

REPORTING COMMITTEE – KEELBOAT

OTHER COMMITTEE –

**Class Rules Change**

A submission from the International Monohull Open Class

PROPOSAL

**C.6.1: PULPITS, STANCHIONS, and LIFELINES**

**a) General requirements:**

Attention is drawn to ISO 15085 norms.

Pulpits and stanchions shall be permanently installed. When there are sockets or studs, these shall be through-bolted, laminated, riveted, bonded, or welded. The pulpit(s) and/or stanchions fitted to these shall be mechanically retained without the help of the lifelines. Without sockets or studs, pulpit(s) and/or stanchions shall be through-bolted, bonded, or welded.

Stanchion bases shall not be situated outboard of a working deck. For the purpose of this rule, a stanchion or pulpit base shall be taken to include a sleeve or socket into which a stanchion or pulpit tube is fitted but shall exclude a base plate, which carries fixings into the deck or hull.

Pulpits, stanchions, and lifelines shall not be made of Carbon fibre or aluminium.

Lifelines required shall be "taut". As a guide, when a deflecting force of 50 N (5.1 kgf) is applied to a lifeline midway between supports, the lifeline should not deflect more than 50 mm.

**b) Pulpits:**

Boats shall have bow and stem pulpits.

The bow pulpit shall be forward the head stay. Pulpits may be fixed in part to the fore appendages.

The bow pulpit may not cross forward the head stay, providing the gap between the forward upper rail and the head stay is not more than 300mm.

In any case, a closing system between the two forward upper rails and crossing ahead the head stay shall be capable of being installed.

Lifelines arranged in accordance to vertical opening may be considered as an adequate substitute of the stem pulpit.

Upper rails of pulpits shall not be at any less height above the working deck than the upper lifelines (minimum 600mm) and essentially the same height above the waterline as is the upper lifeline at the forward part of the cockpit.

No vertical opening shall exceed 380mm height.

Upper rails in bow pulpits may be open-able but shall be secured shut whilst racing.

**c) Stanchions:**

Stanchions shall be straight and vertical.

However, within the first 50 mm from the deck, stanchions may be displaced horizontally

(Cranked) from the point at which they emerge from the deck or stanchion base by not more than 10 mm, and they may be angled to not more than 10 degrees from vertical from any single point above 50 mm from the deck.

**d) Lifelines:**

Lifelines shall be supported on stanchions, and shall be continuous around a working deck. Horizontal rails in pulpits may substitute lifelines. Lifelines shall be permanently supported at intervals of not more than 2.20m and shall not pass outboard of supporting stanchions

Provided stanchions support the complete lifeline enclosure and pulpit bases effectively within the working deck, lifeline terminals, and support struts may be fixed to the hull aft of the working deck.

Lifelines need not be fixed to a bow pulpit if they terminate at, or pass through, adequately braced stanchions set inside and overlapping the bow pulpit, if the gap between the upper lifeline and the bow pulpit does not exceed 150 mm.

Number and height: boats shall have no less than two lifelines. The upper lifeline shall not be at a height of no less than 600 mm (recommendation of 800 mm) above the working deck. The intermediate lifeline shall be not less than 230 mm above the working deck. No vertical opening shall exceed 380 mm.

Diameters, required material: Mandatory Lifelines shall be stranded stainless steel wire of minimum diameter of 5mm. Lifelines shall be uncoated and used without close-fitting sleeving. Grade 316 stainless wire is recommended.

A taut lanyard of synthetic rope may be used to secure lifelines at each end provided the gap it closes does not exceed 100 mm.

All wire, fittings, anchorage points, features and lanyards shall comprise a lifeline enclosure system that has at all points at least the breaking strength of the required lifeline wire.

**CURRENT POSITION:**

None

**REASON:**

C.6.1 a, b, c & d are new rules. Nothing was specified for pulpits, stanchions, and lifelines in the rule. These rules come from ISAF OSR 3.14, 3.14.1, 3.14.2, 3.14.3, 3.14.4, 3.14.5, 3.14.6, 3.14.7.