ISO 14950:2004-02 (E)

Space systems - Unmanned spacecraft operability

Contents

Page

Foreword iv

0 Introduction iv
0.1 Spacecraft operation v
0.2 Spacecraft operability v
0.3 Conventions vi
0.4 Guidelines for applicability vi

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Abbreviated terms 6

5 Autonomy levels 7

6 General requirements 8
6.1 Observability 8
6.2 Commandability 8
6.3 Compatibility 8
6.4 Security 8
6.5 Safety 8
6.6 Flexibility 9
6.7 Efficiency 9
6.8 Testability 9
6.9 Applicability matrix 10

7 Detailed requirements 10
7.1 Spacecraft observability requirements 10
7.2 Spacecraft commandability requirements 12
7.3 Memory management 14
7.4 On-board processing functions 15
7.5 Equipment/subsystem-specific requirements 19

Annex A (informative) Mission constants 23