

P1164 Working Group Meeting

22 June 2001

Hilton Conference Center, Las Vegas

Present

Peter Ashenden <peter@ashenden.com.au>, Chair

John Willis <jwillis@ftlsys.com>

Jim Lewis <jim@synthworks.com>

Chuck Swart <cswart@synopsys.com>

Gabe Moretti <gabe@dimensional.com>

Bob Klenke <rhklenke@vcu.edu>

Rick Munden <rick.munden@eda.org>

Stephen Bailey <sbailey@synopsys.com>

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Agenda

1. Welcome
2. Review of bylaws and procedures
3. Nominations for Secretary and Technical Editor
4. Technical work plan
5. Technical discussion
6. Future meetings
7. Close

1. Welcome

Peter outlined why a revision to the standard is required.

2. Review of bylaws and procedures

P1164 will operate according to inherited bylaws of DASC/CS-SAB/IEEE-SA. DASC membership required for voting in W/G. Voting by approval system. Votes will be by email (or for votes taken at in-person meetings, ratified by email).

3. Nominations for Secretary and Technical Editor

Call for nominations and vote on email list.

4. Technical work plan

Address “easy” issues for current revisio. Analyze change proposals, generate change specs with sample “use-case” designs. Draft new standard and do W/G review and ballot, then IEEE ballot. Peter to start formation of sponsor ballot group.

5. Technical discussion

Issue list (with analysis assignments):

- CP-001 Uncomment xnor operators (easy) — Done implicitly
- CP-002 Add shift operators for vector types (easy) — Greg Peterson
- CP-003 Add array/scalar logical operators (maybe) — Chuck Swart
- CP-004 Add capacitive drive strength (defer pending analysis)
- CP-005 Make vector result subtypes same as 1076 operators (maybe) — Bob Klenke
- CP-006 Add logical reduction operations/operators (maybe) — John Willis
- CP-007 Provide text I/O package for standard logic (easy) — Steve Bailey
- CP-008 Provide formatted I/O with selection of radix (maybe) — Steve Bailey
- CP-009 Provide 'image attribute (defer pending coordination with VASG)

6. Future meetings

Next meeting at FDL (Lyons, France, 7 September 2001). Draft change specs done by then.

7. Close