

SOLANITE BRAND, REGD  
ALLOTT, JONES & CO., LIVERPOOL, Makers.

Camper & Nicholaisen 5<sup>o</sup>  
Empress Schoner Jacht  
N<sup>o</sup> 179  
Lou. 6894.



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Lloyd's Register  
Foundation  
W315 0111

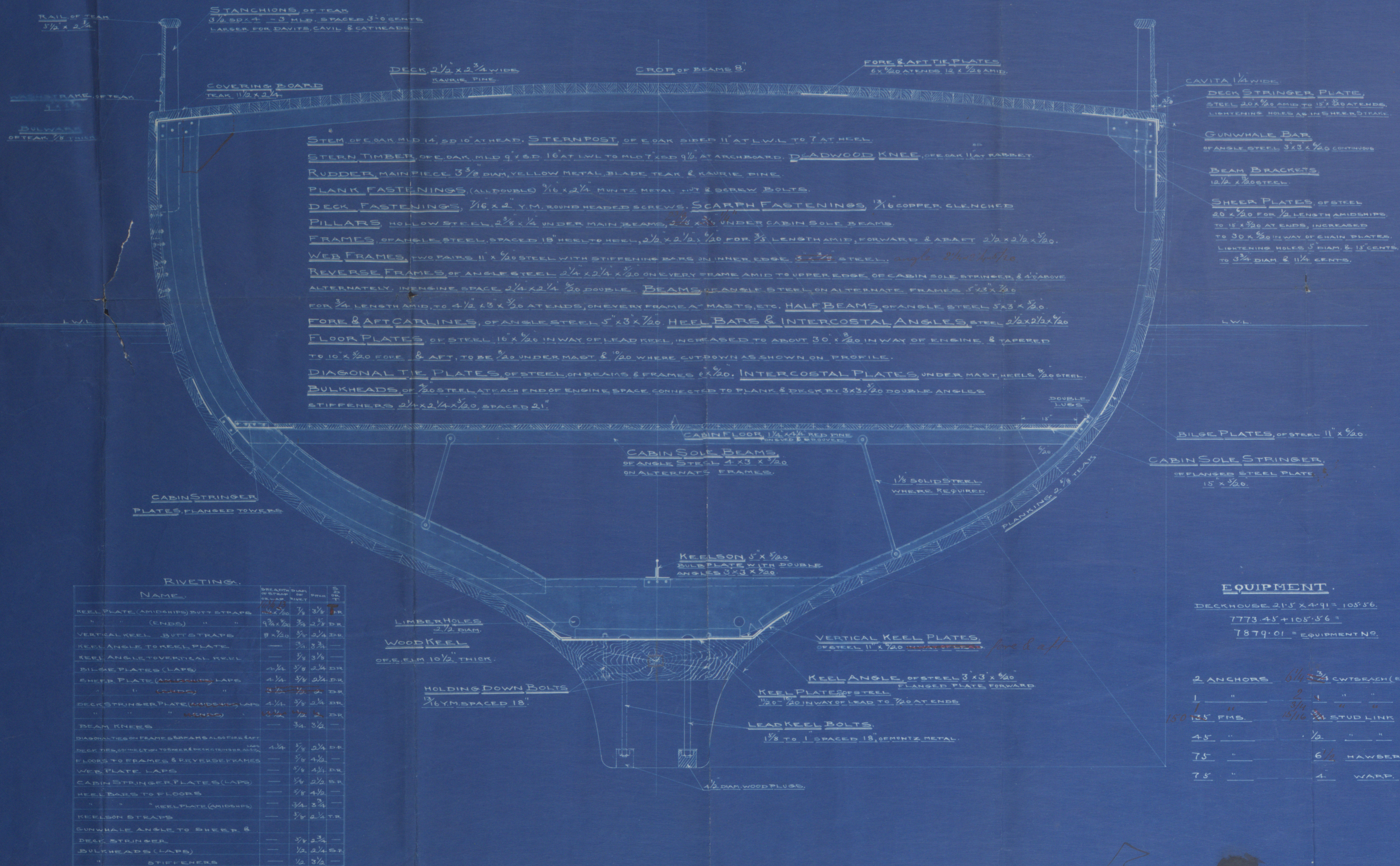
No 179.

