DASC Steering Committee Meeting
11 June 2004
San Diego, CA

See agenda slides.

Attendees:
- Peter Ashenden*
- Victor Berman*
- Oz Levia*
- Stephen Bailey*
- Jim Lewis
- Dave Barton
- Ajayharsh Verikat
- Tom Kazmierski*+
- Chuck Swart+
- Steve Mills (steve.mills@hp.com)
- Andy Ickowicz
- Dave Bishop
- John Williams+
- Peter Flake
- Alex Zamfirescu*
- Edward Rashba (e.rashba@ieee.org)
- Michael McNamara*+
- Lori Kate Calise
- John Beatty*+
- John Willis
- J. Bhasker+
- Andrew Guyler+
- Khaled Amer+
- Yaron Kashai+

*SC members
+Participating via telecon

Meeting called to order with quorum of: Peter A., Victor B., Oz L., Stephen B., Tom K., Alex Z., and Michael M.

Peter reordered the agenda so items could be addressed while Edward, Steve M. and Andy were present.

Approval of minutes of previous meeting. Steve B. moved they be filed as read. Oz seconded. Passed.

Funding discussion with John Daniel. CS will absorb a reasonable deficit (not definition of "reasonable").

Victor AI to contact JEITA to determine their meeting schedule and liaison.

Proposal to remove 1076.3 chair. Postponed until after we review WG status.

Edward Rashba discussed organizational entity membership of WG. Balloting requires IEEE corporate membership. WG representative and alternate are designated and exercise entity's voting rights on the WG. There are 50 corporate members of IEEE. CAG is an advisory board with standards sponsorship rights. But, CAG is currently the sponsor of last resort. Instead CAG should work closely with other sponsors.

P1800: DASC is discussing with CAG sponsorship of this new PAR/WG.

Jim Lewis asked why CAG was formed to begin with. Ed Rashba: Organization entity membership has been an option since 1988. CAG was formed to encourage more entity based membership with projects. Steve Mills: CAG's purpose is to be an advisory group representing industry in SA. The role of standard sponsor is secondary or tertiary in priority of the CAG. The CAG does not covet doing standards development but will do so if necessary.

John Williams: Please define "market relevance." Does it mean standards for marketing? Ed: It means the development of standards that meet the needs of the marketplace/industry.

Jim Lewis: Does CAG and corporate SA membership result in additional $'s for WGs. Ed: Funding models are being enhanced to allow WGs to self-fund their work. Steve Mills: No change in that SA funds do not currently go directly to WG funding.

DASC has 45 days to respond to the offer of sponsoring P1800. If not accepted, the CAG will look for alternative sponsor groups or look to sponsor it themselves.

Steve B: What further involvement would CAG have assuming DASC accepts sponsorship of P1800? CAG would monitor the activity to ensure that the people involved with P1800 are satisfied with the progress of the project.

Report of Business Conducted by Email:

- P1499: Will be re-affirmed. Process is in progress.
- P1076.6: Balloted and approved by SASB.
- P1164, P1076.2 and P1604: All agreed to merge with P1076. The PARs of 1164, 1076.2 and 1604 have been requested to be withdrawn.
- P1557: PAR withdrawal approved by SASB
- Dasc.org domain renewed.
- Email list members permissiable discussions

- Donation of Rose software as it is used for the model used for 1076 VHPI.
- Discussion with SA WRT participation by individuals from embargoed countries. Advice given that these individuals should not participate (not permitted to subscribe to the WG reflectors).
  AI: Need to determine if Dr. Navabi is eligible.
  AI: Steve B. needs to ensure a recent participant from Iran is removed from VHDL-200x email lists and roster.
- Ongoing WG roster collection, elections, WG P&Ps.
- SystemC draft PAR vote was suspended
- Draft of SG Guidelines
- Dicussions with Accellera, CAG, SA WRT P1800.
- SAB discussion on DASC/DATC interaction.
- Possible CAD council discussions.
- New SA Staff Liaison: Andrew Ickowicz. Project Editor: Michael Fisher
- Standards need to include ballot type in the front matter.
- PatCom online discussion of patents and IP.
- DASC P&P docs sent to AudCom for review and approval.

