

# ISO 14950:2004-02 (E)

## Space systems - Unmanned spacecraft operability

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>0</b>	<b>Introduction .....</b>	<b>iv</b>
<b>0.1</b>	<b>Spacecraft operation .....</b>	<b>v</b>
<b>0.2</b>	<b>Spacecraft operability .....</b>	<b>v</b>
<b>0.3</b>	<b>Conventions .....</b>	<b>vi</b>
<b>0.4</b>	<b>Guidelines for applicability .....</b>	<b>vi</b>
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Abbreviated terms .....</b>	<b>6</b>
<b>5</b>	<b>Autonomy levels .....</b>	<b>7</b>
<b>6</b>	<b>General requirements .....</b>	<b>8</b>
<b>6.1</b>	<b>Observability .....</b>	<b>8</b>
<b>6.2</b>	<b>Commandability .....</b>	<b>8</b>
<b>6.3</b>	<b>Compatibility .....</b>	<b>8</b>
<b>6.4</b>	<b>Security .....</b>	<b>8</b>
<b>6.5</b>	<b>Safety .....</b>	<b>8</b>
<b>6.6</b>	<b>Flexibility .....</b>	<b>9</b>
<b>6.7</b>	<b>Efficiency .....</b>	<b>9</b>
<b>6.8</b>	<b>Testability .....</b>	<b>9</b>
<b>6.9</b>	<b>Applicability matrix .....</b>	<b>10</b>
<b>7</b>	<b>Detailed requirements .....</b>	<b>10</b>
<b>7.1</b>	<b>Spacecraft observability requirements .....</b>	<b>10</b>
<b>7.2</b>	<b>Spacecraft commandability requirements .....</b>	<b>12</b>
<b>7.3</b>	<b>Memory management .....</b>	<b>14</b>
<b>7.4</b>	<b>On-board processing functions .....</b>	<b>15</b>
<b>7.5</b>	<b>Equipment/subsystem-specific requirements .....</b>	<b>19</b>
<b>Annex A (informative)</b>	<b>Mission constants .....</b>	<b>23</b>