

AS IEC 60300.2—2005
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AS IEC 60300.2—2005

Australian Standard™

Dependability management

**Part 2: Guidance for dependability
programme management**

This Australian Standard was prepared by Committee QR-005, Dependability. It was approved on behalf of the Council of Standards Australia on 8 April 2005. This Standard was published on 5 May 2005.

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Australian Organisation for Quality
Department of Defence (Australia)
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The University of New South Wales

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PREFACE

This Standard was prepared by Standards Australia Committee QR-005, Dependability.

This Standard is identical with, and has been reproduced from IEC 60300-2, Ed.2.0 (2004), *Dependability management—Part 2: Guidelines for dependability management*. It supersedes AS 3930—1992, *Reliability and maintainability – Introductory guide* and AS 3960—1990, *Guide to reliability and maintainability program management*.

‘Dependability’ is a collective term for performance characteristics (reliability, availability, maintainability) of simple or complex products and systems. The AS IEC 60300 series of dependability management system Standards provide general guidelines for establishing a dependability management system to meet most organizational or project needs, supported by a ‘tool kit’ of non-prescriptive guidance Standards on a range of dependability applications and methods.

The objective of this Standard is to provide guidelines on managing dependability programmes. This Standard discusses planning and implementation of a dependability programme to meet specific product requirements for reliability, maintainability and life cycle cost. It identifies the process steps and essential features of dependability management, and links them to processes and methods relevant to a wide range of products. It supports Part 1 of the dependability management system Standard, AS IEC 60300.1, and is compatible with AS/NZS ISO 9001.

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- (a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
- (b) In the source text ‘this part of IEC 60300’ should read ‘this Australian Standard’.

Reference to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
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60300	Dependability management	60300	Dependability management
60300-1	Part 1: Dependability management systems	60300-1	Part 1: Dependability management systems
60300-3-1	Part 3-1: Application guide—Analysis techniques for dependability—Guide on methodology	60300.3.1	Part 3.1: Application guide—Analysis techniques for dependability—Guide on methodology
61014	Programmes for reliability growth	61014	Programmes for reliability growth
ISO/IEC		AS/NZS	
15026	Information technology—System and software integrity levels	15026	Information technology—System and software integrity levels

Only international references identical to Australian or Australian/New Zealand Standards have been listed.

The term ‘informative’ has been used in this Standard to define the application of the annex to which it applies. An ‘informative’ annex is only for information and guidance.

CONTENTS

	<i>Page</i>
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Dependability management system	4
5 Management responsibility	6
5.1 Management function on dependability	6
5.2 Meeting customer dependability needs	6
5.3 Dependability policy and regulatory implications	7
5.4 Dependability programmes	7
5.5 Management representative	7
5.6 Management review	7
6 Resource management	8
6.1 Provision of resources	8
6.2 Resource planning, development and maintenance	8
6.2.1 Human resources	8
6.2.2 Financial resources	8
6.2.3 Information resources	8
6.3 Outsourcing	9
7 Product realization	9
7.1 Planning for product realization	9
7.2 Tailoring of dependability programmes	9
7.3 Application of dependability plan	10
7.4 Supply-chain management	10
8 Measurement, analysis and improvement	11
8.1 Dependability measurement	11
8.2 Dependability monitoring and assurance	11
8.3 Dependability assessment and analysis	12
8.4 Use of dependability information	12
8.5 Measurement of results	13
8.6 Dependability improvement	13
Annex A (informative) Dependability programme elements and tasks for systems, hardware and software applications	15
Annex B (informative) Product life cycle phases	28
Annex C (informative) Association of product life cycle phases with the applicable dependability elements and tasks	30
Annex D (informative) Process steps and standards for managing dependability	32
Annex E (informative) Questions for dependability management review	35
Annex F (informative) Guidelines for the tailoring process	37
Annex G (informative) Classification of dependability standards with the life cycle phases in which they are applicable	39
Bibliography	43
Figure 1 – Process steps for managing dependability	5

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