

[Email This Letter](#)

29 March 2004

Rohit Kapur  
Synopsys Inc.  
700 East Middlefield Road  
Mountain View, CA 94043  
rkapur@synopsys.com

Re: P1450.4 - Standard for Extensions to Standard Test Interface Language (STIL) (IEEE Std. 1450-1999) for Test Flow Specification

Dear Rohit:

I am pleased to inform you that on 25 March 2004 the IEEE-SA Standards Board approved the above referenced project until 31 December 2008. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/1450-4.pdf>.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2i under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

For your convenience, an Excel spreadsheet for your use has been posted on our website at <http://standards.ieee.org/guides/par/roster.xls>. Please forward this list to me via e-mail at [j.haasz@ieee.org](mailto:j.haasz@ieee.org) no later than 23 June 2004.

Please visit our website, IEEE Standards Development Online (<http://standards.ieee.org/resources/development/index.html>), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

If you should have any further questions, please contact me at 732-562-6367 or by email at [j.haasz@ieee.org](mailto:j.haasz@ieee.org).

Sincerely,

Jodi Haasz  
Program Manager  
International Stds Programs and Governance  
Standards Activities  
Phone +1 732 562 6367  
FAX +1 208 460 5300  
Email: [j.haasz@ieee.org](mailto:j.haasz@ieee.org)

cc: [dave\\_dowding@agilent.com](mailto:dave_dowding@agilent.com), [t.taylor@ieee.org](mailto:t.taylor@ieee.org)

# PAR FORM

**PAR Status:** New PAR

**PAR Approval Date:** 2004-03-25

**PAR Signature Page on File:** Yes

**1. Assigned Project Number:** 1450.4

**2. Sponsor Date of Request:** 2004-02-03

**3. Type of Document:** Standard for

**4. Title of Document:**

**Draft:** Standard for Extensions to Standard Test Interface Language (STIL) (IEEE Std. 1450-1999) for Test Flow Specification

**5. Life Cycle:** Full-Use

**6. Type of Project:**

**6a. Is this an update to an existing PAR?** No

**6b. The Project is a:** New Standard

**7. Working Group Information:**

**Name of Working Group:** STIL Flow Working Group

**Approximate Number of Expected Working Group Members:**10

**8. Contact information for Working Group Chair:**

**Name of Working Group Chair:** Dave Dowding

**Telephone:** 970-635-6928 **FAX:** 970-679-5300

**Email:** dave\_dowding@agilent.com

**9. Contact information for Co-Chair/Official Reporter, Project Editor or Document Custodian if different from the Working Group Chair:**

**Name of Co-Chair/Official Reporter, Project Editor or Document Custodian:** Tony Taylor

**Telephone:** 650-584-5684 **FAX:** 650-584-4128

**Email:** t.taylor@ieee.org

**10. Contact information for Sponsoring Society or Standards Coordinating Committee:**

**Name of Sponsoring Society and Committee:** Computer Society Test Technology

**Name of Sponsoring Committee Chair:** Rohit Kapur

**Telephone:** 650-584-1487 **FAX:** 650-584-4128

**Email:** rkapur@synopsys.com

**Name of Liaison Rep. (if different from the Sponsor Chair):**

**Telephone:** **FAX:**

**Email:**

**Name of Co-Sponsoring Society and Committee:**

**Name of Co-Sponsoring Committee Chair:**

**Telephone:** **FAX:**

**Email:**

**Name of Liaison Rep. (if different from the Sponsor Chair):**

**Telephone:** **FAX:**

**Email:**

**11. The Type of ballot is:** Individual Sponsor Ballot

**Expected Date of Submission for Initial Sponsor Ballot:** 2004-09-01

**12. Fill in Projected Completion Date for Submittal to RevCom:** 2004-12-01

**Explanation for Modified PAR that completion date is being extended past the original four-year life of the PAR:**

**13. Scope of Proposed Project:**

Define structures in STIL for specification of the order of execution of test program components. Define structures in STIL such that test flows are specified in a structured manner to facilitate automated modification or maintenance. Define structures in STIL for specifying a common interface between the flow environment and test program components. Define structures in STIL for defining flow related variables and expression processing that is managed by the flow. Create in STIL examples of a test program components for the purpose of illustrating the key features of the interface. An example of a typical set of test program components shall be developed to model and demonstrate the flow methodology and common Flow-Test interface being proposed with this supplement. A set of test program components is to be developed by a separate working group (P1450.5). Define structures in STIL that provide for a hierarchy of flow and test component modules. Examples of the need for hierarchy in STIL is in support of sub-flows and binning.

**Is the completion of this document contingent upon the completion of another document?** Yes

The syntax of P1450.4 may need to use constructs now being finalized in P1450.1. It is anticipated that P1450.1 will be approved in advance of this project.

**14. Purpose of Proposed Project:**

STIL is the standard for the interchange of digital test data from the test generation environment (where a great deal of design information is used to generate device tests) to the test and manufacturing environment. The STIL standard initially addressed the essential digital test description information (i.e., signals, timing, vectors and parameter specifications). Other aspects needed for testing devices were to follow in extension activities such as this standard to address test flow extensions to STIL. This extension will provide the constructs to describe the test program flow and sequencing data needed to compose a test program to run on an Automatic Test Equipment platform.

**14a. Reason for the standardization project:**

This standard will facilitate the use of STIL on automatic test equipment.

**15. Intellectual Property:**

**Has the sponsor reviewed the IEEE patent policy with the working group?** Yes

**Is the sponsor aware of copyrights relevant to this project?** No

**Is the sponsor aware of trademarks relevant to this project?** No

**Is the sponsor aware of possible registration of objects or numbers due to this project?** No

**16. Are there other documents or projects with a similar scope?** No

**Similar Scope Project Information:**

**17. Is there potential for this document (in part or in whole) to be adopted by another national , regional or international organization?** Do not Know

**If yes, please answer the following questions:**

**Which International Organization/Committee?**

**International Contact  
Information?**

**18. If the project will result in any health, safety, or environmental guidance that affects or applies to human health or safety, please explain in five sentences or less.**

**19. Additional Explanatory Notes: (Item Number and Explanation)**

This PAR is to re-continue the P1450.4 effort that was temporarily terminated by IEEE in 2003.