ISO/IEC 1766:2003-04 (E)

Space systems — Risk management

Contents

page

Foreword ..... **v**

1 Scope **1**

2 Terms, definitions and abbreviated terms **1**
2.1 Terms and definitions **1**
2.2 Abbreviated terms **3**

3 Principles of risk management **3**
3.1 Risk management concept **3**
3.2 Risk management process **3**
3.3 Risk management implementation into a project **3**
3.4 Risk management documentation **4**

4 The risk management process **4**
4.1 Overview of the risk management process **4**
4.2 Risk management steps and tasks **5**

5 Risk management implementation **10**
5.1 General considerations **10**
5.2 Responsibilities **10**
5.3 Project life cycle considerations **11**
5.4 Risk visibility and decision making **11**
5.5 Documentation of risk management **11**

6 Risk management requirements **12**
6.1 General **12**
6.2 Risk management process requirements **12**
6.3 Risk management implementation requirements **14**

Annex A (informative) **Risk register example and ranked risk log example** **16**

Bibliography **19**

Figures

Figure 1 — The steps and cycles in the risk management process 4

Figure 2 — The tasks associated with the steps of the risk management process within the risk management cycle 5

Figure 3 — Example of a severity-of-consequence scoring scheme 6

Figure 4 — Example of a likelihood scoring scheme 6

Figure 5 — Example of risk index and magnitude scheme 7

Figure 6 — Example of risk magnitude designations and proposed actions for individual risks 7

Figure 7 — Example of a risk trend 10