P16326

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Type of Project: Modification to Approved PAR
PAR Request Date: 10-Dec-2008
PAR Approval Date: 30-Jan-2009
PAR Expiration Date: 31-Dec-2009
Status: Modification to a Previously Approved PAR for the Revision of a Standard 1058-1998
Root PAR: P16326  Approved on: 11-Aug-2005
Project Record: 16326

1.1 Project Number: P16326
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Systems and software engineering  Life cycle processes  Project management
Old Title: Standard for Software Engineering - Project management

Contact Information for Working Group Chair
   Name: Mark Henley
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Contact Information for Working Group Vice-Chair
None

3.2 Sponsoring Society and Committee: IEEE Computer Society/Software & Systems Engineering Standards Committee (C/S2ESC)
Contact Information for Sponsor Chair
   Name: Paul Croll
   Email Address: pcroll@csc.com
   Phone: 540-644-6224
Contact Information for Standards Representative
None

4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 10/2006
4.3 Projected Completion Date for Submittal to RevCom: 01/2009

5.1 Approximate number of people expected to be actively involved in the development of this project: 35
5.2 Scope: There is no separate Scope statement in the final draft
Old Scope: This project is a revision of IEEE Std 1058-1998 (IEEE Standard for Software Project Management Plans) to become an international standard by merging it with an existing ISO/IEC Technical Report 16326-1999 (Software engineering -- Guide for the application of ISO/IEC 12207 to Project Management). The current ISO/IEC TR 16326 provides guidance to people responsible for managing the performance of the primary software life cycle processes of ISO/IEC 12207-1995 (IEEE/EIA 12207.0 - Information technology -- Software life cycle processes). The process guidance provided by the current Technical Report will be updated. From IEEE Std 1058 will come normative provisions for the content of a software project management plan. To incorporate both process guidance and document requirements, it is within the scope of the project to develop a one-part standard or a multi-part standard. Furthermore, depending on the pace of SC7 harmonization activities, it is permitted to extend the scope of this effort to system-level project management.
5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: This International Standard is intended to aid project managers in managing to successful conclusion those projects concerned with software-intensive systems and software products. This International Standard specifies the required content of the project management plan (PMP). This International Standard also quotes the extracted purpose and outcome statements from the project processes of ISO/IEC 12207:2008 (IEEE Std 12207-2008) and ISO/IEC 15288:2008 (IEEE Std 15288-2008), and adds detailed guidance for managing projects that use these processes for software products and software-intensive systems.

5.5 Need for the Project: This project continues the harmonization of IEEE and ISO/IEC software engineering standards. IEEE benefits by getting its 1058 standard contents updated and promoted to an International Standard, and ISO/IEC JTC1/SC7 gets a "fast track" update of its TR into a standard.

5.6 Stakeholders for the Standard: Anyone involved in the planning, execution and management of projects dealing with software-intensive systems or software products.

Intellectual Property

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
If yes, state date: 01-Nov-2004

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

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

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

7.2 International Activities

a. Adoption
Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international organization?: Yes
Organization: ISO/IEC JTC1
Technical Committee Name: Information technology-software and system engineering
Technical Committee Number: JTC1-SC7
Contact Name: Mr. Francois Coallier
Phone: +1-514-396-8637
Email: chair@jtc1-sc7.org

b. Joint Development
Is it the intent to develop this document jointly with another organization?: Yes
Organization: ISO/IEC JTC1
Technical Committee Name: Information technology-software and system engineering
Technical Committee Number: JTC1-SC7
Contact Name: Mr. Francois Coallier
Phone: +1-514-396-8637
Email: chair@jtc1-sc7.org

c. Harmonization
Are you aware of another organization that may be interested in portions of this document in their standardization development efforts?: Yes
Organization: ISO/IEC JTC1
Technical Committee Name: Information technology-software and system engineering
Technical Committee Number: JTC1-SC7
Contact Name: Mr. Francois Coallier
Phone: +1-514-396-8637
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8.1 Additional Explanatory Notes (Item Number and Explanation): The updates to the Title, Scope and Purpose sections were made in order to have these sections of the PAR match the contents of the corresponding sections of the final draft International Standard submitted to ISO/IEC JTC1/SC7.