

### Table of contents

---

<b>Foreword</b> .....	<b>5</b>
<b>Introduction</b> .....	<b>6</b>
<b>1 Scope</b> .....	<b>7</b>
<b>2 Normative references</b> .....	<b>8</b>
<b>3 Terms, definitions and abbreviated terms</b> .....	<b>9</b>
3.1 Terms from other standards.....	9
3.2 Terms specific to the present standard .....	9
3.3 Abbreviated terms.....	11
<b>4 Configuration management principles</b> .....	<b>13</b>
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
<b>5 Configuration management requirements</b> .....	<b>32</b>
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
<b>Annex A (normative) Configuration management plan - DRD.....</b>		<b>48</b>
<b>Annex B (normative) Configuration item list - DRD.....</b>		<b>55</b>
<b>Annex C (normative) Configuration item data list (CIDL) - DRD.....</b>		<b>57</b>
<b>Annex D (normative) As-built configuration list - DRD .....</b>		<b>59</b>
<b>Annex E (normative) Software configuration file (SCF) - DRD .....</b>		<b>61</b>
<b>Annex F (normative) Configuration status accounting reports -DRD.....</b>		<b>64</b>
<b>Annex G (normative) Change request - DRD .....</b>		<b>67</b>
<b>Annex H (normative) Change proposal - DRD .....</b>		<b>69</b>
<b>Annex I (normative) Request for deviation - DRD.....</b>		<b>71</b>
<b>Annex J (normative) Request for waiver - DRD .....</b>		<b>73</b>
<b>Annex K (informative) Configuration item selection .....</b>		<b>75</b>
<b>Annex L (informative) Technical data package description .....</b>		<b>77</b>
<b>Annex M (informative) Digital signature.....</b>		<b>99</b>
<b>Bibliography.....</b>		<b>102</b>

## **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