

Table of contents

Foreword	5
Introduction	6
1 Scope	7
2 Normative references	8
3 Terms, definitions and abbreviated terms	9
3.1 Terms from other standards.....	9
3.2 Terms specific to the present standard	9
3.3 Abbreviated terms.....	11
4 Configuration management principles	13
4.1 Overview	13
4.1.1 Configuration and information/documentation activities.....	13
4.1.2 Configuration management process and objectives	13
4.1.3 Information/documentation management process and objectives	14
4.2 Management and planning	15
4.2.1 Configuration management plan	15
4.2.2 Configuration management interfaces.....	15
4.3 Implementation of configuration management	17
4.3.1 Overview	17
4.3.2 Configuration identification	19
4.3.3 Configuration control	23
4.3.4 Configuration status accounting	25
4.3.5 Configuration verification.....	26
4.3.6 Configuration management process audit.....	26
4.3.7 Configuration management approach for operational phase	26
4.3.8 Implementation of information/documentation management	27
5 Configuration management requirements	32
5.1 General.....	32
5.2 Management and planning	32
5.2.1 Configuration management plan	32

5.2.2	Configuration management interfaces.....	33
5.3	Implementation of configuration management	33
5.3.1	Configuration identification.....	33
5.3.2	Configuration control.....	38
5.3.3	Configuration status accounting.....	40
5.3.4	Configuration verification.....	41
5.3.5	Audit of the configuration management system.....	42
5.3.6	Configuration management approach for operational phase	42
5.3.7	Implementation of information/documentation management	43
Annex A (normative) Configuration management plan - DRD.....		48
Annex B (normative) Configuration item list - DRD.....		55
Annex C (normative) Configuration item data list (CIDL) - DRD.....		57
Annex D (normative) As-built configuration list - DRD		59
Annex E (normative) Software configuration file (SCF) - DRD		61
Annex F (normative) Configuration status accounting reports -DRD.....		64
Annex G (normative) Change request - DRD		67
Annex H (normative) Change proposal - DRD		69
Annex I (normative) Request for deviation - DRD.....		71
Annex J (normative) Request for waiver - DRD		73
Annex K (informative) Configuration item selection		75
Annex L (informative) Technical data package description		77
Annex M (informative) Digital signature.....		99
Bibliography.....		102

Figures

Figure 4-1	Configuration management.....	14
Figure 4-2	Configuration management interface (inputs).....	16
Figure 4-3	Configuration management interface (outputs).....	17
Figure 4-4	Implementation of configuration management.....	19
Figure 4-5	Configuration identification	20
Figure 4-6	CI product tree structure.....	21
Figure 4-7	Configuration control	24

Figure 4-8 Implementation of information/documentation management.....	27
Figure 4-9 TDP contents	29
Figure 4-10 Delivery process for TDP.....	30
Figure 4-11 Project phases and baseline definitions.....	31
Figure L-1 TDP ZIP file.....	78
Figure L-2 : ZIP archive	79
Figure L-3 : XML schema tree	79
Figure M-1 Digital signature	100

Tables

Table G-1 : Change request scope and content	68
Table H-1 : Change proposal scope and content.....	70
Table I-1 : Request for deviation scope and content.....	72
Table J-1 : Request for waiver scope and content.....	74
Table L-1 : data_package.....	81
Table L-2 : data_definition_exchange.....	81
Table L-3 : item_properties.....	86
Table L-4 : element	87
Table L-5 : database	97
Table L-6 : Additional information on Table L-1 to Table L-5	98