SCANTLING SECTION.  
OF A  
COMPOSITE SCHOONER YACHT  
TO CLASS 20A1 AT LLOYDS.

LLOYDS NUMERALS.

DEPTH 15.06  
1/2 BEAM 11.45  
1/2 GIRTH 20.52  
2 (BILGE DIAGONAL) 24.45  
71.48 TRANSN  
108.75  
108.75 x 71.45 = 7773.45  
(5 x 7.22) 1022 x 7773.45 = 7944.46 = LONG. NO

SCALE 3/4" = 1 FT.



RIVETINGS.				
NAME.	DIAMETER OF RIVET	LENGTH OF RIVET	HEAD DIAMETER	HEAD HEIGHT
KEEL PLATE (AMIDSHIP) BUTT STRAPS	3/8"	3 1/2"	3/8"	3/8"
" " (ENDS) " "	3/8"	3 1/2"	3/8"	3/8"
VERTICAL KEEL BUTT STRAPS	3/8"	3 1/2"	3/8"	3/8"
KEEL ANGLE TO KEEL PLATE	3/8"	3 1/2"	3/8"	3/8"
KEEL ANGLE TO VERTICAL KEEL	3/8"	3 1/2"	3/8"	3/8"
BILGE PLATES (LAPS)	3/8"	3 1/2"	3/8"	3/8"
SHEER PLATE (AMIDSHIP) LAPS	3/8"	3 1/2"	3/8"	3/8"
" " (ENDS) " "	3/8"	3 1/2"	3/8"	3/8"
DECK STRINGER PLATE (AMIDSHIP) LAPS	3/8"	3 1/2"	3/8"	3/8"
" " (ENDS) " "	3/8"	3 1/2"	3/8"	3/8"
BEAM KNEES	3/8"	3 1/2"	3/8"	3/8"
DIAGONAL TIE ON FRAMES & SPARS ALSO FORWARD	3/8"	3 1/2"	3/8"	3/8"
DECK HINGE ON DECK TO FRAME & REVERSE FRAMES	3/8"	3 1/2"	3/8"	3/8"
FLOORS TO FRAMES & REVERSE FRAMES	3/8"	3 1/2"	3/8"	3/8"
WEB PLATE LAPS	3/8"	3 1/2"	3/8"	3/8"
CABIN STRINGER PLATES (LAPS)	3/8"	3 1/2"	3/8"	3/8"
HEEL BARS TO FLOORS	3/8"	3 1/2"	3/8"	3/8"
" " " " PLATE (AMIDSHIP)	3/8"	3 1/2"	3/8"	3/8"
KEELSON STRAPS	3/8"	3 1/2"	3/8"	3/8"
GUNWALE ANGLE TO SHEER & DECK STRINGER	3/8"	3 1/2"	3/8"	3/8"
BULKHEADS (LAPS)	3/8"	3 1/2"	3/8"	3/8"
" " STIFFENERS	3/8"	3 1/2"	3/8"	3/8"

EQUIPMENT.

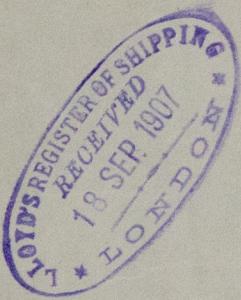
DECKHOUSE 21'5" x 4'91" = 108'56.  
7773.45 + 108'56 =  
7879.01 = EQUIPMENT NO.

2 ANCHORS 6 1/2" 24 CWT EACH (EX STOCK)  
1 " 2 " " " " "  
1 " 3/4 " " " " "  
150 135' FMS. 3/4" 1/2" STUD LINK CHAIN.  
45 " 1/2 " " " " "  
75 " 6/16 " HAWSER.  
75 " 4 " WARP.

W315-0111



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