

OSR 3.04c Stability - Monohulls

Use of SSS in assessing stability in OSR

A submission from Royal Yachting Association and IRC Rating System

Purpose or Objective

To add a Primary Launch validity date when using SSS for assessing a boats stability for competing in OSR races.

Proposal

Amend OSR 3.04 c) as follows:

- Mo0,1 c) **Primary Launch before 1995 only:** IRC SSS Base value of not less than 35
Mo2 c) **Primary Launch before 1995 only:** IRC SSS Base value of not less than 28
Mo3 c) **Primary Launch before 2000 only:** IRC SSS Base value of not less than 15

Current Position

- 3.04 c)
Mo0,1 c) IRC SSS Base value of not less than 35
Mo2 c) IRC SSS Base value of not less than 28
Mo3 c) IRC SSS Base value of not less than 15

Reasons

1. RORC SSS is still used as a stability criteria in the OSR and may apply to modern boats when no recent work has been done to assess the suitability of SSS to newer designs, when STIX and AVS should be readily available. OSR cannot delete this as it is still useful for event organisers with older designs entered with a good track record in safety where they were designed before STIX and AVS stability criteria.
2. Event organisers, including RORC, continue to use SSS in its assessment of the stability for older designs. The Primary Launch dates proposed have been used and proven for many different category races for many racing seasons and prove to be safe and effective.