

Stavanger, 26. Aug. 2012

When I recently was contacted by an owner of a Westsail 32, asking if his boat could be fitted with a JR, I first produced this fast small-scale sketch, shown below. On next page is a printout of a CAD drawing I did afterwards. This has much higher accuracy. I have still not drawn the individual panels showing the round needed to produce the camber, but that will come later.

Normally I aim for about the same area in all panels, but since the owner had serious offshore ambitions, I this time crimped the top panels a bit compared to the lower panels.

The 69.9sqm (752sqft) is about as big area as can be fitted and handled by a little crew. The resulting SA/displacement ends on just 13.3, but it is still better than that of the Bermuda rig (or?). I think this rig should work well.

Mast

Using my modified Practical Junk Rig method of calculating a hollow wooden mast, I came out with a diameter of 34cm. The heavy displacement (12t) and great beam of the boat put quite some loads on a free-standing mast.

Arne Kverneland



