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08 June 2006

Leslie A Orlidge  
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2 Apple Road  
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Re: P1636.2 - Software Interface for Maintenance Information Collection and Analysis (SIMICA): Exchanging Maintenance Action Information via the Extensible Markup Language (XML).

Dear Leslie:

I am pleased to inform you that on 08 June 2006 the IEEE-SA Standards Board approved the above referenced project until 31 December 2010. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/1636-2.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 [s.hampton@ieee.org](mailto:s.hampton@ieee.org) no later than 06 September 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 +1 732 562 6003 or by email at [s.hampton@ieee.org](mailto:s.hampton@ieee.org).

Sincerely,

Sherry Hampton  
Administrator, Governance  
Standards Activities  
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CC: [mark.kaufman@navy.mil](mailto:mark.kaufman@navy.mil)

**PAR Request Date:** 27 April 2006**PAR Approval Date:** 08 June 2006**PAR Signature Page on File:** Yes**Type of Project:** New IEEE Standard**Status:** PAR for a New IEEE Standard**Root Project/PAR:****1.1 Project No.:** **P1636.2****1.2 Type of Document:** Standard**1.3 Life Cycle:** Trial-Use**1.4 Is this document in ballot now?** No**2.1 Title**

Software Interface for Maintenance Information Collection and Analysis (SIMICA): Exchanging Maintenance Action Information via the Extensible Markup Language (XML).

**2.1 Amendment/Corrigenda Title****3.1 Working Group Name** [Diagnostic and Maintenance Control Working Group](#)**Working Group Chair**  
[Kaufman Mark](#)  
Phone: 951-273-5725  
Email: mark.kaufman@navy.mil**Working Group Vice Chair****3.2 Sponsor** [Test and Diagnosis for Electric Systems Test and Diagnosis for Electric Systems \(SCC20\)](#)**Sponsor Chair**  
[Orlidge A Leslie](#)  
Phone: 410-628-6634  
Email: orlidge@aaicorp.com**3.3 Joint Sponsor****4.1 Type of Ballot:** Individual**4.2 Expected Date of Submission for Initial Sponsor Ballot:** 2008-06-00**4.3 Projected Completion Date for Submittal to RevCom:** 2008-12-00**5.1 Approximate number of people expected to work on this project:** 15**5.2 Scope:** The scope of this standard is the definition of an exchange format, utilizing XML, for exchanging maintenance action information associated with the removal, repair, and replacement of system components to maintain/support an operational system.**5.3 Is the completion of this document contingent upon the completion of another document?** No**5.4 Purpose:** The purpose of this standard is to promote and facilitate interoperability between components of a test system and applications in a maintenance environment where maintenance action information needs to be shared. The standard will facilitate the capture and exchange of unit under test-specific maintenance information, facilitating online and offline analysis of the maintenance process. The maintenance action schema defines a class of information to be used within the SIMICA family of standards..

**5.5 Need for the Project:** Maintainers of complex systems require the ability to capture and share maintenance action information in a way that supports such activities as performance analysis, post production product improvement, maintenance process improvement, and diagnostic maturation. Principal stakeholders of this project include but are not limited to maintenance organizations within various Departments/Ministries of Defense, the commercial airlines, the automotive industry, and the telecommunications industry. This standard is being developed as a component of the IEEE P1636 SIMICA project. SIMICA's purpose is to specify software interfaces for access, exchange, and analysis of product diagnostic and maintenance information. Maintenance action information provides a subset of the data needed to satisfy SIMICA requirements. This standard also represents a "closed loop diagnostic" component of the "Automatic Test Markup Language (ATML) for Exchanging Automatic Test Equipment and Test Information via XML" proposed Standard (IEEE P1671). In defining its overall architecture, P1671 will reference both P1636 and P1636.2.

**5.6 Stakeholders for the Standard:** Principal stakeholders of this project include but are not limited to maintenance organizations within various Departments/Ministries of Defense, the commercial airlines, the automotive industry, and the telecommunications industry.

**6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes**    **Presented Date:** 2006-04-24

If no, please explain:

**6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No**

If yes, please explain:

**6.1.c. Is the Sponsor aware of possible registration activity related to this project? No**

If yes, please explain:

**7.1 Are there other standards or projects with a similar scope? No**

If yes, please explain:

**Sponsor Organization:**

**Project/Standard Number:**

**Project/Standard Date:** 0000-00-00

**Project/Standard Title:**

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

**Technical Committee Name and Number:** IEC TC93 WG7

**Contact person:** [Narayanan Ramachandran](#)

**Contact person Phone Number:** 703-264-1080 x120

**Contact person Email Address:** rn@tyx.com

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

**7.4 Additional Explanatory Notes:**

**8.1 Sponsor Information:**

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

If no, please explain: