

**IEEE P1800 SystemVerilog Working Group**  
**UNAPPROVED MINUTES**  
**10 February 2011**  
**8:00 a.m. – 10:00 a.m. PST**  
**Teleconference**

**1 CALL TO ORDER - INTRODUCTIONS & AFFILIATIONS**

The meeting was called to order at 8:10 a.m. PST.

**Member DRs/DRAs Present:**

Dennis Brophy (Mentor Graphics, DR)  
Mehdi Mohtashemi (Synopsys, DR)  
Karen Pieper (Accellera, DR)  
Neil Korpusik (Oracle, DR)  
Charles Dawson (Cadence, DR)  
Scott Little (Freescale DR)  
Neil S., (Marvell DR)  
Matt Maidment (Intel DR)

**Member DRAs Present:**

Dave Rich (Mentor Graphics DRA)  
Josef Derner (Mentor DRA)  
Dmitry Korchemny (Intel DRA)

**Observers:**

Michiel Ligthart (Verific)  
Joan Woolery (IEEE SA)  
Sri Chandra (Freescale)

- For participant reference, the SA Website with Basic and Advanced Member lists can be found at: <http://standards.ieee.org/develop/corpchan/mbrs1.html>.

**2 APPROVE AGENDA**

A motion (Dennis Brophy, Mehdi Mohtashemi) was made to approve the agenda. The motion passed unanimously.

**3 PATENT POLICY AND CALL FOR PATENTS**

Chair Pieper called to the attention of all participants to the IEEE patent policy. That information is found at: <http://standards.ieee.org/board/pat/pat-slideset.ppt>. Chair Pieper asked if anyone had not read the patent policy in preparation for this meeting and needed her to do it. There were none who indicated they needed her to do it.

**4 APPROVAL OF MINUTES**

- 10 January 2010 Meeting Minutes

A motion (Dmitry Korchemny, Scott Little) was made to approve 10 January 2011 meeting minutes. The motion passed unanimously.

## **5 MEETING ATTENDEE AUTHORIZATION**

There is a meeting scheduled for Monday, 14 February 2011, to review the new policy.

## **6 FUNDING, BUDGETING, AND FINANCIAL UPDATE**

No feedback from IEEE SA. Dennis will send status as he gets feedback from the SA staff.

## **7 CROSS COMMITTEE INTERACTION**

- Verilog AMS request to modify 1800-2009 directly for incorporation of SV-AMS

Chair Pieper consulted with the VHDL AMS group on how they handled development of the analog extensions to VHDL. Sri Chandra, the Accellera Verilog AMS chair said the Verilog AMS team is looking to use the 1800 standard and extend it in much the same way as was done for VHDL AMS. The Verilog AMS team would need the 1800 document source (in FrameMaker format) to make changes and extensions.

Chair Pieper says the plan is to have a separate “dot” standard that will be just the changes and extensions document to decouple the digital and the analog from ongoing changes by each committee.

The Verilog AMS project team is under Accellera at the moment and they would like to keep the team there to craft the SystemVerilog AMS draft. In IEEE/Accellera history, there have been projects where the IEEE released copyright for specific purposes as long as all work is returned only to the IEEE for certification as a standard via their consensus process. The Verilog AMS team would accept the same terms and conditions that the VHDL team had gotten as their goal is to bring this into the IEEE.

In terms of actual development, this cannot be done just by the analog experts alone. The Verilog AMS team will need some access to the P1800 Working Group experts. How to handle this is still an open issue to be resolved later.

Joan will work with Karen to put in place the right copyright release to promote the development of the extensions for 1800’s analog elements within Accellera for eventual return to the IEEE for consideration as a “dot” PAR.

## **7 SCHEDULE STATUS UPDATE**

The date for revision 1 is moved out to 15 April 2011 at the earliest.

- February 10, 2011 Conference Call
- April 15, 2011 Revision 1 of 1800-2012
- March 10, 2011 Conference Call
- April 14, 2011 Conference Call
- May 31, 2011 Revision 2 of 1800-2012
- October 1, 2011 Feature Freeze in the committees
- October 15, 2011 Feature Freeze in the P1800
- November 6, 2011 Pre-ballot draft of 1800-2012
- November 15, 2011 Remind entities to become members
- December 16, 2011 Open the invitation to ballot
- December 26, 2011 Last editing corrections filed in svdb
- January 9, 2012 P1800 approval due
- January 16, 2012 Close of the invitation to ballot
- January 24, 2012 Completion of the review of the pre-ballot draft
- January 25, 2012 Balance in the balloting group confirmed
- January 28, 2012 P1800 meeting
- ----- Ballot draft available
- February 4, 2012 Balloting begins
- March 6, 2012 Ballot closes
- March 21, 2012 Ballot responses available
- May 21, 2012 Committees respond to ballot responses
- June 5, 2012 P1800 approval of recirculation ballot
- July 5, 2012 Recirculation pre-draft
- July 12, 2012 Recirculation pre-draft review complete
- July 19, 2012 Recirculation draft approved, recirculation initiates
- August 3, 2012 Recirculation results back
- November 18, 2012 Election of Officers Two Year Anniversary

## **8 P1800 TECHNICAL COMMITTEES AND CHAMPIONS OPERATIONAL UPDATE**

Neil provided an update on the technical committee's status. The report is located [here](#). There were elections for the subcommittees and those elections need to be approved by the Working Group.

The SV-AC is the most active group and meets weekly. The SV-AC plans a two day meeting at DVCon and it is suggested he work with Lynn Horobin for a room to hold the meeting.

The SV-BC election was completed and needs approval.

A motion (Neil Korpusik, Dennis Brophy) was made to approve Matt Maidment as chair of the SV-BC and Brad Pierce as co-chair. The motion passed unanimously.

The SV-CC election was completed and needs approval.

A motion (Neil Korpusik, Dennis Brophy) was made to approve Charles Dawson as chair of the SV-CC and Ghassan Khoory as co-chair. The motion passed unanimously.

The SV-DC lost its chair and had to elect a new one.

A motion (Neil Korpusik, Scott Little) was made to approve Jim Lear as chair of the SV-DC. The motion passed unanimously.

There are 9 Mantis items in green are the ones that are approved. The SV-FC remains dormant.

The champions reviewed 19 items that can found [here](#). 6 were sent back to the committee with friendly amendments. And one item was not properly recorded from past meetings and now available for approval with the other 13.

A motion (Neil Korpusik, Charles Dawson) was made to approve all 14 Mantis items as shown in the summary. The motion passed unanimously.

## **9 NEW BUSINESS**

None.

## **10 NEXT MEETING (ANNOUNCE DATE, TIME, AND LOCATION, IF KNOWN)**

- 10 March 2011 P1800 Meeting teleconference 8 a.m. PST

## **11 ADJOURNMENT**

A motion (Dennis Brophy) was made to adjourn. Having no other business before the committee, no second is needed and the meeting concluded at 9:11 a.m. PST.