Financial Report
- Cash basis: 29 members renewed in calendar year 2004: $1160
- Expenses: $74.97 (domain name registration)
- Travel (chair): $3727.28
- Meeting Room: $518.12
- Balance: ($3160.37)

Liaison Reports
- CS/SAB: Approval of DASC P&P, vitality of sponsors. How do we interact with technical activities. SAB is reviewing its procedures.
- DATC: DASC/DATC will jointly sponsor a workshop, targeting DATE 2005. John Willis (DATC chair) reported on workshop plans.
- IEC TC93 liaison is Alex Zamfirescu. Alex and Andy Ickowicz are TC93 liaisons to DASC. Alex provided information on IEC organization. Andy provided information on dual logo (IEEE/IEC) standards.
- JEITA liaison to DASC (Satoshi Kojima, alternate Kaba). DASC liaison to JEITA?

SG & WG Guidelines
- SG guidelines drafted to help the process of organizing a project to PAR approval. Addresses fundamental issues and data that must be established by any SG that will become a WG and to ensure there will be no procedural or legal issues that may impact the ability to produce a new standard. See draft SG guidelines for details.
- Peter recognized that these guidelines also apply to revision projects as well as new projects.

- Alex Z. suggested that the guidelines don't address coordination with related activities. Peter added a statement to the Guidelines to cover identification of any coordination needed and recommendation of a process for coordination.
- Steve B. moved and John W. that the SG & WG Guidelines be approved. Unanimous approval (no nays) via voice vote.
- Need for a "Newcomers" guide to DASC WG operation. Peter has begun work on this and plans to continue to work on this.

WG Status Reports
- 1076 and 1076b: WG officer elections held. DASC Model WG P&P distributed for review and comment. Draft PAR being developed for a full revision PAR which will incorporate 1076b scope (VHPI) as well as general revision and incorporation of 1164 and 1076.2.
- 1076.1: Due for revision/re-affirmation. Revision PAR to be submitted by end of June 04. Scope: corrections and updates due to VHDL-200x work; also, additional enhancements (SPICE, mixed nets, frequency domain review).
- 1076.1.1: Balloted, are in process of resolving ballot comments for re-circulation.
- 1076.2: Voted to merge with 1076. Oz moved and John W. seconded motion to dissolve WG. Passed with no negative votes.
- 1076.3: Technical progress on floating point packages. Acknowledged previous discussion on DASC reflector on WG operations. Stated his objection to the intervention of the DASC Chair into the WG operations. General WG opinion that the packages can be moved into 1076. Alex reiterates his interest and need for a high-level math semantics specification (not specific to a language). 1076.3 can be re-affirmed to ensure it doesn't disappear while awaiting for the next revision of 1076 (which would incorporate the 1076.3 packages) to become a standard. Andy I. and Steve B. agreed that re-affirmation is a reasonable precaution and that 1076.3 can be withdrawn as soon as the next revision of 1076 is approved.
  AI: Peter A. requested that Alex prepare a proposal for a numerics SG.
  Oz L. moved and John W. seconded to disband 1076.3 and move the packages to 1076. Alex expressed his disapproval of the motion as no vote has been taken in either 1076.3 or 1076 to transfer the work. (1076.3 is currently without a PAR.) Steve B. reported that no roster of the 1076.3 WG has been provided as directed by the DASC Chair in Dec 2003.
  Vote: Nay: Alex Z.
       Aye: Steve Bailey, Oz Levia, J. Bhasker, Victor Berman, John Willis
       Abstain: John Beatty
  Motion is approved.
- 1076.6 was approved one month ago. The documentation is being worked on by IEEE and is expected to be done in about one month. A motion of appreciation was moved by Oz, seconded by Victor and approved by acclamation. WG roster submitted. WG elections and P&P approval? No. But, Bhasker will conduct WG elections and get WG P&P approved by WG.
- 1364.1: No activity. Oz L. moved and Steve B. seconded the disbandment of the WG. Discussion about the need to maintain the standard. The motion failed.

