1450.4 meeting minutes – 09/09/14

Attendees: Ernie Wahl, Jim O'Reilly, Ric Dokken, Scott Franzen , Carey Garrenton
Not present: Greg Maston, Paul Reuter, Scott Franzen , Markus Seuring, Oleg Erlich, Julia DiChiaro, Ajay Khoche, Mitsuo Fujii

Agenda:
- Vote on disposal of flow-variable member function isDefined()
- Review section *6.11.3.2 Shared Global Variable Memory*, special attention to initialization sequence.
- Data-capture (delayed pending Mentor Graphics input):
  - Review proposal:
    - Consider separating data-capture from manipulation (extract serial or parallel data) from interpretation.
    - Try using existing data-types before creating new ones.
    - See Jim O'Reilly email dated Tue 8/26/2014 12:16 AM
  - Review ramifications of making *captureMemArm* a function returning a Boolean value (section 6.8 and 6.6.4). See line 2268 (17 of example), i.e., define as both *function* and *action*? Would defining a standard test that captures fail memory (and compares signatures?) preclude having to address the previous question?
- Review Annex G Block Sequence
- Review Annex B Name Spaces
- Seeking help with coding examples: writing coding examples is an excellent way to spot documentation shortcomings. More participation equals more scrutiny. A complete production test program would be useful.
- Review Syntax Document organization and general content in light of emails:
  - Ric Dokken Sat 5/17/2014 4:09 PM
  - Jim O'Reilly Mon 5/19/2014 12:45 PM
  - Ric Dokken Tuesday, May 20, 2014 3:52 PM
  - Jim O'Reilly Tue 5/20/2014 10:57 PM

Summary:
Line numbers if any are with regard to STIL.4 syntax document dated Sept. 08, 2014.
- SUGGESTION: limit time allotted to resolve Mentor Data Capture requirements: by Oct 7. AGREED.
- ADDRESS ISSUE unresolved from previous session: define semantics of specvar == None
- Section 6.7.10, Operators and Member Functions, line 3535, Table 14
  - CONSENSUS: remove isDefined() and references
- 6.11.3.2 Shared Global Variable Memory**, l**ine 5839:
  - CONSENSUS: Keep item "a", remove items "b" through "f". Edit section for conciseness, now that bullet points have been dropped.

Action Items:
- Jim to arrange discussion with Mentor Graphics regarding data capture/fail memory analysis capability currently in P1450.4 for MBIST/memory repair flows. This will either be as a part of a regular P1450.4 WG meeting, or a separate conference call. If the latter, Jim to provide summary of discussions to WG.

Reference documents (If logged into your google account, can edit. If not, can only view.)
- http://spreadsheets.google.com/ccc?key=0AoKiPr1I9LY9dF95dkhSTVVqOU5GbWJyWFNhY0JPX0E&hl=en
- Namespace resolution examples document: http://docs.google.com/Doc?docid=0AYKiPr1I9LY9ZGY4dmNjNTNfMGZkOGJ2bmZy&hl=en
- Scratchpad spreadsheet: https://spreadsheets0.google.com/ccc?key=tQ93VDnAZ-Cl9RFKpPrPDzw&authkey=COzyro8K&hl=en&authkey=COzyro8K#gid=0
- Scratchpad "Word" doc: https://docs1.google.com/document/d/1zVu2M8nTJsrm0nFbBhiuM8-YRt4ErYqdy_uSa3x3_T4/edit?authkey=CLrgwrsG#

Next meeting: 09/16/14.

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