



Sherry
Hampton/STDS/STAFF/
US/IEEE

10/02/2007 09:46 PM

To pcroll@csc.com

cc james.w.moore@ieee.org, Malia Zaman/STDS/STAFF/US/IEEE,

bcc

Subject Approval of Project - P15288

02 October 2007

Paul R Croll
Computer Sciences Corporation
5166 Potomac Drive
King George, VA 22485-5824
pcroll@csc.com

Re: P15288 - Standard for Systems and Software Engineering — System life cycle processes

Dear Paul:

I am pleased to inform you that on 27 September 2007 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/15288.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"

Rosters can be submitted in any format to the NesCom Administrator (nescom-admin@ieee.org). Please forward this list to the NesCom Administrator via e-mail at nescom-admin@ieee.org no later than 26 December 2007.

Or, for your convenience, you can manage your standards development roster in myProject.

Instructions are as follows:

- Go to myProject - <https://development.standards.ieee.org/my-site>
- Login using your IEEE Web Account username and password.
- Once logged into myProject, go to "Manage Committees"
- Drill down to the project by clicking the (+) on the left to expand each level. The actual project will be highlighted in yellow
- Click "Manage Committees" for that project. A list of individuals enrolled in the Committee/Project will appear. On this screen you can assign whether a person is a Participant, a Non-Voting Member or a Voting Member of the project group. You may also view contact information for that individual.

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 questions, please contact the NesCom Administrator via e-mail at nescom-admin@ieee.org or via telephone at +1 732 562 3806.

Sincerely,

NesCom Admin
Standards Activities
Email: nescom-admin@ieee.org

PAR Request Date: 16 July 2007**PAR Approval Date:** 27 September 2007**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 - P15288, 16 March 2006**Root Project:** IEEE Std 15288-2004**1.1 Project No.:** **15288****1.2 Type of Document:** Standard**1.3 Life Cycle:** Full-Use**1.4 Is this document in ballot now?** No**2.1 Title**

Standard for Systems and Software Engineering — System life cycle processes

3.1 Working Group Name [Working Group for Life Cycle Processes](#)**Working Group Chair**[Moore, James W](#)

Phone: +1 703 983 7396

Email: james.w.moore@ieee.org

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:** May 2006**4.3 Projected Completion Date for Submittal to RevCom:** December 2007**5.1 Approximate number of people expected to work on this project:** 25

5.2 Scope: This International Standard establishes a common framework for describing the life cycle of systems created by humans. It defines a set of processes and associated terminology. These processes can be applied at any level in the hierarchy of a system's structure. Selected sets of these processes can be applied throughout the life cycle for managing and performing the stages of a system's life cycle. This is accomplished through the involvement of all interested parties with the ultimate goal of achieving customer satisfaction. This International Standard also provides processes that support the definition, control and improvement of the life cycle processes used within an organization or a project. Organizations and projects can use these life cycle processes when acquiring and supplying systems. This International Standard concerns those systems that are man-made and may be configured with one or more of the following: hardware, software, data, humans, processes (e.g. processes for providing service to users), procedures (e.g. operator instructions), facilities, materials and naturally occurring entities. When a system element is software, the software life-cycle processes documented in ISO/IEC 12207:2007 may be used to implement that system element. The two standards are harmonized for concurrent use on a single project or in a single organization. When the system element is hardware, refer to other international standards outside the scope of SC7.

Old Scope: IEEE previously adopted ISO/IEC 15288 as IEEE 15288:2005. ISO/IEC JTC 1/SC 7 is now revising the document that we adopted. This project will permit IEEE to provide comments to the revision and adopt the result. The scope of the document is unchanged from the previous version: "This International Standard establishes a common framework for describing the life cycle of systems created by humans. It defines a set of processes and associated terminology. These processes can be applied at any level in the hierarchy of a system's structure. Selected sets of these processes can be applied throughout the life cycle for managing and performing the stages of a system's life cycle. This is accomplished through the involvement of all interested parties with the ultimate goal of achieving customer satisfaction."

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

Under our coordination agreement with ISO/IEC JTC 1/SC 7, both the ISO/IEC revision project and the IEEE project will complete at the same time.

5.4 Purpose: The purpose of this International Standard is to provide a defined set of processes to facilitate communication among acquirers, suppliers and other stakeholders in the life cycle of a system. This International Standard applies to organizations in their role as both acquirers and suppliers. It can be used by a single organization in a self-imposed mode or in a multi-party situation. Parties can be from the same organization or from different organizations and the situation can range from an informal agreement to a formal contract. The processes in this International Standard can be used as a basis for establishing business environments, e.g. methods, procedures, techniques, tools and trained personnel. Annex A provides normative direction regarding the tailoring of these system lifecycle processes.

Old Purpose: IEEE previously adopted ISO/IEC 15288 as IEEE 15288:2005. ISO/IEC JTC 1/SC 7 is now revising the document that we adopted. The purpose of this project is to permit IEEE to provide comments to the revision and adopt the result.

