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06 December 2006

Paul R Croll  
Computer Sciences Corporation  
5166 Potomac Drive  
King George, VA 22485-5824  
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Re: P16085 - Systems and Software Engineering-Life Cycle Processes-Risk Management

Dear Paul:

I am pleased to inform you that on 06 December 2006 the IEEE-SA Standards Board approved the above referenced project until 31 December 2007. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/16085.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 March 2007.

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  
Phone +1 732 562 6003  
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CC: charette@itabhi.com

**PAR Request Date:** 06 October 2006**PAR Approval Date:** 06 December 2006**PAR Signature Page on File:** Yes**Type of PAR:** Modification to Approved PAR**Status:** Modification to a Previously Approved PAR for the Revision of a Standard - P16085, 04 March 2005**Root Project:** IEEE Std 16085-0**1.1 Project No.:** **P16085****1.2 Type of Document:** Standard**1.3 Life Cycle:** Full-Use**1.4 Is this document in ballot now?** Yes**2.1 Title**

Systems and Software Engineering-Life Cycle Processes-Risk Management

**2.1 Amendment/Corrigenda Title****3.1 Working Group Name**[Software Life Cycle Processes - Risk Management Working Group](#)**Working Group Chair**[Charette, Robert N](#)

Phone: 540-972-8150

Email: charette@itabhi.com

**Working Group Vice Chair****3.2 Sponsor**[IEEE Computer Society Software & Systems Engineering Standards Committee \(C/S2ESC\)](#)**Sponsor Chair**[Croll, Paul R](#)

Phone: 540-644-6224

Email: pcroll@csc.com

**Name of Standards Liaison Representative (if applicable)****3.3 Joint Sponsor****4.1 Type of Ballot:** Individual**4.2 Expected Date of Submission for Initial Sponsor Ballot:** January 2004**4.3 Projected Completion Date for Submittal to RevCom:** June 2005**5.1 Approximate number of people expected to work on this project:** 20**5.2 Scope:** This project is being performed jointly with ISO/IEC JTC 1/SC 7. As a result of balloting in ISO, the statement of scope was modified as follows: "This standard describes a process for the management of risk during systems or software acquisition, supply, development, operations, and maintenance."**Old Scope:** Additions to the previously approved scope are shown in brackets: "The scope of the original standard is: This standard will describe a process for the management of risk during [systems and] software development, operations and maintenance. It will be consistent with IEEE/EIA 12207 [and IEEE Std 15288]. The revision is being performed jointly with ISO/IEC JTC1/SC7. The scope of the revision is to resolve the issues raised during the fast-track ballot of IEEE 1540 (DIS 16085)."**5.3 Is the completion of this document contingent upon the completion of another document?** No

**5.4 Purpose:** As a result of balloting in ISO, the statement of purpose was modified as follows: "The purpose of this standard is to provide suppliers, acquirers, developers, and managers with a single set of process requirements suitable for the management of a broad variety of risks. This standard does not provide detailed risk management techniques, but instead focuses on defining a process for risk management in which any of several techniques may be applied."

**Old Purpose:** Additions to the previously approved purpose are shown in brackets: "The purpose of the original standard is: The purpose of this standard is to provide acquirers and developers with a single unifying risk management process that is suitable for use in conjunction with IEEE/EIA 12207 [and IEEE Std 15288]. The standard will not provide detailed risk management techniques, but will instead focus on a process for risk management in which any of several techniques might be applied. The standard will address risk management from the viewpoint of enterprise management, rather than from the viewpoint of the particular project. The standard is being revised so that it may be jointly adopted by IEEE and by ISO/IEC JTC1/ SC7."

**5.5 Need for the Project:** The purpose of the current project is to synchronize with ISO/IEC JTC1/SC7 so that it and IEEE do not have different competing standards on the subject of risk management. The Software & Systems Engineering Standards Committee (S2ESC) has the scope of software engineering and systems engineering. By broadening the scope of the standard, we appeal to more of the stakeholders of S2ESC standards rather than to a subset of them. These stakeholders include software engineers, software team leads, software project managers as well as systems engineers, system designers, system architects, system project managers and system program managers.

**5.6 Stakeholders for the Standard:** The stakeholders include software engineers, software team leads, software project managers as well as systems engineers, system designers, system architects, system project managers and system program managers.

**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:** 2003-05-15

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:**

Only the ISO counterpart document with which we are converging: ISO/IEC 16085.

**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:** ISO/IEC JTC1 SC7 WG7

**Contact person:** [James W Moore](#)

**Contact person Phone Number:** +1 703 983 7396

**Contact person Email Address:** james.w.moore@ieee.org

**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:**

This project is being performed jointly with ISO/IEC JTC 1/SC 7. In ISO, scope and purpose are controlled by national body balloting. To resolve comments made in ISO balloting, we needed to change the scope and purpose in the draft. This PAR revision "catches up" with those changes. 7.2 The answer is "Yes" because of the joint activity on this project.

**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: