

ISO 13643-3:2013-07 (E)

Ships and marine technology - Manoeuvring of ships - Part 3: Yaw stability and steering

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	5
6	Test 3.1 -- Pull-out test	6
6.1	General	6
6.2	Analysis and presentation of results of a pull-out test	7
6.3	Designation of a pull-out test	7
7	Test 3.2 -- Direct spiral test (according to Dieudonné)	7
7.1	General	7
7.2	Description	7
7.3	Analysis and presentation of results of a direct spiral test (according to Dieudonné)	8
7.4	Designation of a direct spiral test (according to Dieudonné)	9
8	Test 3.3 -- Reverse spiral test (according to Bech)	9
8.1	General	9
8.2	Description	10
8.3	Analysis and presentation of results of a reverse spiral test (according to Bech)	10
8.4	Designation of a reverse spiral test (according to Bech)	11
9	Test 3.4 -- Weave test	12
9.1	General	12
9.2	Description	12
9.3	Analysis and presentation of results of a weave test	12
9.4	Designation of a weave test	13
10	Test 3.5 -- Astern test	14
10.1	General	14
10.2	Description	14
10.3	Analysis and presentation of results of an astern test	17
10.4	Designation of an astern test	17
11	Test 3.6 -- Sine test	18
11.1	General	18
11.2	Description	18
11.3	Analysis and presentation of results of a sine test	19
11.4	Designation of a sine test	20