

IEEE P1800 SystemVerilog Working Group
UNAPPROVED MINUTES
27 October 2011
8:00 a.m. – 10:00 a.m. PDT
Teleconference

1 CALL TO ORDER - INTRODUCTIONS & AFFILIATIONS

The meeting was called to order at 8:06 a.m. PDT.

Member DRs/DRAs Present:

Dennis Brophy (Mentor Graphics DR)
Mehdi Mohtashemi (Synopsys DR)
Karen Pieper (Accellera DR)
Neil Korpusik (Oracle DR)
Neil Sensarkar (Marvell DR)
Haim Kerem (Intel DR)
Charles Dawson (Cadence DR)

Member DRAs Present:

Dave Rich (Mentor, DRA)
Josef Derner (Mentor, DRA)
Yatin Trevdi (Synopsys DRA)

Editor

Stu Sutherland

- 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, Medhi 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 do read it.

4 APPROVAL OF MINUTES

Minutes from the 12 August 2011 meeting minutes were presented for approval.

A motion (Mehdi Mohtashemi, Charles Dawson) was made to approve the 11 August 2011 amending to note Scot Little. The motion passed unanimously.

A motion (Mehdi Mohtashemi, Dennis Brophy) was made to approve the 8 September 2011 minutes. The motion passed unanimously.

5 V-AMS STANDARD APPROACH

The group is not working rapidly. They are discussing a name change from “Verilog” AMS to “SystemVerilog” AMS, but they are going to leave it as is for now.

6 FUNDING, BUDGETING, AND FINANCIAL UPDATE

Cisco and Fraunhafer were recently invoiced. All other original entities that were invoiced have paid. Given our plan and the number of members, this would mean a 2012 assessment of \$4k.

A motion (Medhi Mohtashemi, Dennis Brophy) was made to assess members a \$4k 2012 fee and to count the recent Cisco and Fraunhafer payments towards 2012 assessment requirements. The motion passed unanimously.

7 UPDATE ON EDITING

There is no new draft out there yet. There are several approved items that should be included in the new draft. The new draft due on 6 November 2011.

8 UPDATING POLICY AND PROCEDURES DOCUMENT

The AudCom will not review all working group P&P's, and several of our changes are aligned with updated policies, such as the no proxy vote change.

9 SCHEDULE STATUS UPDATE

- October 1, 2011 Feature Freeze in the committees
- October 27, 2011 Conference Call
- October 27, 2011 Feature Freeze in the P1800
- November 6, 2011 Draft 3 for initial ballot review of 1800-2012
- November 10, 2011 Conference Call
- November 15, 2011 Remind entities to become members
- November 17, 2011 16:00 - 18:00 Sync-up meeting with JEITA, SV-* committees presenting
- November 18, 2011 SV-CC freeze on changes from the October 1 feature freeze in the committees
- November 28, 2011 Champions freeze of SV-CC changes from the October 1 feature freeze in the committees
- December 1, 2011 Conference Call

- December 9, 2011 Pre-ballot draft
- 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 1, 2012 Initiate discussion on interface changes between SV-BC and SV-CC
- 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

10 P1800 TECHNICAL COMMITTEES AND CHAMPIONS OPERATIONAL UPDATE

A report was given by Neil Korpusik. It can be found [here](#).

The AC has resolved 5 items since the last meeting. The AC is done with their work for this PAR. There is Champion review that the AC will need to address. At this point meetings are being held on an as needed basis based on feedback from the Champions committee.

The review of Draft 2 needs to be completed by the committees. Some review is underway,

The BC met and has 7 of 24 Mantis items approved. There were other items not on the top-25 that were approved as well. The committee is now waiting for the next stage of the process. They have not pushed one item through the Champions, and that is underway.

The CC status is they are still working on Mantis 3087 and there is a very large proposal of more than 75 pages. If it does get approved, it will take a lot of time to get the Champions to approve it. A few Mantis items were flagged as need updates. The CC does lag behind the other committees, but at this moment, Neil cannot judge how far behind they will lag this time.

Chas says the DPI-OO proposal is large and there is a lot of work to do. They know it will probably not go into this version of the standard, but would like to continue to work on it in hopes to get it in the next round.

A motion (Dennis Brophy, Charles Dawson) was made to allow the SV-CC to continue on the DPI-OO proposal for possible inclusion in a future PAR as long as this work is prioritized below other work to complete the current draft standard. The motion passed. There was one abstain (Synopsis).

Chas is looking for help from the other committees on some of the new items added to the draft standard that they don't understand as well as the creators of them do. One is 297. At the Champions level, it would be good for them to identify a few people to help the CC so it can complete its task. It is suggested that those who proposed the items be contacted to join the SV-CC committee meeting when their item will be discussed.

For the DC, there are no more meetings scheduled. The two items they had were approved by the Champions.

For the EC, there are two items in ballot and they are responding to Champions feedback for numerous others. The changes made by the editor to the draft have still not been done and is work left to do.

For the FC, there was no activity.

For the Champions, there were a set of 4 email votes since 20 September 2011. Neil was trying to balance the workload since several of the items required a lot of work. Even with this, it has been difficult for the Champions committee to keep up with the input. At this time, there are 17 items currently up for an email vote. Given the number of items and the history of past votes, Neil does not predict all 17 will pass the Champions committee. A lone vote will cause a ballot to fail. The Champions committee may need to meet in person such that a lone vote won't prohibit an item from being approved and included in the draft.

Chair Pieper observes from what is in front of the Champions we could choose to do the following:

1. What is resolved today is what is resolved. All other items are pushed out to a future release.
2. There is a Champions vote in process and what is approved by 10 November is in and others are pushed out to a future release.
3. Or we could push the final freeze out to the 1 December 2011 meeting allowing more Champions and subcommittee interactions.

The committees are only allowed to work on items that were previously approved by the committee.

The Champions will finish the 17 items on 1 November 2011. The committees have until 11 November to respond to Champion feedback. Champions have to respond to the committees by 16 November 2011. By 23 November 2011, the committee gets feedback to the Champions. By 30 November 2011, the Champions approve all final items. The P1800 WG meeting will be scheduled for 1 December 2011 to approve items.

There are 3-4 items that Françoise has flagged that need to be addressed are authorized to be addressed.

A motion (Neil Korpusik, Dennis Brophy) was made to approve the first 27 mantis items from the list (found [here](#)). The motion passed unanimously.

A motion (Neil Korpusik, Dennis Brophy) was made to approve mantis 3046. The motion passed unanimously.

A motion (Neil Korpusik, Medhi) was made to approve was made to approve mantis 3293. The motion passed unanimously.

11 NEW BUSINESS

None.

12 NEXT MEETING (ANNOUNCE DATE, TIME, AND LOCATION, IF KNOWN)

- 10 November 2011 P1800 Meeting teleconference 8 a.m. – 10:00 a.m. PDT.

13 ADJOURNMENT

A motion (Dennis Brophy) was made to adjourn. Having not further business before the committee, the meeting concluded at 8:51 p.m. PDT.