

# Midshipsection of a Screw Steamer built at Elbing

Length between Perpendiculars 142' 8"  
 Breadth moulded 23' 0"  
 Depth as per Rule 12' 0"  
 Double bottom extending all fore & aft

100 A.I.

3" x 3" x 5/16"

31" x 5/16" for 1/2 L  
 ends 19" x 5/16"

iron deck 5/16" for whole length

angle iron beam 4" x 2 1/2" x 5/16"  
 spaced 21"

double angle iron  
 2 1/2" x 2 1/2" x 5/16"

forecastle.

raised quarter deck for 1/2 length

6" for half  
 length  
 at break 6/16"

Sheerstrake doubled  
 in way of break.

1/2 breadth 11.5

depth 12.0

1/2 girth 21.3

I number 44.8

II number 142.72 x 44.8 = 6394

110 = 639

number for chains & anchors 7033

2 bowsers 7 1/4 best steel shack

1 stream 2 1/2 "

1 kedge 1 "

165 fathoms 1 "

45 " 1 1/16 "

75 " towline 7 1/2 "

99 " hawser 5 1/2 "

3 x 3 x 6/16"  
 for 1/2 L  
 55 at end.

3" x 3" x 5/16"

ceiling 2 1/2"  
 5/16" under engine and boilers 10/16"

31" x 5/16" for 1/2 L ends 19" x 5/16"

Bulk double riveted

double riveted.

double angle iron on top  
 of side girders for 1/2 L.  
 but over single.

3" x 3" x 5/16"

30" x 5/16" at end 7/16" strake  
 built for 1/2 L thicker  
 and fields melted

double rivetted

16/16" - 5/16"

single rivetted

7/16" - 6/16"

6/16" - 5/16"

double.

7/16" - 6/16"

But straps of two strakes  
 of plating at the Bilge  
 to be 1/2 thicker than  
 the plates and to be  
 riveted for half length.

Bracket floors 5/16" thick  
 at every second frame  
 under engine at every frame.