

Committee Status 05/24/07

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P1800 Technical Chair

SV-AC

- 4 Mantis items (1466, 1729, 1730, 1734) resolved since the 2007-04-03 status summary.
 - 1730 requires some non-technical changes to align to the clause numbering in Draft3.
- Mantis item 1641 (severity system tasks) passed by e-mail ballot and moved to SV-BC for their consideration.
- Draft3 review is underway
 - Feedback implementations for 0805, 0928, 1381, 1420, 1495, 1518
 - Minor editorial changes in Clause 16, Annex F
 - Other Draft3 reviewing assignments will be made at our next meeting
- Significant milestone reached by argument subcommittee, deliverables submitted to full committee for review:
 - Proposal for 1549
 - Formal semantics document

SV-AC – continued

- Mantis 1737 (incomplete fixes from 1381) was passed but reopened due to issues with 4-state semantics for inferred enabling conditions.
 - > An e-mail ballot is underway and will close on 2007-05-28.
- E-mail ballot on motion to move 1728 (let construct) to SV-BC failed.
 - > Numerous concerns expressed about the current draft referenced by the motion
- E-mail ballot on 1361 (control execution of action blocks) failed.
 - > Convergence seems likely in the near future
- E-mail ballot on 1648 (default reset) failed
 - > Semantic alignment with Verilog "if..else" 4-state needed
- E-mail ballot on 1674 (context value functions) failed
 - > Concern over mechanism for replacing default arguments
- 46 open mantis items for SV-AC as of 2007-05-22.
 - > 5 new items entered: 1199, 1768, 1800, 1804, 1806, 1833
 - > 41 old items

SV-BC

- We have a lot of work to do to clean up the merged LRM.
 - The editor fixed numerous small issues in draft 3 but larger issues remain.
 - Committee members have been assigned to high and most medium priority sections.
- SV-AC has pushed mantis 1641 to SV-BC. It has not yet been discussed in an SV-BC meeting due to draft 2/3 activity.
- Gordon has also been spear-heading some cross-committee work on name resolution rules.

SV-CC

- Held a 2-day F2F meeting in Chelmsford
 - > Gord was also in attendance
- Reviewing Draft 3
- Close to completing several major projects
 - > Compatibility
 - > Packed arrays
 - > Parameterized classes
- 109 New/Assigned Mantis items remaining
- 14 Mantis items in Resolved
- Extending our bi-weekly meeting by 30 minutes

SV-EC

- Mantis item 890 was passed unanimously
 - This mantis item consumed a lot of the sv-ec and sv-bc resources
- Mantis items since April 5th meeting
 - 1427, 1655, 1732, 1777, 1787 – all of these have passed
 - 1671 (duplicate of 1655)
 - 1371 – is very close to agreement
 - 1384 – will be going out for an email vote
- Good progress was made by conducting 2 large email votes
- Many mantis items do not yet have proposals (40+)
- Merge of LRMs
 - Assigned sections to committee members for a detailed review
 - Mantis proposals need to be made compatible with Draft 3
 - Editors notes need to be addressed

SV-XC

- The committee didn't provide a status update.

Champions

- Special meeting was held for mantis 890 (sv-ec)
 - There was one abstain
 - Details were provided at the continuation of the April 5th meeting
- Will start meeting on a more regular basis
 - Proposals need to be made compatible with Draft 3 of the LRM