



Sherry
Hampton/STDS/STAFF/
US/IEEE

10/02/2007 09:38 PM

To pcroll@csc.com

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

bcc

Subject Approval of Project - P12207

02 October 2007

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

Re: P12207 - Standard for Systems and Software Engineering — Software 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/12207.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 - P12207, 16 March 2006

Root Project: IEEE Std 12207.0-1996

1.1 Project No.: **12207**

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 — Software 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 software life cycle processes, with well-defined terminology, that can be referenced by the software industry. It contains processes, activities, and tasks that are to be applied during the acquisition of a software product or service and during the supply, development, operation, maintenance and disposal of software products. Software includes the software portion of firmware. This International Standard applies to the acquisition of systems and software products and services, to the supply, development, operation, maintenance, and disposal of software products and the software portion of a system, whether performed internally or externally to an organization. Those aspects of system definition needed to provide the context for software products and services are included. This International Standard also provides a process that can be employed for defining, controlling, and improving software life cycle processes. The processes, activities and tasks of this International Standard—either alone or in conjunction with ISO/IEC 15288—may also be applied during the acquisition of a system that contains software.

Old Scope: IEEE previously adopted ISO/IEC 12207 as IEEE 12207.0. 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 substantively unchanged from the previous version: "This International Standard establishes a common framework for software life cycle processes, with well-defined terminology, that can be referenced by the software industry. It contains processes, activities, and tasks that are to be applied during the acquisition of a software product or service and during the supply, development, operation, and maintenance of software products. Software includes the software portion of firmware."

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 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 software product. This International Standard is written for acquirers of systems and software products and services and for suppliers, developers, operators, maintainers, managers, quality assurance managers, and users of software products. This International Standard is intended for use in a two-party situation and may be equally applied where the two parties are from the same organization. The situation may range from an informal agreement up to a legally binding contract. The International Standard may be used by a single party through a self-imposed set of processes. This clause does not prevent the use of ISO/IEC 12207 by suppliers or developers of off-the-shelf software.

Old Purpose: IEEE previously adopted ISO/IEC 12207 as IEEE 12207.0-1996. 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 12207 as IEEE 12207.0-1996. 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 so that the world's two largest collections of software and systems engineering standards -- IEEE and JTC 1/SC 7 -- will share a common basis of software and systems life cycle processes. 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 created 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:

There are no substantive changes requested here. The changes are made to align with the respective publishing requirements and procedures 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](#)

16 March 2006

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

Re: P12207 - Software Engineering -- Software 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/12207.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: P12207

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

3. Type of Document: Standard for

4. Title of Document:

Draft: Software Engineering -- Software 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 12207.0-1996

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@csc.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 12207 as IEEE 12207.0. 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 substantively unchanged from the previous version: "This International Standard establishes a common framework for software life cycle processes, with well-defined terminology, that can be referenced by the software industry. It contains processes, activities, and tasks that are to be applied during the acquisition of a software product or service and during the supply, development, operation, and maintenance of software products. Software includes the software portion of firmware."

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 and the IEEE project will complete at the same time.

14. Purpose of Proposed Project:

IEEE previously adopted ISO/IEC 12207 as IEEE 12207.0-1996. 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 12207 as IEEE 12207.0-1996. 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 so that the world's two largest collections of software and systems engineering standards -- IEEE and JTC 1/SC 7 -- will share a common basis of software and systems life cycle processes. 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

It is likely that the IEEE adoption will include an informative annex describing relationships to other IEEE standards. Appropriate material is available in a book. 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? 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? 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)

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