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09 December 2005

Leslie A Orlidge  
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New Freedom, PA 17349  
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Re: P1641a - Standard for Signal and Test Definition - Amendment 1: Enhancement of Measurement Capabilities and Technical Corrections

Dear Leslie:

I am pleased to inform you that on 07 December 2005 the IEEE-SA Standards Board approved the above referenced project until 31 December 2009. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/1641a.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 07 March 2006.

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  
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International Stds Programs and Governance  
Standards Activities  
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CC: [ion@tyx.com](mailto:ion@tyx.com), [ashley.hulme@ieee.org](mailto:ashley.hulme@ieee.org)

# PAR FORM

**PAR Status:** Amendment of Standard

**PAR Approval Date:** 07 December 2005

**PAR Signature Page on File:** Yes

**1. Assigned Project Number:** P1641a

**2. Sponsor Date of Request:** 2005-10-01

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

**4. Title of Document:**

**Draft:** Standard for Signal and Test Definition - Amendment 1: Enhancement of Measurement Capabilities and Technical Corrections

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

**6. Type of Project:**

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

**6b. The Project is a:** Amendment to Std 1641-2004

**7. Working Group Information:**

**Name of Working Group:** Test and ATS Description Working Group

**Approximate Number of Expected Working Group Members:**15

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

**Name of Working Group Chair:** Ion A Neag

**Telephone:** 703-264-1080 **FAX:** 703-264-1090

**Email:** ion@tyx.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:** Ashley M.B Hulme

**Telephone:** +441020872503 **FAX:**

**Email:** ashley.hulme@ieee.org

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

**Name of Sponsoring Society and Committee:** SCC20-Test and Diagnosis for Electric Systems  
Test and Diagnosis for Electric Systems

**Name of Sponsoring Committee Chair:** Leslie A Orlidge

**Telephone:** 410-628-6634 **FAX:** 410-628-3968

**Email:** orlidge@aaicorp.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:** January 2007

**12. Projected Completion Date for Submittal to RevCom:** June 2007

**Target Extension Request Information for a Modified PAR whose completion date is being extended past the original four-year life of the PAR:**

**13. Scope of Proposed Project:**

The means to define and describe signals used in testing has been identified in IEEE Std 1641-2004. This amendment corrects and enhances various definitions within the standard.

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

No

**14. Purpose of Proposed Project:**

The purpose of the standard is to provide a common signal reference for use throughout the life cycle of a unit under test or test system. The purpose of the amendment is to resolve issues discovered during use and to improve the usability of the standard.

**15. Reason for the Proposed Project:**

During various implementations it was discovered that certain aspects of the standard are not adequately defined. The corrections and enhancements of definitions will enable wider use of the standard. The major stakeholders will be the electronics test industry including (but not limited to) Avionics, Military, and Commercial equipment manufacturers and maintainers.

**16. Intellectual Property:**

**a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?** Yes 2005-09-30

**b. Is the sponsor aware of copyright permissions needed for this project?** No

**c. Is the sponsor aware of trademarks that apply to this project?** No

**d. Is the sponsor aware of possible registration activity related to this project?** No

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

**Similar Scope Project Information:**

**18. Is there potential for this document (in part or in whole) to be adopted by another national , regional or international organization? Yes**

**If yes, the following questions must be answered:**

**Organization Name?** IEC TC93 WG7

**Technical**

**Committee**

**International** Narayanan Ramachandran

**Contact** TYX Corporation

**Information?** 1910 Association Drive, 2nd floor

Reston, VA 20191-1502

rn@tyx.com

**19. Will this project result in any health, safety, or environmental guidance that affects or applies to human health or safety? No**

**If yes, please explain:**

**20. Sponsor Information**

**a. Is the scope of this project within the approved/scope/definition of the Sponsor's Charter? Yes**

**If no, please explain:**

**b. The Sponsor's procedures have been accepted by the IEEE-SA Standards Board Audit Committee? Yes**

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