelof Timens from Netherlands, William Bush from USA, Jinliang He from China, Yagi Chen from USA, Qin Yu from USA, Mike Mc Inerney from USA, Gary Stuyvenberg from USA, John Maas from USA, Jaroslaw Luszcz from Poland, Henglin Chen from China, Philip Keebler from USA, Randy Long from USA and Bill Radasky from USA.

2 Welcome and Introduction

The chairman Magnus Olofsson welcomed the attendees to the first annual meeting of SC2. The attendees then individually introduced themselves, gave their affiliations and outlined their main interest in the meeting.

3 Approval of the agenda

The agenda, as presented in document D11(SC2)01 was accepted .

4 Working procedures for SC 2

To insure appropriate and professional conduct in the meetings the procedures given in appendix 1 of document D11(SC2)01 was adopted and this was briefly outlined by the chairman.

5 Membership and officers

The current SC2 officers were given as:

Chair: Magnus Olofsson.

Vice Chair: Alex McEachern

Secretary: David Thomas

Other current members are listed on the SC2 web pages and all the attendees of this meeting were accepted as members of SC 2.

6 Aim and Scope of SC 2

The charter of SC 2 as published on the web page was presented and discussed. Particular attention was paid to the definition of low frequency. The chair suggested a possible definition is to align with the IEC 61000-2-2 standard (appendix 2 of document D11(SC2)01). Some members felt that the limit of 148,5 kHz was too restrictive as on vehicular systems conductive transients could be much higher. It was decided not to make any prescriptive definition at the moment until all possible definitions have been reviewed (e.g. from IEEE standards). It was also clarified that we should keep to the focus on conducted emissions and power quality issues.

7 Review of tutorial from yesterday

It was agreed that it represented a good start with an independent verification of 53 attendees. The content of future workshops should also be expanded to fully represent all the activities in low frequency EMC.

8 Planning for 2012 EMC Symposium (August 5 – 9, 2012, Pittsburgh)

It was noted that the call for papers is already published so there is no opportunity at present to propose special topics. A special session could be formed, however, based on invited papers. The invited papers would still have to go through the review process.

It was also clarified that there is no restriction on the submission of military EMC papers provided they can be fully published in the open literature.

9 Information and discussion

- a) [EMC Europe 2011](#) (26-30 September 2011, York, UK).

A workshop sponsored by SC2 will be presented

- b) [APEMC 2012](#) (May 21-24, 2012, Sentosa, Singapore).

SC 2 will provide and support a technical session

Other activities include provision of articles and editorials for Incompliance magazine (contact L Nicholles)

10 The way forward towards becoming a TC

- a) Sponsor workshops and special sessions
- b) Increase membership
- c) Special session at next symposium with paper reviews

It was suggested that the workshops need broader topics including: transformers, filters etc. to attract a bigger audience particularly from heavy industry, medical EMC and the automotive industry.

The scope of SC should also include technologies and industries.

There was unanimous support within the meeting to become a TC.

11 Any Other Business

We will liaise with IEEE PES to avoid too much overlap/friction with Power Quality (Philip Keebler from EPRI will assist in initial contacts)

The list of reviewers for 2012 symposium was agreed as:

Magnus Olofsson, Dave Thomas, Knud A Baltsen, Roelof Timens, Jinliang He, John Maas, Jaroslaw Luszcz, Henglin Chen, Philip Keebler,

12 DATE AND PLACE OF NEXT MEETING

This will be held at the 2012 symposium.

13 MEETING CLOSED

The meeting was closed by the chair.

Long Beach 2011-08-16

David Thomas