

Midship Section of S.S. 335' x 43'6" x 28'-9" *N^o 111 "Mount Sirion"*

Class 100 91. Spar Deck, Steel

Scale $\frac{1}{2}$ in = one foot

19.3.94

18.4.94

22.5.94

7.6.94

Bridge Deck

27.6.94

30.6.94

16.8.94

15.10.94

Spar Deck

Main Deck

Numerals

$\frac{1}{2}$ Breadth 21.75
 $\frac{1}{2}$ Depth 40.12
Depth 21.70

Plating R^o

33.57 x 333.2 = 27845

Proportions

Depth to Spar Dh. 11.2
Main 15.3
Breadths 7.6

Frames: 6 x $3\frac{1}{2}$ x $\frac{3}{8}$ to $\frac{5}{16}$ spaced 25 apart

Reverse frames 6 x $3\frac{1}{2}$ x $\frac{3}{8}$ to $\frac{5}{16}$ to Main & Spar dk alternately

Floor plating $\frac{7}{16}$ thick

Bulkheads $\frac{7}{16}$ & $\frac{5}{16}$ Vertical Stiffeners 5 x $3\frac{1}{2}$ x $\frac{3}{8}$ to $\frac{5}{16}$

Horizontal Stiffeners $7\frac{1}{2}$ x $3\frac{1}{2}$ x $\frac{3}{8}$ Bulk angle

Stem $10\frac{1}{2}$ x $10\frac{1}{2}$ x $\frac{3}{8}$ Stern frame 11 x 6

Rudder head $8\frac{1}{2}$ x $8\frac{1}{2}$ x $\frac{3}{8}$ Rudder post $4\frac{1}{2}$ x $4\frac{1}{2}$ x $\frac{3}{8}$

Scantlings written in blue refer to iron

Equipment:-

99.45 x 333.2 = 33126 + 1873 = 34709

2 Bower anchors 38 lbs ea or stock

1 " 32 $\frac{1}{4}$ "

1 Stream 11 $\frac{1}{2}$ "

1 Hedge 5 $\frac{1}{4}$ "

270 fathoms 2 Stud chain cable

90 " 1 $\frac{1}{16}$ Stream chain

120 " 4 Steel wire

90 " 3 $\frac{1}{4}$ "

90 " 8 $\frac{1}{2}$ Warps

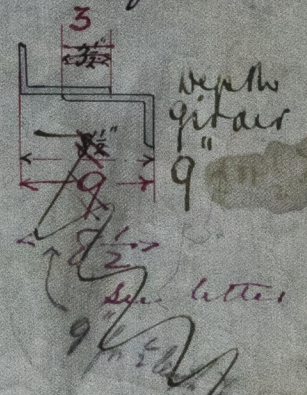
Riveting

All shell bolts lapped & treble riveted all fore & aft.

Spar & Main stringers lapped & treble riveted for $\frac{1}{4}$ L.

Tank top lapped & double riveted for $\frac{1}{2}$ L.

Section thru frames



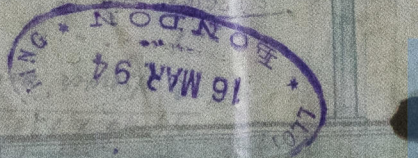
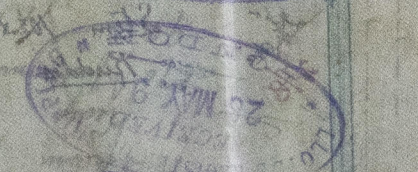
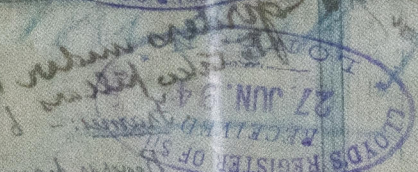
19.3.94

Shell plating entirely in way of double bottom etc. garboard to be reduced to where $\frac{1}{2}$ or above
Under Engine in back of an additional intercostal to be added for the thickness of floor & intercostal

J.V.L.
19/3/94
17/4/94
13/10/94

"Mount Sirion"

Midship



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Lloyd's Register

BE164-0226