

IEEE DASC Steering Committee Meeting

San Jose, CA
12 Nov 04

Alex Zamfirescu
Yaron Kashai*
Oz Levia*
Peter Ashenden*
Stephen Bailey*
John Willis*@
Victor Berman*@
Tom Kazmierski*@
Andy Ickowicz@
Wolfgang Roethig*
Michael Mirmak
J. Bhasker*@

*Steering Committee Members
@Attending via telecom

Meeting called to order at 9:15am.

Agenda

As per published on the web and shown in slide.

Alex asked to consider DASC fees after we discuss DASC role.

Agenda adopted with no objection.

Minutes of Previous Meeting

Minutes posted on the www.dasc.org web site.

Yaron moved and Wolfgang seconded approval of minutes. Approved with no objection.

Action Items from Previous Meetings

- Ron Waxman reported on scope of CAD Council. CAD Council's Field of Interest Statement indicates there is overlap with the DASC.

Ron will represent the interests of DASC as a standards sponsoring committee at the ad hoc CAD Council.

The council is working to raise the level of awareness and focus on CAD related

activities since the activities are dispersed in different societies with broader scopes.

- Review of Item 4.6 of the DASC/CAG P&Ps: Added “from an appropriate provider” wording to this section of the P&Ps.

Business Conducted by Email

- NesCom approval
 - P1076 revision (concurrent withdrawal of P1076b)
 - P1850 (PSL)
- Pending NesCom approval
 - P1666 (SystemC) in continuous processing and has been unanimously recommended for approval. Formal approval coming 18 Nov 04.
- RevCom submission
 - 1499-1998 reaffirmation (on December agenda)
- PatCom: “non-assertion” box added to LoA form
- AudCom: DASC P&Ps approved
- IEC TC93 WG2 consideration of 1076.6 and 1364.1 for dual-logo process
- IEEE CS/SAB: Approved P&Ps revision which removed requirements on sponsors.
 - This affects DASC P&Ps as we incorporated items from the former CS/SAB P&Ps by reference that have now been removed. We will need to revise our procedures.
- DASC
 - Call for input on VuSpec product
 - Discussion with David Ringle on Patent Policy
 - Discussion with Claudio Stanziola on dissemination of draft standards docs
 - Discussion on DASC funding with Jerry Walker of SA.

Financial Report

Oz reviewed DASC’s financial report. Please see his slides for details. Summary:

- Projecting a deficit of \$10k for the 2004 calendar year.
- 2005 projections for \$15k - \$20k expenses depending on number of meetings, whether meetings are hosted or at a location requiring payment of fees for meeting space.
- 2005 projected income based on \$100 individual membership fee as well as contributions from IEEE and possibly Accellera.
- Reimbursement of travel expenses. SC consideration of existing DASC policy for reimbursement of chair and vice chair travel. Oz suggested it is reasonable and worthy of extending for another year as it has not been abused. Oz moved that we extend the existing policy for another year. Yaron seconded.

Discussion: Steve suggested that the funding be limited to one of chair or vice chair for any given meeting. Alex suggested that only people who can have their travel needs sponsored are eligible to run for a DASC SC officer position.

Wolfgang proposed an amendment that the funding only be available when the chair or vice chair does not have a sponsor. There was no second for this amendment.

Oz's motion approved.

Liaison Reports

- CS/SAB activities: Change in P&Ps covered previously and dissemination of IP to be discussed later in agenda.
- IEC TC93 WG2, Alex is liaison. See Alex's presentation for details. Led to discussion of Dual Logo standards Procedures. See Alex's 2nd presentation for slides used for the discussion. Wolfgang will work with Alex to define the DASC WG procedures for Dual Logo standards maintenance.
- JEITA liaison, Victor Berman. Meetings in Yokohama in January. Victor will reserve facilities, dates and times.
- DATC liaison (Peter). Reported no business from DATC. John Willis later reported that Dave Barton has been elected as new chair of DATC.
- EIA IBIS Open Forum, Michael Mirmak. See Michael's presentation. Recommendation is that IBIS liaise at the WG level.

Working Group Status Reports

Please see each WG's slides for the status specifics

- 1076.1.1, Alan Mantooh. Issue related to specification of attributes for vector types where the attributes need to apply to the elements and not the vector as a whole. Peter informed Alan that there's a web form to submit the issue into the 1076 WG process. Steve will provide Alan with the link to the site.
- 1076. Stephen Bailey. See slides. Timeframe to resolve technical issues by end of year. LRM editing is dependent on finding funds.
- 1076.1, Tom Kazmierski. See slides.
- 1076.4, no report
- 1076.6, no report. Bhasker has not had time to conduct election.
- 1364/1800, Johny Srouji. See slides. Oz moved for ratification of elections. Wolfgang seconded. Motion passed by acclamation.
- 1364.1, no report.
- 1481, no report
- 1497, no activity
- 1499, reaffirmation
- 1603, Wolfgang Rothig. See slides. Wolfgang moved for approval of elections. Steve seconded. Approved by acclamation. Will investigate whether an errata or a corrigenda may be needed.

