

ISO 21321:2026-04 (E)

Ships and marine technology - Human-occupied submersibles - Manoeuvring tests

Contents

Page

Foreword.....	v
Introduction.....	vi
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 General requirements and recommendations.....	2
4.1 Support vessel.....	2
4.2 Test instruments.....	2
4.3 Test conditions.....	3
4.4 Emergency operating procedures.....	3
5 Test types.....	3
6 Test methods.....	4
6.1 Submersible designed physical buoyancy test.....	4
6.1.1 Test purpose.....	4
6.1.2 Test procedure.....	4
6.1.3 Measuring parameters.....	4
6.1.4 Test result.....	4
6.2 Powered submerging test.....	4
6.2.1 Test purpose.....	4
6.2.2 Test procedure.....	4
6.2.3 Measuring parameters.....	5
6.2.4 Test result.....	5
6.3 Unpowered surfacing with releasable ballast response test.....	5
6.3.1 Test purpose.....	5
6.3.2 Test procedure.....	5
6.3.3 Measuring parameters.....	5
6.3.4 Test result.....	6
6.4 Powered surfacing test.....	6
6.4.1 Test purpose.....	6
6.4.2 Test procedure.....	6
6.4.3 Measuring parameters.....	6
6.4.4 Test result.....	6
6.5 Auto-depth test.....	7
6.5.1 Test purpose.....	7
6.5.2 Test procedure.....	7
6.5.3 Measuring parameters.....	7
6.5.4 Test result.....	7
6.6 Auto-heading test.....	7
6.6.1 Test purpose.....	7
6.6.2 Test procedure.....	7
6.6.3 Measuring parameters.....	8
6.6.4 Test result.....	8
6.7 Triple-direction speed test.....	8
6.7.1 Test purpose.....	8
6.7.2 Test procedure.....	8
6.7.3 Record requirement.....	8
6.7.4 Measuring parameters.....	8

6.7.5	Test result.....	9
6.8	Stopping distance test.....	9
6.8.1	Test purpose.....	9
6.8.2	Test procedure.....	9
6.8.3	Measuring parameters.....	9
6.8.4	Test result.....	9
6.9	Turning test.....	9
6.9.1	Test purpose.....	9
6.9.2	Test procedure.....	10
6.9.3	Measuring parameters.....	10
6.9.4	Test result.....	10
6.10	Auto-altitude test.....	10
6.10.1	Test purpose.....	10
6.10.2	Test procedure.....	10
6.10.3	Measuring parameters.....	10
6.10.4	Test result.....	11
6.11	Hovering test.....	11
6.11.1	Test purpose.....	11
6.11.2	Test procedure.....	11
6.11.3	Measuring parameters.....	11
6.11.4	Test result.....	11
Annex A (informative) Record tables.....		12
Bibliography.....		24