

1450.4 meeting minutes – 05/27/14

Attendees: Ernie Wahl, Jim O'Reilly, Ric Dokken

Not present: Paul Reuter, Markus Seuring, Oleg Erlich, Julia DiChiaro, Ajay Khoche, Mitsuo Fujii,

Agenda:

- Is section 6.5.1 *SignalMap* stable, i.e., ready for integration? Ref Ric Dokken email Tue 5/20/2014 6:34 PM, Jim O'Reilly email Tue 5/20/2014 10:36 PM
- Review *Appendix A Recommendations* in light of dedicated variables/functions discussion. Ref Ric Dokken email: Sat 5/17/2014 3:42 PM
- Review, possibly remove, section 6.10.2 *Standard Global Variables*.
- Refine wording: a "STIL.4 compliant" reader shall read all legal STIL.4 syntax, adjoining STIL.0/2 syntax with or without STIL.4 extensions. Supported syntax shall be handled in accordance with specified semantics. A writer's output shall be readable by a STIL.4 compliant reader.
- Section 6.11.3.2, ref STIL.1/STIL.4 shared memory, special attention to initialization sequence.
- Review Annex B Name Spaces
- Review Annex C Event Sequence
- Review Annex F Block Sequence
- 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.

Summary:

Line numbers if any are with regard to STIL.4 syntax document dated May 26, 2014.

- Long discussion about required test program variables (i.e., X/Y coordinates, device ID, test temperature): should these be required (i.e., every STIL program must contain them), and if so, how these would get initialized? (assigning constant values, function calls)?
 - Ric's position is that the NAMES of these variables are less important than the functions used to retrieve such values, and that such function calls should be made in test program code, NOT to initialize the variables. The reason for this is that without defining WHEN such initialization happens (i.e., at start-of-lot, start-of-wafer, start-of-device-test) relative to event sequences of external equipment (handlers, probers, temperature forcing equipment), inconsistencies can arise.
 - **ACCEPTED:** Discussed special-purpose variables vs functions: **variables acceptable as part of appendix but not formal standard.**
- Section 6.5.4 "Wafer Map" and 6.5.5 "Prober/Handler Interface": Delete, and state in section 1.1 Scope that these items are specifically NOT addressed by this standard.

Action Items:

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-CI9RfKpPrPDzw&authkey=COzyro8K&hl=en&authkey=COzyro8K#gid=0>
- Scratchpad "Word" doc: https://docs1.google.com/document/d/1zVu2M8nTJsrn0nFbBhiuM8-YRt4ErYqdy_uSa3x3_T4/edit?authkey=CLrgwrsG#

Next meeting: 06/03/14.

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>