

CMRC RESPONSE TO PROPOSED T10 CLASS RULE CHANGE: ADJUSTABLE JIB CAR, PART 2

Originally Submitted: 11/15/2023

CMRC Response: 2/15/2024

Todd Imbler

Hull #350

In the CMRC response to the question of adjustable jib cars, the option to re-open the question was put forth if new information was provided. The investigation only considered the Harken system, which is indeed too wide to fit into the LS-10 deck. However, the Schaeffer 17-28 system is the same width as the stock lead and would fit into the LS-10 deck.

Both systems allow the adjustment of the jib lead under load. Being able to adjust the jib lead has many benefits, including allowing safer trim changes, a wider usable wind range of the sails, and easier training for new sailors learning the effect of lead changes on sail shape.

Sure would like to see this come to a vote!

CURRENT RULE(S)

7 PROHIBITIONS

7.1 The following are not permitted:

7.1.19 Continuously adjustable jib cars

PROPOSED CHANGE

6 OPTIONAL EQUIPMENT

6.1 The following are permitted when racing:

6.1.30 Continuously adjustable jib cars. If continuously adjustable jib cars are used, jib tracks must have end stops bolted through the deck. (add)

7 PROHIBITIONS

7.1 The following are not permitted:

7.1.19 Open (change)

CMRC RESPONSE

The CMRC evaluated the followup to our response to the proposed rule change to allow adjustable jib cars to be added to the jib tracks for one-design racing. The proposal was evaluated on the following criteria: performance benefits, cost, safety implications, potential loopholes, and feasibility. The proposal failed to meet the final criteria with regard to the LS-10. If a LS-10 owner were to create a mockup of the adjustable jib leads using jib cars with ball bearings, including where to run the control lines, this proposal could be re-opened for consideration.

RESEARCH AND REASONING

The consensus of the professional riggers consulted during the original response was that to be able to move the lead under load, a jib car with ball bearings would be required. The Schaeffer lead car runs on polyethylene liners and does not have ball bearings.