

Midship Section for I. I. (No. 139).

Built to Class 100 A. 1. at Lloyds as One Decked Cargo Steamer.  
with Raised Quarter Dk, 81 ft long.

Dimensions

Length	199'-0"
Half moulded Breadth	13'-6"
Depth from top of Keel to U. D. Beams	16'-10"
" " " " " Beam of Raised Quarterdeck	19'-10"
Girth of Half Mudsip section to U. D. Stringer	27'-5"
" " " " " Quarterdeck	30'-5"

Numeral regulating Hold Beams  
Beam Stungers & Hold Stungers in  
way of Quarterdeck 12686

Numerals ----- 57.75 and 11492  
Do. for Equipment ----- 12641

[illegible]

Proportions

Depth to Upper Deck in Length --- 11. 9  
" " Quarter " " " --- 10. 0  
Breadth in Length --- 7. 4

Wood Deck  $5 \times 3\frac{1}{2}$   
Iron Deck  $5\frac{1}{6}$ " from Bridge to Forecastle  
Slunger 4  
to  $23 \times 7\frac{1}{2}$

Round of Beam 7 in Beam on very alternate frame  
Bull  $6\frac{1}{2} \times \frac{1}{16}$  to  $6 \times \frac{1}{16}$ , Angles  $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{16}$

Houbling Plate above Stinger  
 $\frac{1}{16}$  in. ~~thick~~ instead of Butt Straps  
of equal thickness }  
6 as required by the Rules for  $\frac{1}{2}$  length.

Gusset Plate  $24 \times \frac{7}{16}$  Swinger  $25 \times \frac{7}{16}$   
Covering Plate  $6\frac{1}{2} \times \frac{7}{16}$  to  $19 \times \frac{7}{16}$

Beam on every Tenth frame  
Bull  $7\frac{1}{2} \times 7\frac{1}{8}$  Angles  $3 \times 3 \times 7\frac{1}{8}$

Frames  $3\frac{1}{2} \times 3\frac{1}{8}$  to  $\frac{3}{8}$   
Reverse Bars  $3 \times 2\frac{1}{2} \times \frac{3}{8}$   
Floors  $16\frac{1}{2} \times \frac{1}{8}$  to  $\frac{3}{8}$   
Keel  $7\frac{1}{2} \times 2\frac{1}{4}$   
Stern Post  $7 \times 4\frac{1}{2}$   
Stern  $7 \times 2\frac{1}{4}$   
Bulkheads  $\frac{5}{8}$  "stiffener as per Rules" with  $3\frac{1}{2} \times 3 \times \frac{1}{8}$  angles.  
Cutting  $2\frac{1}{2}$   
Rudder Stock  $4\frac{3}{4} \times 2\frac{1}{4}$   
Forecastle Beams 7 Bridge Beams  $5 \times 3 \times \frac{1}{8}$   
spaced 22" apart  
extending to Deck Stump & Head Stump  
 $8\frac{1}{8}$  under Engines & Boilers.  
✓ 2 3/4"

angles.  
Bull  $4\frac{1}{2} \times \frac{6}{16}$   
for  $\frac{1}{2}$  length,  
angles for  $\frac{1}{2}$  length.  
all fore and aft

Keelson angles  $4\frac{1}{2} \times 3 \times \frac{7}{16}$  to  $\frac{6}{16}$

Angles right fore  
& aft.

Bulls of Stinger & Shearstrike  
 & 2 Strakes at Bilge Treble  
 Rivetted and Straps  $\frac{1}{16}$  thicker

Laps  $4\frac{1}{2}$ " , rivets  $3\frac{1}{4}$ "

2/1/84

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