

ISO 15085:2024-07 (E)

Small craft - Protection from falling overboard and means of reboarding

Contents

Page

Foreword.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 General requirements.....	4
4.1 Prevention from falling overboard.....	4
4.2 Deck zones.....	4
4.3 Required safety devices.....	5
4.4 General requirements for deck zones.....	7
4.4.1 All deck zones.....	7
4.4.2 Deck zones Z1 and Z2.....	7
4.5 Requirements for operation and storage temperature of safety devices.....	8
4.5.1 Operation temperature.....	8
4.5.2 Storage temperature.....	8
5 Slip-resistant surfaces.....	8
5.1 General.....	8
5.2 Requirements for trampolines and nets.....	8
6 Foot-stops.....	8
6.1 General.....	8
6.2 Foot-stops requirements.....	8
6.3 Minimum foot-stops height and angle.....	9
6.4 Foot-stops made of angled surfaces.....	10
6.5 Maximum clearance between deck and foot-stop.....	10
6.6 Continuity on the deck zone level in vicinity of foot-stop.....	10
6.7 Gaps in the foot-stop rail.....	10
7 Handholds.....	10
7.1 General.....	10
7.2 Location in vicinity of outer deck edge.....	10
7.3 Strength.....	11
8 Barriers to falling overboard.....	11
8.1 General.....	11
8.2 Geometric requirements for barriers to falling overboard.....	11
8.2.1 Height of barriers to falling overboard.....	11
8.2.2 Openings in barriers to falling overboard.....	12
8.3 Additional requirements for sailing boats.....	13
8.3.1 Bow pulpits for sailing boats.....	13
8.3.2 Transom barriers to falling overboard for sailing boats.....	13
8.3.3 Forward cross beams of sailing catamarans.....	14
8.3.4 Central hull of sailing trimarans.....	14
8.4 Risk of falling overboard from elevated deck zones.....	14
8.5 Barrier to falling overboard design and strength requirements.....	16
8.5.1 General requirements.....	16
8.5.2 Requirements for guard-rails or low guard-rails.....	16
8.5.3 Requirements for guard-lines.....	16
8.5.4 Requirements for stanchions or guard-line supports.....	17

9	Hooking points	17
9.1	General.....	17
9.2	Location.....	17
9.3	Location for habitable multihull craft susceptible to inversion.....	18
9.4	Size.....	18
9.5	Strength.....	18
10	Attachment points for jack-lines	18
10.1	General.....	18
10.2	Fitting.....	18
10.3	Strength.....	18
11	Prevention of falling overboard from high-speed craft	19
11.1	General.....	19
11.2	Additional requirements for handholds.....	19
11.3	Body support.....	20
11.4	Seat fixing strength.....	20
12	Toe straps for sailing dinghies	20
13	Means of reboarding	20
13.1	General requirements.....	20
13.2	Requirements for rigid ladder.....	21
13.3	Requirements for non-rigid ladder.....	23
13.4	Reboarding test.....	24
14	Owner's manual	24
	Annex A (normative) Test of seats for high-speed craft	25
	Bibliography	30