

IEEE P1800 SystemVerilog Working Group
UNAPPROVED MINUTES
17 February 2005
12:00 p.m. – 5:00 p.m. PST
Synopsys, Mountain View, CA USA

1 CALL TO ORDER

Chair Srouji called the resumption of the meeting to order 12:10 pm. Attendance is shown below.

Key: DR= Designated Representative
DRA= Designated Representative
Alternate
O=Observer
S=Staff

Present	Entity Name	Representative Name	Representative Designation	IEEE-SA Member	Voting Member
X	Intel	Yossi Levy	DR	Yes	Yes
X	Accellera	Vassilios Gerousis	DR	Yes	Yes
X	Bluespec	Rishiyur Nikhil	DR	Yes	Yes
X	Cadence Design Systems	Victor Berman	DR	Yes	Yes
X		Stephen Dovich			
X	IBM	Johnny Srouji	DR	Yes	Yes
X	Mentor Graphics	Dennis Brophy	DR	Yes	Yes
X		Dave Rich			
X	Sun Microsystems	Neil Korpusik	DRA	Yes	Yes
X	Sunburst Design	Cliff Cummings	DR	Yes	Yes
X	Sutherland HDL	Stu Sutherland	DR	Yes	Yes
X	Synopsys	Oz Levia	DR	Yes	Yes
X		Karen Pieper	DRA		
X	Fintronics	Alec Stanculescu	DR	Yes	No
Observers					
X	Infineon	Wolfgang Ecker		Yes	No
X	Micronas	Jonathan Bradford		No	No
Staff					
X	IEEE-SA	Noelle Humenick			

[Download Roster](#)

2 APPROVE AGENDA

A motion (Victor Berman, Oz Levia) was made to approve the agenda.

3 CALL FOR PATENTS

Chair Brophy read the patent slides.

[Download Patent Slide set \(PowerPoint\)](#)

5 APPROVAL OF 26 JANUARY AND 4 FEBRUARY 2005 (CONTINUATION OF 26TH) MEETING MINUTES

A motion (Victor Berman, Vassilios Gerousis) was made to approve the minutes. The motion passed unanimously.

6 ACTION ITEM REVIEW AND FOLLOW-UP

Johny Srouji sent out an action item list prior to the start of the meeting. The action item list was reviewed and updated.

[Download update action item list.](#)

7 STATUS UPDATE ON MEMBERS FEES COLLECTION

Lynn has indicated that all invoices have been accepted and members are in the process of paying.

8 P1800 FINANCIAL REPORT UPDATE

All payments are underway. IEEE-SA is waiting for full payment.

9 STATUS UPDATE ON 1364 ON ERRATA AND ENCRUPTION OPEN ISSUES

Everything is on track and the first ballot draft will be available on 22 February 2005. At this point, Shalom has ended his editorship.

A motion (Dennis Brophy, Cliff Cummings) was made to thank Shalom Bresticker for his tremendous contributions to P1364-2005. The motion was carried unanimously.

Action Request: [Johny Srouji]: Inform Shalom of this motion.

Steve Dovich updated the team on encryption work. With the approval of the clause into the draft, there have been some issues submitted for review. Of the 21 items received, all but 5 of those have been closed and reflected in the current draft. 1 is future, 1 is a duplicate and 2 are assigned and 1 needs to be assigned.

The changes that made it into the draft did not go to the champions then to the SV WG for approval per the approved process.

A motion (Stu, Sutherland, Victor Berman) was made to approve issues 5, 6, 12, 17, 18, 19 and 20 as listed in LS1TF.

Our policy is to have all the changes proposed for the LRMs to be run through the champions group with or without respect to their ability to make technical comments on the technology. If the champions need additional technical expertise, the SV WG should be notified so we can find additional and appropriate expertise.

10 STATUS UPDATES FROM SYSTEMVERILOG TECHNICAL COMMITTEES

Karen Pieper indicated some feedback has been received on the ballot version, but no changes to the ballot version will be done based on this feedback.