5.5 Need for the Project: IEEE previously adopted ISO/IEC 15288 as IEEE 15288:2005. ISO/IEC JTC 1/SC 7 is now revising the document that we adopted. This project will permit IEEE to adopt the revised standard when it is completed. The stakeholders for the project are organizations that perform system and software development and who are interested in defining and improving their processes.

5.6 Stakeholders for the Standard: Software engineers, systems engineers, and the organizations that employ them or acquire products produced by them.

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: 2006-01-08

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? ? No

Technical Committee Name and Number:

Contact person:

Contact person Phone Number:

Contact person Email Address:

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:

The requested changes are not substantive. They amount to rearranging Clause 1 to agree with the editing conventions and rules of both IEEE and ISO/IEC.

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:

[Email This Letter](#)

20 March 2006

Paul R Croll
Computer Sciences Corporation
5166 Potomac Drive
King George, VA 22485-5824
pcroll@csc.com

Re: P15288 - Systems Engineering -- System Life Cycle Processes

Dear Paul:

I am pleased to inform you that on 16 March 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/15288.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 no later than 14 June 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.

Sincerely,

Jodi Haasz
Program Manager
International Stds Programs and Governance
Standards Activities
Phone +1 732 562 6367
FAX +1 732 875 0695
Email: j.haasz@ieee.org

CC: james.w.moore@ieee.org

PAR FORM

PAR Status: Revision PAR
PAR Approval Date: 16 March 2006
PAR Signature Page on File: Yes

1. Assigned Project Number: P15288

2. Sponsor Date of Request: 2006-01-09

3. Type of Document: Standard for

4. Title of Document:

Draft: Systems Engineering -- System Life Cycle Processes

5. Life Cycle: Full-Use

6. Type of Project:

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

6b. The Project is a: Revision of Std 15288-2004

7. Working Group Information:

Name of Working Group: Working Group for Life Cycle Processes

Approximate Number of Expected Working Group Members:5

8. Contact information for Working Group Chair:

Name of Working Group Chair: James W Moore

Telephone: +1 703 983 7396 **FAX:** +1 703 983 1279

Email: james.w.moore@ieee.org

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:

Telephone: FAX:

Email:

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

Name of Sponsoring Society and Committee: IEEE Computer Society Software & Systems Engineering Standards Committee

Name of Sponsoring Committee Chair: Paul R Croll

Telephone: 540-644-6224 **FAX:** 540-663-0276

Email: pcroll@esc.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: May 2006

12. Projected Completion Date for Submittal to RevCom: May 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:

IEEE previously adopted ISO/IEC 15288 as IEEE 15288:2005. ISO/IEC JTC 1/SC 7 is now revising the document that we adopted. This project will permit IEEE to provide comments to the revision and adopt the result. The scope of the document is unchanged from the previous version: "This International Standard establishes a common framework for describing the life cycle of systems created by humans. It defines a set of processes and associated terminology. These processes can be applied at any level in the hierarchy of a system's structure. Selected sets of these processes can be applied throughout the life cycle for managing and performing the stages of a system's life cycle. This is accomplished through the involvement of all interested parties with the ultimate goal of achieving customer satisfaction."

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

Under our coordination agreement with ISO/IEC JTC 1/SC 7, both the ISO/IEC revision project and the IEEE project will complete at the same time.

14. Purpose of Proposed Project:

IEEE previously adopted ISO/IEC 15288 as IEEE 15288:2005. ISO/IEC JTC 1/SC 7 is now revising the document that we adopted. The purpose of this project is to permit IEEE to provide comments to the revision and adopt the result.

15. Reason for the Proposed Project:

IEEE previously adopted ISO/IEC 15288 as IEEE 15288:2005. ISO/IEC JTC 1/SC 7 is now revising the document that we adopted. This project will permit IEEE to adopt the revised standard when it is completed. The stakeholders for the project are organizations that perform system and software development and who are interested in defining and improving their processes.

16. Intellectual Property:

- a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?** Yes 2006-01-08
- b. Is the sponsor aware of copyright permissions needed for this project?** Yes
The previous adoption incorporated an informative annex based in part on the manuscript of a forthcoming book. It is likely that similar material will be appropriate in this adoption. The author is willing to provide the material and will provide an appropriate permission letter.
- 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? Yes

IEEE Std 1220 has a scope subsumed by ISO/IEC/IEEE Std 15288. It is distinct, however, because it describes a particular application of the reference processes provided by 15288.

Similar Scope Project Information:

SimSP: C/S2ESC SimProjNo: 1220 SimProjD: 09 Sep 2005 SimTitle: IEEE Standard for Application and Management of the Systems Engineering Process

18. Is there potential for this document (in part or in whole) to be adopted by another national , regional or international organization? No

If yes, the following questions must be answered:

- Organization Name?**
Technical Committee
International Contact Information?

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)

Item 20b. It is my understanding that the procedures are currently under review by Audcom.