

ISO 16707:2016-10 (E)

Ships and marine technology - Marine evacuation systems - Determination of capacity

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Test arrangement	2
4.1	Test rig	2
4.2	Position of the test rig	2
4.3	Installation height of MES	2
4.4	MES/ship interface	3
4.5	Associated survival craft	3
4.6	Access to embarkation area	3
5	Test persons	3
5.1	Number of test persons	3
5.2	Selection of test persons	3
6	Test procedure	4
7	Test timing	4
7.1	Timekeepers	4
7.2	Sequences to be timed	5
8	Capacity calculation	6
8.1	Principle	6
8.2	Formulae and abbreviations	6
8.3	Calculation of average descent time	6
8.4	Calculation of survival craft handling time and boarding time	7
8.5	Calculation of congestion time	7
8.6	Calculation of MES capacity	8
8.7	Calculation adjustment for increased/reduced height of passage (see 4.3)	8
Annex A (informative) Capacity calculation examples		9
Annex B (informative) Test forms		17