11 STATUS UPDATE OF IEEE SYSTEMVERILOG LRM

Stu indicated that the P1800 LRM was completed on schedule. There were some typo errors when an additional clause for normative references was added. These were fixed and a new PDF file was generated. What do we call it? Chair Srouji directed that it be called Draft 4b.

For 1364, Shalom sent out another PDF. He sent out a version with and without change bars. There are some things that still need to be changed based on the IEEE review. The intro section with acknowledgements needs to be updated. This can be done by the chair or co-chair. The scope is missing and needs to match the PAR as well.

Action Request [Neil, Tom]: To update the draft with their input to fix these IEEE issues. Stu can help with the Framemaker if need be.

The other major 1364 IEEE editorial review comment is that in several places in the standard there are references to 1364-2001 standard and the comments were that those references must be taken out. This really cannot happen since this was -1995 information that was taken out and the -2001 reference needs to be there. There are about 200-300 pages of the 1364 LRM that are no longer maintained by the standard and the older versions are referenced for access to this information. For info on this old information, it really makes sense. It is vital information and the date-specific standard info is germane and needed.

Action Request [Noelle]: To take a look at the IEEE comment on the date-specific use and the things that should not be included. (Michelle's item 1D).

Action Request [Noelle]: The creation of separate graphics files may be an issues since it is in Framemaker format. Does this need to happen or not? Maybe some translation SW is available.

The IEEE editorial feedback also said some of the clauses have information that should not be included in a standard. But there were no specific examples of this. What is the specific editing that needs to be done?

A motion (Oz Levia, Dennis Brophy) send P1800 Draft 4b to ballot. The motion passed unanimously.

A motion (Victor Berman, Cliff Cummings) was made to approve 1364 Draft provided changes are made to add a scope to clause 1 per IEEE rules. The motion passed unanimously.

11.5 DISCUSSION ON CONTINUING THE SV* COMMITTEES

How do we handle interpretations of the specification? The groups will be busy until the next meeting, so this might not be an issue. After that, we may wish to form an interpretation committee.

12 DISCUSSION ON "GETTING READY FOR BALLOT"

Noelle reviewed the process to get official consensus on the document.

[Download Noelle's Presentation](#)

Action Request [Noelle Humenick]: How do we get non-voting members to review the spec and/or offer comments? Or, do we need to allow this?

Action Request [Dennis Brophy]: Contact Alec at Fintronics about his voting status.

Action Request [Noelle Humenick]: What do you do with negative ballots that have no comment?
Can this really be done?

We don't have to do anything with negatives without comments and we don't have to do a recirculation if there greater than 75% approval even with negative ballots without comment.

Action Request [Noelle]: Add a priority column in the spreadsheet.

Action Request [Noelle]: Remove/Hide the type of comment column.

13 REVIEW, MODIFICATIONS AND TRACKING OF P1800 WG SCHEDULE

Johny reviewed the process of what will be done after the ballot closes in a slide presentation.

[Download Johny's Presentation](#)

On 31 March 2004 the champions group will complete stage 1, they can meet before based on what would be best to handle comments.

After that the technical committees need to meet in stage 2 with resolutions. They should meet on 12 April 2005 for a face-to-face meeting to complete all issues.

Champions then meet in stage 3 once again to review their resolutions and vote to accept the issues on 15 April 2005.

In stage 4, the SV WG will meet on 19 April 2005.

Action Request [Karen Pieper]: Communicate the schedule and the need for face-to-face and/or telephone meeting.

Action Request [Johny Srouji]: Send Stu a copy of the P1364 PAR.

Action Request [Neil Korpusik]: Communicate the schedule to the 1364 group.

Noelle reviewed the detailed schedule. This began with a detailed look starting on line 54, ballot is 24 March 2005, as the beginning of schedule items.

Download Schedule [To be furnished later]

14 NEW BUSINESS

Who is presenting P1800 status at DATE?

Action Request [Oz Levia]: Present the SV WG update during the Accellera open membership meeting presentation.

15 NEXT MEETING

19 April 2005

IBM

Austin, TX USA

16 Adjournment

A motion (Oz Levia, Victor Berman) was made to adjourn. The meeting adjourned at 3:55 pm