

## 1450.4 meeting minutes – 08/10/11

**Attendees:** Ernie Wahl, Ajay Khoche, Jim O'Reilly

**Not present:** Markus Seuring, Oleg Erlich, Paul Reuter

### Agenda:

- IEEE Meeting Preamble (No discussion of proprietary information).
- Procedural issue: Agree how much more time (weeks; # of meetings) to spend on section 7.6. I'd like to finish this in 3 more meetings (end of August) - in the interest of forward progress. Anything not resolved by then will be tabled.
- Continue with discussion of section 7.6, Variables and Expressions. Focus on syntax of Limits data type (see attachment with recent email exchanges between Jim and Ernie, prompted by a question from Ajay)

### Summary:

- Procedural issue (deadline for completing section 7.6) – Agree, BUT, in order to do this, focus on missing functionality rather than syntax form issues that don't affect functionality.
  - Consensus: we've used red syntax document text to focus our attention. To speed up progress we encourage everyone who can, pick section 7.6 "Variables and Expressions" red text line numbers that represent missing functionality and be prepared to discuss alternatives.
  - With that in mind, the issue of whether to use parentheses or braces as block enclosures for the Limits statement, and whether or not to merge the Units attribute statement – already enclosed by braces – with the definition of the limits, is, for now, tabled. Syntax will remain as is (using parentheses for block enclosure, and keeping the Units attribute statement separate from the Limits definition).
- With respect to line numbers in syntax doc dated Aug. 10, 2011:
  - Line 2150: Consensus: The Limits syntax is not a Boolean expression hence each component, lower and upper limit, is an independent mathematical expression, either of which may or may not be quoted.
  - Line 2150: Consensus: There are differences: the Boolean equivalent must be either quoted or unquoted in its entirety and returns only True or False. The return value of Limits operator Check must be equal to FailMode::PASS to yield the same Boolean result.
  - Line 2180: Consensus: use attribute to constrain to Real specify Units None one parameter may refer to a previously initialized one
- Consensus: Example explanation lines, like line 2179, will automatically be turned blue from now on to reflect the lower level of scrutiny to be applied.
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### Actions:

- Jim to rework Verigy example from STIL paper so that the STIL translation is consistent with its original Verigy code.

**Reference documents** (If logged into your google account, can edit. If not, can only view.)

- [Current Draft Syntax Document](#)
- [Issues List](#)
- [Namespace resolution examples document](#)
- [Communications spread sheet](#) (scratchpad spreadsheet)
- [Communications word doc](#) (scratchpad word document)

**Next meeting:** 08/17/11

For reference STIL .4 information can be found at the IEEE STIL website: <http://grouper.ieee.org/groups/1450/> (select the [P1450.4](#) link from the table) or use the direct link <http://grouper.ieee.org/groups/1450/dot4/index.html>