- 1364: Work proceeding with regular meetings. Discussion about SystemVerilog relationship. WG elections (Mac chair, Fitzpatrick vice chair and Gover secretary). Approved WG P&Ps.
- 1076.4. Ajay has been nominated as interim chair of the WG. No activity since last SC meeting. Ajay will investigate any work needed for 1076.4 and report back within 1 month.
- 1481: Active and moving forward. WG elections are in process (closes 6/15/04).
- 1497: Vacant chair. No current activity. Victor reported that Cadence looked into the issues and they found no one is using new timing model capabilities in Verilog and therefore the problems are not being encountered by users. No champion has been found.
  Victor moved and Oz seconded to reconsider the motion to disband the WG. Motion passed.
  Victor moved and Oz seconded the motion to disband the 1497 WG. The motion passed.
  AI: Peter and Andy: Ensure 1497 is recognized as a "stabilized" standard so it doesn't go away.
- 1499: Reaffirmation in progress
- 1603: No report from chair
- 1647: WG elections in process. Will adopt WG P&Ps after election. Continued work on LRM. Would like to coordinate with SystemC and SystemVerilog.

Study Group Status Reports
- VHDL High Frequency. SG has continued beyond 6 month limit. Disband or restart? John Willis stated case for restarting the effort with a modified scope. Coordination with AMS and 1076. John provided some information about the community of interest (primarily tool vendors) and user community (primarily military users in U.S. and Europe).
  Steve asked how we assess satisfactory progress for a SG that has been alive for 4 years.
  Oz counseled that an extension should only be requested and granted if John Willis is as certain as possible that all issues in the just accepted SG/WG Guidelines can be met and PAR submitted within 6 months. SG was granted 6 more months to get the PAR done.
- SystemC: Issues not addressed yet. Proposal to restart the SG process. Oz provided information about OSCI's interest in CAG. Victor will discuss the options with OSCI.

WG Governance Review
- P&P forwarded to SAB for approval.
- Review WG membership and conformance with P&Ps.
- Confirmed elections of 1076 WG elections.
- Confirmed elections of 1364 WG elections.
- 1647 chair election is in progress.
- See Peter's agenda slides for details.

Review of [Standing Rules](#)
- Peter researching and documenting standing orders and publishing them on the web site.

Proposed amendment to P&P or standing rules
- AI: Peter A. and Jim L.: Offline discussion of how to formulate motions in email discussions.

2004/5 Activities
- Attract users to DASC and WG
- EDA Standards workshop in collaboration with DATC and others
- Meeting schedule: SAB: Piscataway, NJ on 23 Sep. New Orleans on 4 Nov (?)

AoB
- Quorum check (with the reduced SC size). Quorum is now 6 (Peter A, Stephen B, Oz L, Victor B, Mike Mc, John Willis, Yaron K.)
- Peter went over the draft PAR (tentatively numbered 1800) for SystemVerilog.
- Motion for DASC-SC to agree to have DASC sponsor P1800. John Willis asked if the PAR has met the criteria identified in our SG/WG Guidelines. Peter responded that due to the way in which the project came into the IEEE, it has already demonstrated that it has met the requirements of the guidelines.

  Oz discussed the need for DASC to remain relevant as an EDA standards sponsoring organization. Therefore, P1800 should be sponsored by DASC. Users desire working with CAG (entity membership). The appearance of having 2 different Verilog languages is not a desired perception. There should be only one WG responsibility for Verilog.

  Michael Mc: Looking for structure that works within DASC but recognizes the entity membership of CAG with only a single WG responsible for Verilog. Additional discussion on how to resolve satisfactorily to meet goal of only 1 Verilog.

  Steve Mills reiterated that the CAG is willing to step forward and do whatever is needed to work with DASC and P1800 to support the project.

  Comments about some people stating that 3.1a should be standardized without changes. Steve Mills and others indicated the IEEE process is the process and there can be no guarantee that there will be no changes. Peter pointed out that the decision of technical rigor of the draft standard is not an issue for DASC-SC to decide. The WG must decide when the rigor is sufficient and balloting will determine if the WG decision was accurate.

  Range of revision options for scope of 1364: interpretations (no PAR required), corrigenda (technical corrections), amendment (addition to) to full revision.

Steve B. proposed amended motion: DASC-SC sponsor P1800 under DASC with co-sponsorship with CAG, form a new WG with organizational entity membership and assign it responsibility for both P1800 and a revised P1364 PAR that specifies organizational entity membership. Seconded by Michael Mc.

Amendment approved
Vote: Nays: Yaron Kashai
            Ayes: Michael McNamara, Victor Berman, Oz Levia, Stephen Bailey, John Willis.

Vote to approve the amended motion:
Aye: Michael McNamara, Victor Berman, Oz Levia, Stephen Bailey, John Willis.
Nays: Yaron Kashai

Meeting Adjourned.