

P1490

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Type of Project: Modify Existing Approved PAR

PAR Request Date: 13-Jun-2011

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PAR Expiration Date: 31-Dec-2013

Status: Modification to a Previously Approved PAR

Root PAR: P1490 **Approved on:** 11-May-2009

1.1 Project Number: P1490

1.2 Type of Document: Guide

1.3 Life Cycle: Full Use

2.1 Title: Guide - Adoption of the Project Management Institute (PMI) Standard, A Guide to the Project Management Body of Knowledge (PMBOK Guide) -- Fourth Edition

Changes in title: ~~IEEE Guide~~ - Adoption of the Project Management Institute (PMI) Standard, A Guide to the Project Management Body of Knowledge (PMBOK Guide) -~~2008-~~ (4th~~Fourth~~ edition~~Edition~~)

3.1 Working Group: IEEE Guide: Adoptions of the Project Management Institute (PMI) Standard: A Guide to the Project Management Body of Knowledge (PMBOK Guide)-2008 (4th edition) Working Group (C/S2ESC/1490_WG)

Contact Information for Working Group Chair

Name: Paul Diamond

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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

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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: 06/2011

4.3 Projected Completion Date for Submittal to RevCom: 08/2011

5.1 Approximate number of people expected to be actively involved in the development of this project: 100

5.2 Scope: A Guide to the Project Management Body of Knowledge (PMBOK(R) Guide) is a recognized standard for the project management profession. A standard is a formal document that describes established norms, methods, processes, and practices. As with other professions such as law, medicine, and accounting, the knowledge contained in this standard evolved from the recognized good practices of project management practitioners who contributed to the development of this standard.

The first two chapters of the PMBOK(R) Guide provide an introduction to key concepts in the project management field. Chapter 3 is the standard for project management. As such, it summarizes the processes, inputs, and outputs that are considered good practices on most projects most of the time. Chapters 4 through 12 are the guide to the project management body of knowledge. They expand on the information in the standard by describing the inputs and outputs as well as tools and techniques used in managing projects.

The PMBOK(R) Guide provides guidelines for managing individual projects. It defines project management and related concepts and describes the project management life cycle and

Changes in scope: ~~This~~A Guide to the Project Management Body of Knowledge (PMBOK(R) Guide) is a recognized standard documents for information the needed project to management initiate profession. A standard is a formal document that describes established norms, ~~plan~~ methods, ~~execute~~ processes, ~~monitor and control~~ practices. and ~~As~~ close with ~~another~~ single professions projects such as law, medicine, and identifies accounting, ~~those~~ the project knowledge contained management in processes this that standard have evolved been from the recognized as good practice practices on of most project projects management most practitioners of who contributed to the time development of this standard.

The ~~With~~ first ~~the~~ two ~~third~~ chapters edition, of the PMBOK(R) Guide became provide an ~~ANSI~~ introduction standard to key concepts in ~~2004~~ the project management field. ~~#~~Chapter 3 is used the ~~internationally~~ standard for training project management. As such, it summarizes the processes, inputs, and ~~certification~~ outputs that are considered good practices on most projects most of project the manager's time.

~~Footnote:~~ Chapters Project 4 Management through Body 12 are the guide to the project management body of

the related processes.

Knowledge. (PMBOK) They expand on the information in the standard by describing the inputs and Project outputs Management as Institute well as tools and techniques used in managing projects. The PMBOK (PMIR) are Guide registered provides as guidelines trademarks for of managing individual projects. It defines project management and related concepts and describes the Project project Management management Institute, life Inc. cycle and the related processes.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: The increasing acceptance of project management indicates that the application of appropriate knowledge, processes, skills, tools, and techniques can have a significant impact on project success. The PMBOK(R) Guide identifies that subset of the project management body of knowledge generally recognized as good practice. "Generally recognized" means the knowledge and practices described are applicable to most projects most of the time, and there is consensus about their value and usefulness. "Good practice" means there is general agreement that the application of these skills, tools, and techniques can enhance the chances of success over a wide range of projects. Good practice does not mean the knowledge described should always be applied uniformly to all projects; the organization and/or project management team is responsible for determining what is appropriate for any given project.

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5.5 Need for the Project: The PMBOK is an industry standard Guide that the IEEE needs to have an official position related to. Previously the IEEE had adopted an earlier edition - that adoption was not renewed and the PMBOK has been revised in later editions. This guide provides an official position on the current edition that identifies what standards are recommended for managing projects.

5.6 Stakeholders for the Standard: All organizations which require a project management process to be documented and adhered to.

Intellectual Property

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

6.1.b. 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 Joint Development

Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes (Item Number and Explanation): 5.2 Scope and Section 5.4 Purpose have been modified to make them more consistent with the information in the PMBOK itself, as well as to address some typographical errors.

Also modified Section 5.1 Title to remove duplicate reference to IEEE" (i.e., the system inserts IEEE in front of the title, so it was showing up twice)

IEEE 1490-2003 expired in 2008. This is a project to adopt the newest edition of the PMBOK (4th edition).

To maintain PMI's commitment to continually improve and revise the information in this essential reference manual, as well as to maintain its status as an American National Standards Institute (ANSI) approved standard, the PMBOK(R) Guide is updated at least every five years.

When an update to a standard, such as the PMBOK(R) Guide--Fourth Edition, is released, PMI certification exams are updated to reflect changes in the professional reference.

S2ESC adopted the 1996 version of PMBOK, as IEEE Guide 1490-1998, to provide a framework for software engineering project management.

S2ESC subsequently re-affirmed this standard in WG1490-2003, where the 2nd edition -PMBOK 2000 - was adopted.

The 3rd edition (PMBOK 2004) was not reviewed by S2ESC, and the standard was not re-affirmed within the required 5 year time frame.

The 4th edition (december 2008) has added new material to reflect the growth of the knowledge and practices in the field of project management by capturing those practices, tools, techniques, and other relevant items that have become generally accepted. Additionally, clarification text and figures, and corrections, have been added that make the document more valuable to users. S2ESC intends to adopt the current version of PMBOK, replacing the previous version.