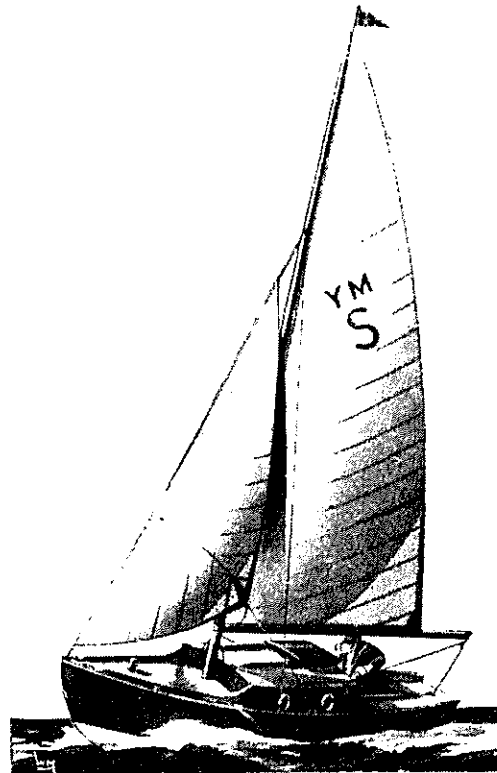


## SENIOR (BUILD YOURSELF) 16ft Two-Berth Sloop

**T**HE *Senior* is largely a blown-up version of the 13ft 6in half-decked *YM Junior*, with only a few minor alterations necessary in a larger boat designed for a cabin with two sleeping berths. Construction with double chines, to avoid the constant-varying rabbet angles necessary with single chine, is intended for  $\frac{3}{4}$ in mahogany marine plywood, as shown on the plans, or with aluminium alloy sheets substituted for the plywood if intended for the Tropics.

Each set of plans consists of seven sheets fully detailed for the amateur builder. On them is included a complete schedule of materials and fittings, so that a local timber merchant could, if need be, supply the timber already cut to size. In addition, Sheet 7 gives details for building a Mk II version, if desired, with a 160lb cast iron ballast keel and shaped bilge keels in place of the centreplate. Alternative Bermudian sloop and gunter rigs are included.

The *Senior* is a bonny little boat designed so that the veriest beginner in boat building can build her. For a hull only 16ft long by 6ft beam there is a surprising amount of useful space inside her cabin. The cabin length from the stem is approximately 9ft 6in and under the hatch about

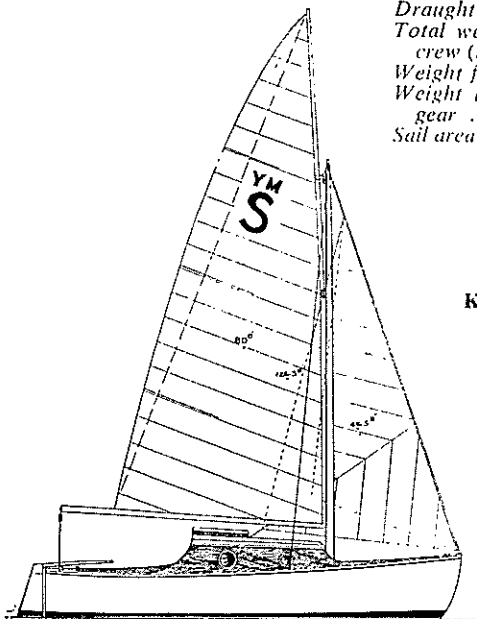


5ft. Yet the cabin top and hatch do not look oversize: in fact, the little boat looks thoroughly well-proportioned.

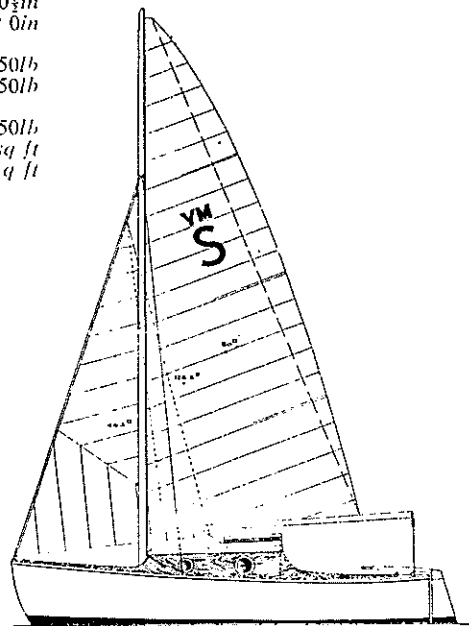
With its pleasant little cabin and cooking locker, there is a large sliding hatch where one can stand up to dress. From the cabin sole or floor to the underside of the closed hatch measures 3ft 10in, and sitting headroom over the berths gives 3ft 3in. The accommodation opens up unlimited cruising possibilities for two people.