- 1647, Yaron Kashai. See slides.
- 1666, Victor Berman. (Still officially a SG as formal approval due next week.) Plans to call first WG meeting as soon as possible with review & approval of WG P&Ps and hand-off date of LRM from OSCI. Transfer of technical activities under the IEEE WG domain from OSCI.
- 1850, no report.
- Peter has had discussions with SA about administration of standards, such as 1076.3 extension pending 1076 revision.

Study Group Status Reports

- VHDL High Frequency, John Willis. Planning on SG approval of PAR by end of November. No official SG roster but John will pull it together in official form. PAR due by 11 Dec 04.

WG Governance Review

Reviewed current status of WG compliance with DASC P&Ps.

Proposed Amendments to DASC P&Ps

- Jim Lewis proposed that a motion for call for discussion of an issue/proposal and a motion for call for vote on an issue/proposal.
 - RROO does not apply to email discussions (only apply to in-person meetings).
 - Ashenden & Lewis to propose guidelines in Guide to DASC document.

DASC Role in EDA Standards

Discussion of where DASC fits into EDA standards development community, both within IEEE and externally. Oz: DASC is a collection of people of long standing in EDA and with expertise in standards development.

Peter: within IEEE, DASC represents interests of EDA community in the standards development process, and externally, DASC is expert in the standardization process and acts as a conduit into the process. We have developed a good relationship with IEEE-SA and CAG, and are now in a better position to deal with entity-based standards projects. We can act as the EDA advisory body to IEEE-SA. We are developing a closer relationship with Accellera, a standards incubator, and could develop similar relationships with other external bodies (eg, SI2, IBIS Open Forum).

DASC Technical Management

Discussion based on analysis and suggestions formulated by Alex Zamfirescu and Ron Waxman to IEC TC93. Discussion centered on why a change in the organization of the DASC is necessary. What problem exists? As in, how is the DASC hindering the development of standards?

Agreed to note Ron's draft proposal, and await a formal communication from TC93 before responding.

DASC Funding

There was a proposal to raise individual membership to \$100/yr and to recognize SA entity membership as entity members of DASC. Oz revised suggestion as \$60 individual membership with entity membership cost the same as SA corporate membership fee. Steve stated that if we are going to mutually recognize DASC/SA corporate members, then we need that agreement up front. He further stated that we should just tell entities to be SA corporate members. DASC/CAG co-sponsored WGs must require individual participants to be DASC members.

Oz moved: Set the 2005 membership fee at \$60 for individual membership. Yaron seconded.

Steve moved an amendment to set fee at \$100. John Willis seconded. Victor, John and Steve voted to approve. Yaron, Wolfgang voted against. Oz abstained. The motion to amend was approved.

Main motion: Set the 2005 membership fee at \$100 for individual membership. For: Victor, John, Steve and Oz. Against: Wolfgang. Yaron abstained. Motion was approved. This proposal will be carried to the full DASC for approval.

Oz moved: Extend DASC entity membership to SA corporate members and to allow entities to be DASC members at the same fee structure used for SA corporate membership and with a number of DASC individual memberships equal to the number of SA individual memberships granted to SA corporate members. Furthermore, the DASC chair will request SA to mutually extend membership to DASC entity members. Steve seconded. Motion carries by acclamation. Proposal will be submitted to DASC membership for approval.

DASC Patent Policy

Dave Ringle advised Peter and Steve in September that the DASC cannot restrict reasonable and non-discriminatory (RAND) licensing of patents related to standards. The reason being that a standard could depend on violation of a patent without fore-knowledge when the standard was adopted. IEEE can subsequently receive a RAND letter of assurance and everything is OK with the IEEE. Furthermore, in the development of a standard, WGs do not have the resources (legal and otherwise) to research all patents to determine whether or not they may apply.

Victor stated that our policy is a good policy and eliminates most problems. Steve stated that we still need to re-word the DASC P&Ps to capture our intent while still allowing RAND with unforeseen patents. Peter asked Steve and Victor to look at possible changes to the DASC P&P. Peter will also provide pointers to this discussion thread.

Dissemination of Standards IP

Conflict between IEEE's desire to protect their IP and a WG's need to broadly disseminate draft and final versions of source code for testing purposes prior to and during balloting and facilitate adoption of the standard after balloting. We are awaiting Claudio Stanziolo's draft policy in this area.

VuSpec Proposal

Still in exploration stages. Steve suggested that if there is any revenue sharing with the DASC, then there might be greater willingness to undertake the effort to develop such material.

2005 DASC Activities

Standards Workshop ("Standards and Applications") including numeric summit and in collaboration with DATC, TTTC/TTSC. Co-locate with DVCon? Workshop steering committee to persue.

DASC-SC meeting schedule:

January, Yokohama, Japan

March, Munich, Germany

June, Anaheim, CA

September, Piscataway, NJ

DASC Plenary: at June meeting. Peter to investigate with Accellera.

Meeting adjourned at 3:00pm