

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 |