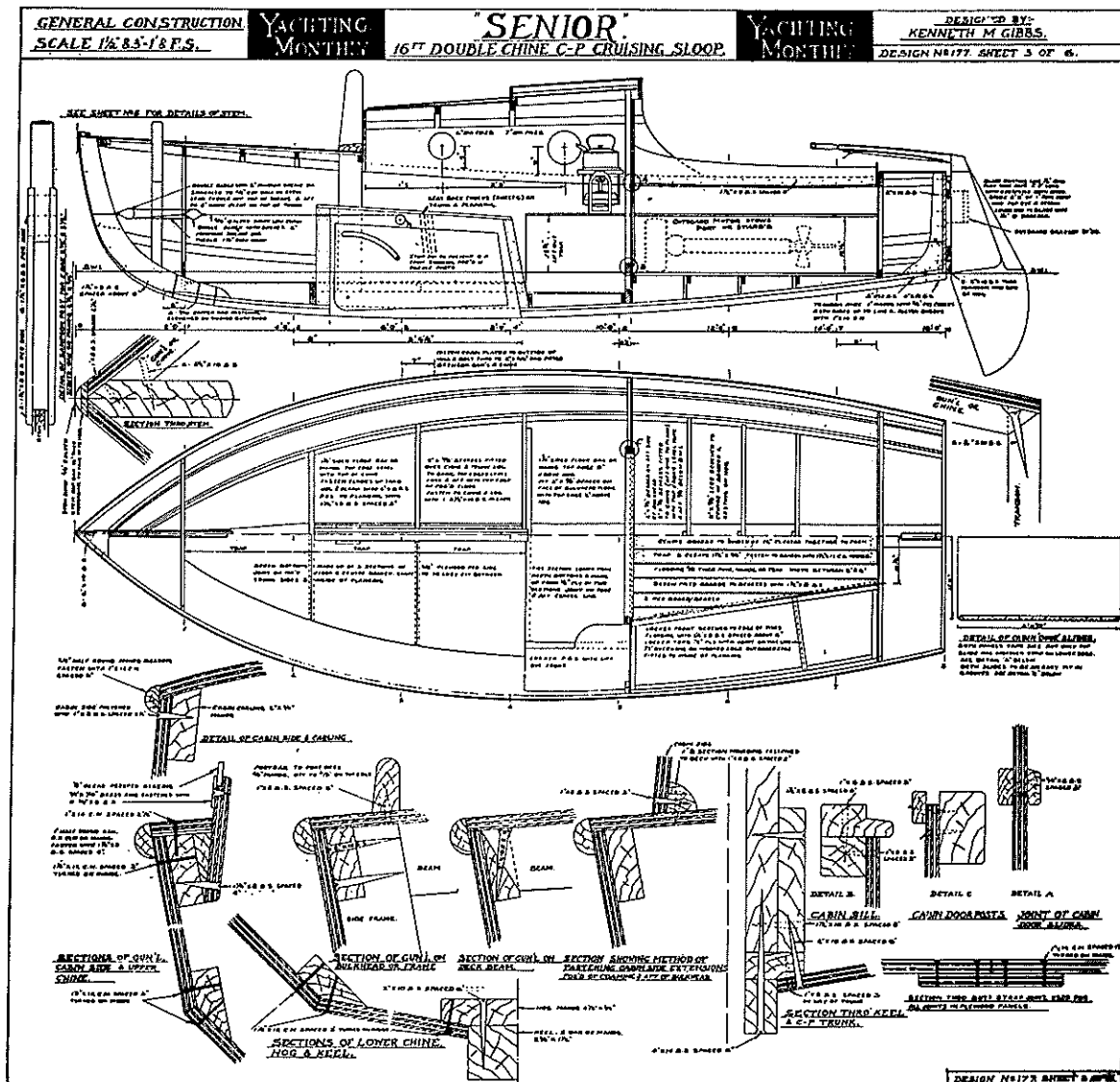
### DIMENSIONS

LOA .....	16ft 0in
LWL .....	15ft 1 $\frac{1}{2}$ in
Beam (max) .....	6ft 0 $\frac{1}{2}$ in
Draught .....	10in and 3ft 0in
Total weight with all gear and crew (two) .....	1,450lb
Weight for trailing .....	950lb
Weight less spars, rigging and gear .....	750lb
Sail area - mainsail .....	80 sq ft
No. 1 jib .....	46.5 sq ft



Design by  
**KENNETH M. GIBBS**





Reproduction of Sheet No 3 showing the centreboard layout and some details of the hull construction. Builders are recommended to obtain a copy of Building Chine Boats by Michael Verney.

Some of these boats have made extensive coastal passages. One owner sailed his home-built *Peregrine* from Barrow-in-Furness on a cruise round the Isle of Man; and cruises in *Seniors* from Twickenham to the Zuider Zee, around the North-east coast of England, and off the West coast of Scotland featured in an article *They Do Get Around* in the January 1965 *YACHTING MONTHLY*. The first recorded cruise of a *Senior* sailing Lake Kariba appeared in the April 1965 issue.

With a bracket on the transom for one of the standard outboard motors of 1½ to 4hp, for which convenient stowage when not in use is arranged under one of the cockpit seats, a wider cruising range becomes available

than when under sails and oars alone. An inboard engine of 1½hp could be installed on the centreline, with the incline of the engine and shaft not exceeding 10 degrees. A number of firms supply trailers suitable for this boat which can be trailed by most cars of 1,200 cc and upwards.

For those who wish to take part in handicap racing the Portsmouth Yardstick is 110 for Terylene sails, and 115 for cotton.