

# ISO 23799:2024-01 (E)

## Ships and marine technology - Assessment of onboard cyber safety

<b>Contents</b>		Page
<b>Foreword</b> .....		<b>iv</b>
<b>Introduction</b> .....		<b>v</b>
<b>1 Scope</b> .....		<b>1</b>
<b>2 Normative references</b> .....		<b>1</b>
<b>3 Terms and definitions</b> .....		<b>1</b>
<b>4 Elements and process of risk assessment</b> .....		<b>2</b>
4.1 Relationship of elements.....		2
4.2 Process of risk assessment.....		3
<b>5 Assessment preparation</b> .....		<b>5</b>
<b>6 Risk identification</b> .....		<b>5</b>
6.1 Identification of asset.....		5
6.2 Identification of threat.....		8
6.3 Identification of vulnerability.....		9
6.4 Identification of existing control measures.....		11
<b>7 Risk analysis</b> .....		<b>11</b>
7.1 Risk analysis process.....		11
7.2 Risk calculation method.....		12
7.3 Impact loss of consequences of incident scenarios.....		12
7.4 Likelihood of incident scenarios.....		13
7.5 Risk calculation of onboard cyber security.....		14
<b>8 Risk evaluation</b> .....		<b>14</b>
<b>Annex A (informative) Example of risk calculation</b> .....		<b>16</b>
<b>Bibliography</b> .....		<b>18</b>