

minimum operating condition, expressed in kg metre degrees from upright to AVS)		
---	--	--

or

Table 3 – ORC Stability Index or SSS Requirements

Race Category	0	1	2	3
minimum Stability Index in <u>ORC</u> Rating System, or			110	103
minimum IRC Safety and Stability Screening numeral (SSS) Base value			28	15
<u>SSS may only be used if the series date is before</u>			<u>1995</u>	<u>2000</u>

- 3.04.3 A boat shall be capable of self-righting from an inverted position with or without reasonable intervention from the crew and independent of the condition of the rig.

Current Position

The current position shows the original including changes

3.04 Stability – Monohulls

- 3.04.1 a) Compliant with ISO 12217-2^{*a} design category A **and having a minimum Stability Index in the ORC rating system of 120^b. Starting in 2027, this compliance shall be confirmed by having the actual displacement measured and by an inclination test.**
- b) Compliant with ISO 12217-2^{*a} design category A **and having a minimum Stability Index in the ORC rating system of 115^b. Starting in 2027, this compliance shall be confirmed by having the actual displacement measured and by an inclination test.**
- ~~a) c) Able to demonstrate compliance with ISO 12217-2^{*a} design category A or higher either by EC Recreational Craft Directive certification having obtained the CE mark or by the designer's declaration.~~
- ~~b) d) Able to demonstrate compliance with ISO 12217-2^{*a} design category B or higher either by EC Recreational Craft Directive certification having obtained the CE mark or by the designer's declaration.~~
- ^{*a} **This can be demonstrated either by EC Recreational Craft Directive certification having obtained the CE mark or by the designer's declaration.** The latest effective version of ISO 12217-2 should be used unless the boat was already designed to a previous version.
- ^b **This can be demonstrated either by a valid ORC international rating certificate or by the designer's declaration.**

- 3.04.2 Where compliance in accordance with OSR 3.04.1 cannot be demonstrated, a boat shall be able to demonstrate either:

Table 2 – STIX, AVS, and m^*A_{GZ} and ORC Requirements

Race Category	0	1	2	3
<u>minimum Stability Index in the <u>ORC</u> rating system</u>	<u>120</u>	<u>115</u>		
minimum <u>ISO</u> 12217-2 Stability Index (STIX)	32		23	
minimum <u>ISO</u> 12217-2 Angle of Vanishing Stability (AVS)	130-0.002*m		130-0.005*m	
but AVS always >=	100°		95°	

a minimum righting energy $m \cdot A_{GZ}$ (where A_{GZ} is the positive area under the righting lever curve in the minimum operating condition, expressed in kg metre degrees from upright to AVS)	172000	57000
---	--------	-------

or

Table 3 – ORC Stability Index or SSS Requirements

b)	Race Category	0	1	2	3
	minimum Stability Index in <u>ORC</u> Rating System, or	120	115	110	103
	minimum IRC Safety and Stability Screening numeral (SSS) Base value			28	15
	<u>SSS may only be used if the series date is before</u>			<u>1995</u>	<u>2000</u>

Mo0,1,2,3
Mo0,1,2,3
Mo0,1,2,3

Mo0

3.04.3 A boat shall be capable of self-righting from an inverted position with or without reasonable intervention from the crew and independent of the condition of the rig.

Reasons
(See the report)