

MIDSHIP SECTION FOR N^o 117

19/9/76

Dimensions

Length (between ports) 180.0
Breadth --- 31.6
Depth of Hold --- 18.3

Length at Deck beams 177.0
Raised Quarter Deck 3 ft 6 in.
Full Forecastle 14 ft 10 in.

Under 6 Breadths & 9 Depths

Rec 17/9/76 & 23/9/76

It is recommended that the bulwark plating be fitted outside of the sheer strake instead of inside as shown hereon.

Sheer Strake
33 x 7/8 for 1/2 length
8 forward
8 1/2 at ends

Double R.
Plating from sheer to
Garboard Strake
8 for 1/2 length
7 at ends



Single Rivetted

7/16

Single R.

Single R.
Double

Double rivetted
from here to keel

To have diagonal tie-plates fitted on the upper deck beams, where in this instance the masts are to be secured.

Deck 5 x 3 1/2 Tie plates 10 x 5/8 for 1/2 length 10 x 7/8 at ends

Bulbs 7 1/2 x 1/2 Angles 3 x 3 x 1/2
Beams of R.Q. Deck Bulbs 7 x 1/2
Angles 2 1/2 x 2 1/2 x 1/2

Stringer Plate
3 1/2 x 7/8 for 1/2 length 23 x 7/8 at ends

Lloyd's Numbers

1/2 Girth --- 30.58
1/2 Breadth --- 15.66
Depth --- 20.08

66.32 First No

177 x 66.32 = 11.738 Second No

2 1/2 Dia

Strong Beams 12 frame spaces apart
Angles 4 x 3 x 1/2
Plate 8 x 7/8
Stringer where beams are spaced
12 spaces apart

Stringer plate
22 x 8/16 for 1/2 length
16 1/2 x 7/8 at ends

To Class 100A at Lloyd's

Frames 4 x 3 x 7/8 for 1/2 length 4 x 3 x 1/2 remainder spaced 22 in
Reverse Bars 3 x 3 x 7/8 to lower & main d. alternately
Floors 20 x 7/8 for 1/2 length 16 at ends

Keel 7 1/2 x 2 1/4 Stem & Stern posts 7 x 2 1/4

Butthead 6 to 5 1/6

Rudder 4 1/2 x 2 3/4

All Keelson Angles 4 1/2 x 3 1/2 all fore & aft

The Butte Straps of Sheer Strake, Main deck Stringer plates & 2 Strakes
at Bilge to be 1/16 thicker than the plates they connect & treble
Rivettted for 1/2 length

Bulb for 1/2
Length 7 1/2 x 7/8

Broad Flange Horizontal

Rider plate

12 x 1/2 for 1/2 length
12 x 1/2 at ends

10 x 1/2 for 1/4 length
4 1/2 x 3 x 7/8 No reduction at ends

Wash plates 6 x 1/2
for 1/2 length

32 x 9/16 for 1/2 length
8 at ends

Keel 7 1/2 x 2 1/4

To have beams and stringer plates forward and aft
as required by rules to prevent parting, the positions & sizes and
arrangements of them to be to the satisfaction of the Surveyors.

* If the length of the raised quarter deck, measured from
the stem post, exceeds one-fourth the rule length of the vessel
the scantlings and arrangement of the raised deck is to be
described in the last paragraph of the rules Section 45-
but if the length of the raised deck be less than one-quarter
of the rule length, then the scantling & arrangement
may be as described in the first part of the rule.

8 1/2 x 7/8 Rider plate
4 x 3 x 7/8
4 x 3 x 7/8

Section of Hold Beams
Spaced 12 frame spaces
apart

Cabin Sole and Raised 2nd Deck
3" Dia & alternately - 3
3 1/2 where to 17 ft d.

18/9/76

Lloyd's Register
19/9/78