AS 4071—1992
ANSI/IEEE Std 1058.1-1987

Australian Standard®

Software project management plans

This Australian Standard was prepared by Committee IT/15, Software Engineering. It was approved on behalf of the Council of Standards Australia on 20 August 1992 and published on 14 December 1992.

The following interests are represented on Committee IT/15:

Australian Bankers Association

Australian Computer Society

Australian Computer Society National Software Industry Committee

Australian Information Industry Association

Australian Software Metrics Association

Computer Aided Software Engineering Special Interest Group

Department of Defence

Griffith University

Institute of Quality Assurance

OTC

Software Quality Association, Qld

Software Verification Research Centre

Telecom Australia

University of New South Wales

AS 4071—1992

Australian Standard®

Software project management plans

First published as AS 4071—1992.

PUBLISHED BY STANDARDS AUSTRALIA
(STANDARDS ASSOCIATION OF AUSTRALIA)
1 THE CRESCENT, HOMEBUSH, NSW 2140
ISBN 0 7262 7796 7

PREFACE

This Standard was prepared by the Standards Australia Committee on Software Engineering. It is identical with and has been reproduced from ANSI/IEEE Std 1058.1 IEEE Standard for *Software Project Management Plans*.

Under arrangements made between Standards Australia and the international Standards bodies, ISO and IEC, as well as certain other Standards organizations, users of this Australian Standard are advised of the following:

Copyright of the content of this Standard remains the property of IEEE. The copyright of this edition is vested in Standards Australia.

For the purpose of this Australian Standard, the IEEE text should be modified as follows:

References The references to ANSI/IEEE Standards should be replaced by references to Australian Standards as follows:

Reference to ANSI/IEEE Standard	*Australian Standard*
729 IEEE Standard Glossary of Software Engineering Terminology	—
730 IEEE Standard for Software Quality Assurance Plans	—
828 IEEE Standard for Software Configuration Management Plans	4042 Software configuration management plans
829 IEEE Standard for Software Test Documentation	4006 Software test documentation
983 IEEE Guide for Software Quality Assurance Planning	—
1012 IEEE Standard for Software Verifications and Validation Plans	—

CONTENTS

STANDARDS AUSTRALIA

Australian Standard

Software project management plans

1. Scope and References

1.1 Scope. This standard prescribes the format and content of software project management plans. A software project management plan is the controlling document for managing a software project; it defines the technical and managerial processes necessary to satisfy the project requirements.

This standard may be applied to all types of software projects. Use of this standard is not restricted by the size, complexity, or criticality of the software product. This standard is applicable to all forms of product delivery media, including firmware, embedded systems code, programmable logic arrays, and software-in-silicon. This standard can be applied to any and all segments of a software product lifecycle.

This standard identifies the minimal set of elements that shall appear in all software project management plans. In order to conform to this standard, software project management plans must adhere to the format and content for project plans specified in the standard. However, users of this standard may incorporate other elements by appending additional sections or subsections to their project management plans. In any case, the numbering scheme of the required sections and subsections must adhere to the format specified in this standard. Various sections and subsections of a software project management plan may be included in the plan by direct incorporation or by reference to other plans and documents.

This standard for software project management plans incorporates and subsumes the software development plans described in ANSI/IEEE Std 729-1983 [1][1] and ANSI/IEEE Std 730-1984 [2].

1.2 References. The standards listed here should be consulted when applying this standard. The latest revisions shall apply.

[1] ANSI/IEEE Std 729-1983, IEEE Standard Glossary of Software Engineering Terminology.

[2] ANSI/IEEE Std 730-1984, IEEE Standard for Software Quality Assurance Plans.

[3] ANSI/IEEE Std 828-1983, IEEE Standard for Software Configuration Management Plans.

[4] ANSI/IEEE Std 829-1983, IEEE Standard for Software Test Documentation.

[5] ANSI/IEEE Std 983-1986, IEEE Guide for Software Quality Assurance Planning.

[6] ANSI/IEEE Std 1012-1986, IEEE Standard for Software Verification and Validation Plans.

2. Definitions

The definitions listed here establish meanings within the context of this standard. Definitions of other terms that may be appropriate within the context of this standard can be found in ANSI/IEEE Std 729-1983 [1].

activity. A major unit of work to be completed in achieving the objectives of a software project. An activity has precise starting and ending dates, incorporates a set of tasks to be completed, consumes resources, and results in work products. An activity may contain other activities in a hierarchical manner.

[1] The numbers in brackets correspond to those of the references in 1.2.

The remainder of this document is available for purchase online at

www.saiglobal.com/shop