

ISO 13643-2:2013-07 (E)

Ships and marine technology - Manoeuvring of ships - Part 2: Turning and yaw checking

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Test-related physical quantities	2
5	General test conditions	7
6	Test 2.1 -- Turning circle test	8
6.1	General	8
6.2	Analysis and presentation of results of a turning circle test	10
6.3	Designation of a turning circle test	10
7	Test 2.2 -- Accelerating turn test	10
7.1	General	10
7.2	Analysis and presentation of results of an accelerating turn test	11
7.3	Designation of an accelerating turn test	12
8	Test 2.3 -- Thruster turning test	12
8.1	General	12
8.2	Test at zero speed (Z)	12
8.3	Presentation of the results of a thruster turning test at zero speed	12
8.4	Thruster turning test at speed ahead (A)	13
8.5	Test at speed astern (optional) (O)	14
8.6	Analysis and presentation of results of a thruster turning test	14
8.7	Designation of a thruster turning test	14
9	Test 2.4 -- Zig-zag test	14
9.1	General	14
9.2	Analysis and presentation of results of a zig-zag test	16
9.3	Designation of a zig-zag test	16
10	Test 2.5 -- Course change test	16
10.1	General	16
10.2	Description	16
10.3	Analysis and presentation of results of a course change test	17
10.4	Designation of a course change test	18
11	Test 2.6 -- Parallel track test	18
11.1	General	18
11.2	Description	19
11.3	Analysis and presentation of results of a parallel track test	19
11.4	Designation of a parallel track test	20
12	Test 2.7 -- Person over board test	20
12.1	General	20
12.2	Williamson Turn (W)	21

12.3	Scharnow Turn (S)	21
12.4	Analysis and presentation of the results of a person overboard test	22
12.5	Designation of a person overboard test	22