

SCIRA Proposal Form

Number 24-15

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Summary:

Allow the daggerboard safety cable to be secured with soft shackle.

Affects:

Constitution

By-Laws

Class Rules

Deed of Gift

Rules of Conduct

NoR or SI Template

Other

Objective:

Proposal to include the section highlighted in red in item 5 of section "C.8.4 DAGGERBOARD - (a) LIMITATIONS" transcribed below:

The daggerboard shall be attached to the hull with a single safety line at all times while sailing (unless for a short period for cleaning garbage or seaweed). The safety line shall be of size no smaller than 4mm in diameter and shall not be adjustable. Non stretching lines are recommended. Any knot or locking splice in the line must not be adjustable. If a knot is used, it must be sewn in such a way that it cannot be adjusted and the line will be cut to eliminate excesses, and shall be fixed to any part of the daggerboard case and directly fastened to the daggerboard with a metal shackle **or soft shackle**, or carabiner above the line connecting the lower part of the stoppers and the daggerboard. No middle knots in the line are allowed. The use of a steel wire is also permitted with minimum diameter of 1mm. **If a soft shackle is used, it shall be made with a line no smaller than 4mm in diameter.**

Reasons:

- 1- Soft shackles is much more suitable to be attached to the daggerboard. It's not necessary to drill the centerboard. It can be attached to daggerboard's top handle bar and fits in any kind of daggerboard handle bar.
- 2- Metal shackles and carabiner are less suitable. Many times stay stucked in a bad position. Metal shackle pin can be lost and carabiner can be bended when stay stucked under daggerboard's stoppers and loose its function.
- 3- Soft shackle is easy to do, safe and strong as a metal shackle or carabiner but cheaper. It needs only 50cm of line. Anyone can do it following free videos online.
- 4- Soft shackle have been used in many types of boats replacing metal shackles as in jib and main sail halyards, blocks and sheets attachments.



- 5- It's unadjustable what makes it suitable to comply with the rule. Just like the metal shackle or carabiner, the soft shackle is also a solution that makes the full length of the daggerboard safety line unadjustable and safe.

Illustrative photos:



To learn how to do the Soft Shackle, access the video on YouTube:

https://www.youtube.com/watch?v=qWz_DIXx-Wc

Destruction Test - 4mm Soft Shackle (around 2.5 ton)

https://www.youtube.com/watch?v=yib_uCQdcyw