

Date – 12/7/2010

Attendees: CJ Clark, Carl Barnhart, Adam Cron, Ken Parker, Francisco Russi, Craig Stephan, Heiko Ehrenberg, Adam Ley, Dave Dubberke, Carol Pyron, Wim Driessen , Brian Turmelle

Missing with pre-excuse: Bill Tuthill and Mike Ricchetti

Missing : Roland Latvala, Lee Whetsel, Ted Eaton, Neil Jacobson, Bill Eklow

Agenda:

- 1) Required Patent Disclosure Slides
- 2) High-Level review of current changes in draft
- 3) Accept motions for where to put instructions and TDRs for clamp_hold/clamp_release
- 4) Discuss Elections for a upcoming WG meeting

Meeting Called to order at 11:00 am EST

Minutes:

The meeting was consumed by a discussion of where and how to document the new Clamp-Persistence capability within the document (To Annex or not to Annex....)

- CJ started from a compromise position of moving those items easy to integrate (Instructions and TDR) to the body and leaving the controller in the Annex.
- Carl affirmed his original position that use of the Annex simply put this entire change in one place, and possibly made it easier to use an overriding rule in the Annex rather than rewriting existing but affected rules in the body, minimizing the amount of editing work.
- Adam Ley asserted that nothing could be done in an Annex that could not be done in the body; that the Annex was just another chapter (clause). He asserted a position that it all should be integrated in the body and each part be treated the same way equivalent parts (controller, instructions, TDRs etc.) were already treated. He expressed no position on whether one rule could override existing rules without rewriting the existing rules.
- Ken requested that we look at a current non-invasive instruction (IDCODE, for example) and see how much might have to be changed. (CJ was having trouble with his internet connection and so was unable to actually do this.)
- Carol initiated a discussion of how the changes were to be highlighted within the document, since the changes were becoming so significant. CJ showed the section at the start of the Standard where changes are listed.
- Ken suggested that we ask the IEEE about publishing a “diff” document with all changes from the 2001 to eventual 2011 versions highlighted as a supplement to the final 2011 version. Ken took an action item to investigate that idea.
- CJ brought the discussion back to the issue of where to place the new Clamp Persistence descriptions.

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- Carl made a motion that all of the Clamp-Persistence capability be documented in the body. CJ offered an interpretation asserting that this would be done without rewriting the existing rules, using the wording that Carl had created for the overriding rules. Carl objected to that interpretation and withdrew his unseconded motion.
- Adam Ley, Adam Cron, Carl, CJ, Carol, and Ken had a spirited discussion and concluded that the issue of rewriting existing rules or not was a separate issue from where the documentation should be placed. CJ asserted he needed a resolution of both questions to move forward. It was agreed that the rewrite question needed a closer look.
- Adam Ley moved that the new capability be integrated in the body per his email: the controller requires a new clause, the instructions new sub-clauses, and the TDR a new clause. Carol seconded.
- Carl, in discussion of the motion, asked if the controller could be documented as a new sub-clause in a Clause 6 modified to include both controllers. For the purpose of the immediate motion, Adam refused but agreed to further discussions off-line.
- Adam Ley questioned whether the groups concern about causing significant re-numbering of clauses was overstated, pointing out that the 2001 revision caused extensive renumbering. Carl responded that there are a lot more dependencies between this Standard and other Standards and with tools than existed last time.
- A vote was taken and the motion passed with 2 No's, 2 Abstentions, 6 Yes's, and one Yes with the expressed objection to causing extensive chapter re-numbering.

Meeting adjourned: 12:00 EST.

Next Meeting: 12/14/2010 11:00 AM EST

NOTES:

None.

Current Issues listed and who will champion that issue.

1. Observe only. – Ken and Carl
1. Directionality linkage. - CJ
2. Power Pins. - Heiko
3. Pairing power pins with functional I/O - CJ
4. Sample / Capture. – Carol (Freescale) & Roland
5. TRST included in PCB level diagram. – Adam L.
6. Slow to Fall/Rise signaling issue – CJ
7. “No Connect” – Ken and Francisco.
8. Device ID – Still needs work
9. Low-Voltage self observe shorts coverage problem – JJ & Intel
10. Init – Carol & Carl

Action Items:

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- Ken to check with the IEEE about publishing an electronic supplemental “diff” version of the new Standard.

Weekly 1149.1 Meeting coordinates

1. Please join my meeting.

<https://www1.gotomeeting.com/join/172495048>

United States: +1 516 453 0012

Meeting ID: 172-495-048

Audio PIN: Shown after joining the meeting

2. Other call in numbers

Australia: +61 (0) 8 6365 4094

Canada: +1 416 800 9290

Germany: +49 (0) 898 7806 6462

Netherlands: +31 (0) 208 080 380

Sweden: +46 (0) 852 503 470

United Kingdom: +44 (0) 203 051 4835