



Lloyd's Register of Shipping.

WOOD SAILING YACHT.

Scantlings and Materials proposed for the Cutter rigged yacht, designated No. 469 intended for the 12 Metres International Rating Class. To be built at Esport by Camper & Nicholson's Ltd. with a view to class R for years in the Society's Yacht Register.

FRAMING, SHELF, AND BILGE STRINGER.	Inches.	KEEL, STEM, STERNPOST, AND RUDDER.	Inches.
"Grown" Frame Timbers, for $\frac{3}{4}$ length amidships, at heel { siding moulding.....		Keel { Moulding $6\frac{1}{2}"$ Minimum Siding <u>To suit form - not less than rule</u> Length of scarp NIL	
" " " " " " " " at head { siding moulding.....		Stem, siding and moulding at head..... $5'5'' \times 9' M^L D$	
<u>2 reverse frames to be fitted each side in way of mast.</u>		" " " " " " " " at heel..... $11' M^L D$	
" " " " " " " " at ends, at heel { siding moulding.....		Sternpost, siding and moulding at counter $5'5'' \times 10' M^L D$	
" " " " " " " " at head { siding moulding.....		Rudder Head, diameter..... $1\frac{3}{4}"$ steel	
" " " " " " " " spacing, centre to centre.....	<u>27"</u>	BEAMS AND BEAM KNEES.	
" " " " " " " " with one bent frame between { siding moulding.....		Through Beams, for $\frac{3}{4}$ length, amidships, at centre of beam { moulding $3\frac{1}{2}"$ siding $2\frac{1}{4}"$	
" " " " " " " " with two bent frames between { siding moulding.....		" " " " " " " " at end of beam { moulding $2\frac{3}{4}"$ siding $2\frac{1}{4}"$	
Steel Frames in combination with Bent Wood Frames { for $\frac{3}{4}$ length amidships..... $2 \times 2 \times 18"$ throughout at ends..... $1\frac{7}{8}"$		Through Beams, at ends. Half Beams { at centre of beam { moulding $2\frac{3}{4}"$ siding $1\frac{1}{8}"$ at end of beam { moulding $2\frac{1}{4}"$ siding $1\frac{1}{8}"$	
Bent Wood Frames, for $\frac{3}{4}$ length amidships { siding moulding.....	$1\frac{1}{2}"$	Hatch End and Mast Beams { at centre of beam { moulding $4"$ siding $2\frac{3}{4}"$ at end of beam { moulding $3\frac{1}{4}"$ siding $2\frac{3}{4}"$	
" " " " " " " " at ends { siding moulding.....	$1\frac{13}{16}"$	Spacing of Beams..... $18"$	
" " " " " " " " spacing, centre to centre.....	<u>9"</u>	Wrought Iron or Angle Steel Hanging Knees { Number on each side <u>Six</u> Length of arms, amidships..... <u>flanged plate brackets $\frac{1}{2}$ thick</u> " " " " " " " " at ends.....	
Wood Floors on "Grown" Frame Timbers at middle line { siding..... moulding.....		Wrought Iron Hanging Knees { Size at throat " " " " " " " " point.....	
Wrought Iron, or Angle Steel Floors on "Grown" Frame Timbers { Length of Arms, amidships " " " " " " " " at ends.....		Angle Steel Hanging Knees, size of angle.....	<u>To rule</u>
Wrought Iron Floors on "Grown" Frame Timbers { Size at throat " " " " " " " " point.....		Lodging Knees.....	
Angle Steel Floors on "Grown" Frame Timbers, size of angle.....		OUTSIDE PLANKING AND DECKS.	
Steel Plate Floors on Steel Frames and on Web Frames { Depth and thickness, amidships..... $12" \times 16"$ " " " " " " " " at after end..... $6" \times 14"$ " " " " " " " " Stempost..... $9" \times 14"$ " " " " " " " " at fore end..... $6" \times 14"$		Outside Planking, thickness..... $1\frac{3}{8}"$	
Wrought Iron, or Angle Steel Floors on Bent Wood Frames { Length of Arms..... <u>19"</u>		Upper Deck Planking, thickness..... $1\frac{3}{8}"$	
Wrought Iron Floors on Bent Wood Frames { Size at throat " " " " " " " " point.....		MATERIALS.	
Angle Steel Floors on Bent Wood Frames, size of angle..... <u>between</u> $2" \times 2" \times 28"$		Keel.....	<u>Mahogany</u> <u>Mahogany</u> <u>Mahogany</u> <u>Mahogany</u> <u>Mild Steel</u> <u>Mild Steel</u> <u>American Elm</u> <u>Mahogany</u> <u>Mahogany</u> <u>Cedar</u> <u>Cal Pine</u> <u>Cal Pine</u> <u>Cal Pine</u> <u>Steel</u>
Web Frames { Number on each side..... <u>nine reverse frames each side</u> Breadth and thickness of web plate..... <u>$1\frac{1}{4} \times 1\frac{3}{4} \times 14"$ fitted extending up to deck in lieu of web frames</u> Size of angles.....		Stem.....	
Upper Deck Shelf, sectional area amidships..... 17 sq in		Sternpost..... <u>38 lbs per cu ft</u>	
Ledge Piece or Clamp in way of Rigging, sectional area..... 9 " "		Deadwood.....	
Bilge Stringer, sectional area amidships..... 13 " "		"Grown" Frame Timbers.....	
		Wood Floors.....	
		Bent Wood Frames..... <u>46 lbs per cu ft</u>	
		Outside Planking { from top of keel to 2ft. below W.L. from 2ft. below W.L. to planksheer.....	
		Planksheer or Covering Board..... <u>32 lbs per cu ft</u>	
		Shelf and Clamp.....	
		Bilge Stringer..... <u>35 lbs per cu ft</u>	
		Beams.....	
		Main Piece of Rudder.....	

Will the yacht be built under a Roof (see Section 5 of the Rules)? Yes Will the yacht be metal fastened (see Section 6)? Yes If so, state whether in accordance with paragraph 1 or paragraph 2 (Section 6) Para 2.

The yacht will be built of the scantlings and materials shown above, and in all other respects as required by the Rules.

Builder's Signature and Date C. E. Nicholson for Camper & Nicholson's Ltd.
25th Nov 1938.

4 further additional strengthening in way of mast (See circular N^o 1535 Sec 9 cl 6) Particulars to be submitted

E.P.
2-12-38.

9 years for materials Table 1
2 " " raised mats - Sec 4 p 2.
3 " " fastenings - Sec 6 p 2.
1 year for under roof - Sec 5.
15 years - 9 & 12 years materials
Pl Steel frames.