

**IEEE SystemVerilog Working Group
UNAPPROVED MINUTES
3 April 2006
8:00 a.m. – 10:00 a.m. PST
Teleconference**

1. CALL TO ORDER

Chair Srouji called the meeting to order at 8:05 a.m. PST.

The roster of attendees is follows. Those IEEE SA Corporate Members who participate in the meeting today are recognized as voting members.

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	Accellera	Brad Pierce	DR	Yes	Yes
X	Bluespec	Rishyur Nikhil	DR	Yes	Yes
X	Cadence	Victor Berman	DR	Yes	Yes
X	IBM	Johny Srouji	DR	Yes	Yes
X	Intel	Yossi Levy	DR	Yes	Yes
X		Shalom Bresticker			
X	Mentor Graphics	Dave Rich	DR	Yes	Yes
X	Sun	Neil Korpusik	DR	Yes	Yes
X	Sunburst Design	Cliff Cummings	DR	Yes	Yes
X	Sutherland HDL	Stu Sutherland	DR	Yes	Yes
X	Synopsys	Steve Smith	DR	Yes	Yes
X	Fintronic USA	Alec Stanculescu	DR	Yes	Yes
	Staff				

AGENDA

- 1) Call to order - Introductions & Affiliations
- 2) Approve agenda
- 3) Call for Patents
- 4) Approval of 21 February 2006 tele-call meeting minutes
- 5) Brief update on the IEEE 1364 Verilog standard publication
- 6) Review and modification of PAR Draft that was prepared by the study group
- 7) New business
- 8) Next meeting (announce date, time, and location, if known)
- 9) Adjournment

2. APPROVE AGENDA

A motion (Victor Berman, Stuart Sutherland) was made to approve the agenda. The motion passed unanimously.

3. CALL FOR PATENTS

Chair Srouji read the required IEEE patent slides.

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

4. APPROVAL OF 21 FEBRUARY 2006 MEETING MINUTES

A motion (Victor Berman, Stuart Sutherland) was made to approve the meeting minutes. The motion passed. Brad abstained since he was not present at the 21-February-2006 meeting.

5. BRIEF UPDATE ON THE IEEE 1364 VERILOG STANDARD

Target date for IEEE publication of 1364 Verilog LRM is 7-April-2006. Shalom noted that the LRM introduction page needs updating.

ACTION Item: Stu to forward electronic copy to Victor and Neil for review and update.

6. REVIEW AND MODIFICATION OF PAR DRAFT

Intent for Verilog 1364 is to put on maintenance mode. For SystemVerilog, intent is to include local enhancements. The goal of creating a single LRM containing both Verilog 1364 and SystemVerilog 1800 content is also to be captured.

Discussion regarding the definition of what “merged LRM” means. It is understood this means a single LRM containing all of Verilog and SystemVerilog LRM content with appropriate, definition of single language to be referred to as SystemVerilog. The merge of the two LRMs may require local enhancements to the Verilog-2005 features. However, there will be no new Verilog LRM going forward.

A motion (Yossi Levy, Stuart Sutherland) was made to remove following text from section 13, Scope of Proposed Project of the draft PAR: “(changes to existing features of the language that do not require substantial revision of the current LRM)”

Discussion regarding definition of the term “local enhancements”. Suggestion to simplify the term used to just “enhancements” but to offer direct instructions to the technical committees that the intent is to focus on local enhancements only. Process for determining extent of enhancements and whether proposals are “local” or not should be decided at the technical committee level. If there are issues, bring it up to Champions. If it still cannot be resolved, pass it onto working group with recommendation. Working group can make decision as to whether an enhancement is appropriate or not.

A motion (Stuart Sutherland, Yossi Levy) was made to remove “local” from current draft of PAR. The motion passed unanimously.

A motion (Cliff Cummings, Yossi Levy) was made to apply the same process for issue resolution as is currently used for enhancements. Stu abstained. The motion passed.

A motion (Cliff Cummings, Steve Smith) was made to provide a statement to the technical committees from the Working Group to refine the language and not take it into new directions. Alec abstained. The motion passed.

A motion (Stu Sutherland, Cliff Cummings) was made to remove the following text from section 13, Scope of Proposed Project of the draft PAR “(modifications within the boundary of the SVA chapter)”. The motion passed unanimously.

The remainder of the current draft PAR was reviewed and minor errors were fixed. Chair Srouji will create an updated draft PAR to be distributed to Working Group members for review prior to a formal vote at the next meeting.

ACTION Item: Chair Srouji to fill in Box 16 in the draft PAR with reference to other documents with similar scope.

7. NEW BUSINESS

None.

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

Tuesday, 9 May 2006, 8:00 a.m. – 10:00 a.m. PST.

Teleconference

9. ADJOURNMENT

No further business before the Working Group, the meeting adjourned at 10:53 a.m. PST.