

# Midship Section

## Small Cargo Steamer

Pennoldson's No 155.

Dimensions 140 x 23.6 x 10.6.

Glass 100 P.I. Special Survey.

Material

All Iron

Scale  $\frac{3}{4}$  = one foot.

25.7.93.

31.7.93.

$\frac{5}{16}$  Complete iron deck.

Beams  $4 \times 2\frac{1}{2} \times \frac{5}{16}$  on every frame all round.

### Numbers

$\frac{1}{2}$ Girth of Section	20.66
Depth to top of beam	11.04
$\frac{1}{2}$ breadth.	11.45
	43.45
$43.45 \times 139 = 6039$	
Proportions	Depths 12.5
	Breadths 5.9

- Frames  $3 \times 2\frac{1}{2} \times \frac{5}{16}$  Thru' out Spaced 21" apart.
- Reverse frames  $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{5}{16}$  on every frame & floor plate.
- Floor plates  $12\frac{1}{2} \times \frac{5}{16}$  ends  $\frac{5}{16}$  16" thicker under Engine & Boiler.
- Bulkheads  $\frac{4}{16}$  3" Pinnles 2" 4".
- Keel head  $2\frac{1}{4}$ .
- Keeling 2".

### Extras over Rules.

- Sister Keelson  $5 \times 6$  T Bulb for 80' amidships.
- Bulge Doubling  $12 \times \frac{1}{2}$  for 80' amidships.
- Heavy Hard wood Keelling between  $3 \times 3 \times \frac{5}{16}$  angles all round.

$3 \times 3 \times \frac{5}{16}$  angles &  
 $5 \times \frac{5}{16}$  Bulb bar  
for 80 ft amidships

$5 \times 4 \times \frac{8}{16}$  for  
full length.

Bulb  $5\frac{1}{2} \times \frac{5}{16}$

Bulb  $4\frac{1}{2} \times \frac{5}{16}$   
Angles  $3 \times 3 \times \frac{5}{16}$

$\frac{5}{16}$  Intercoastal plate.

Intercoastal plate  
for 38' 0" from Bow  
Bulkhead.

Double  $\frac{3}{4}$ "

$\frac{1}{16}$  for  $\frac{1}{2}$  length ends  $\frac{6}{16}$   
lap bulbed double riveted

Double  $\frac{3}{4}$ "

$\frac{1}{16}$  for  $\frac{1}{2}$  length ends  $\frac{5}{16}$   
lap bulbs double riveted.

Keel  $6\frac{1}{4} \times \frac{1}{8}$   
Stern  $6\frac{1}{4} \times \frac{1}{8}$   
Stern frame  $6\frac{1}{4} \times 3\frac{1}{4}$

Garboard  $8$  thru' out  
lap bulbed double riveted

Keel  $6\frac{1}{2} \times 1\frac{3}{8}$   
or  $7 \times 1\frac{5}{8}$

$\frac{4}{16}$

$3 \times 3 \times \frac{5}{16}$

Sheerstrake  $\frac{8}{16}$  for  $\frac{1}{2}$  length ends  $\frac{3}{16}$  for  $\frac{3}{4}$  length  
 $\frac{1}{2}$  length ends  $\frac{1}{16}$  =  $\frac{1}{16}$   
Straps  $\frac{1}{16}$  thicker than plates.  
Double riveted.

Double  $\frac{3}{4}$ "

$\frac{6}{16}$  for  $\frac{1}{2}$  length ends  $\frac{5}{16}$   
Bulbs overlap double riveted.

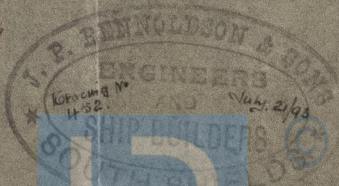
Single  $\frac{3}{4}$ "

Doubling plate  $12 \times 1\frac{1}{2}$   
for 80' 0" amidships

$\frac{8}{16}$  for  $\frac{1}{2}$  length  
ends  $\frac{6}{16}$

Double riveted Bulb Straps for  $\frac{1}{2}$  length  
 $\frac{1}{16}$  thicker than plates.

Riveting of bulbs to be as per  
Sec 20 par 10.



2021

Lloyd's Register

NWC 834-0163

H. "Treleigh".  
live. freeboard report.  
No 29587.

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