

Murphy Sutler

**R.H. HAWK**

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Ant 5962

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Lloyd's Register  
Foundation

# Construction No. 23.



## Midship Section Scale 1:50"

- 100 A1 Lloyd. 3 deck rules.

Equipment number = 28582 +  $\frac{28582 \times 106}{318} = 32020$

4.12.02  
17.12.02  
29.12.02  
31.1.03

2 Bch bower anchors stockless  $4\frac{1}{2}$  cwt each  
1 Bower " " 39 cwt.  
1 Stream anchor  $11\frac{1}{4}$  " excl. stock.  
1 Ridge anchor  $5\frac{1}{2}$  "

270 fathoms Stud chain  $1\frac{15}{16}$ "  
90 " Steel wire  $4\frac{1}{4}$ "  
100 " Hems towline 12 or 4" Steel wire

Hawsers & Warps.

2 of 90 fathoms of 7"  
2 of 90 fathoms of 6"

### Numerals:

$\frac{1}{2}$ Girth	43.164
$\frac{1}{2}$ Breadth mld	22.250
Depth	24.463
	89.880 Frames
	7
	82.880 Floors, pillars, bulkheads.
	318 length per rule.
	56 3 04
	82 8 8
	248 5 4
	26355, 84 2 Number.

### Dimensions

Length between PP - 320' 0"  
Breadth mld - 44' 6"  
Depth mld - 23' 6"

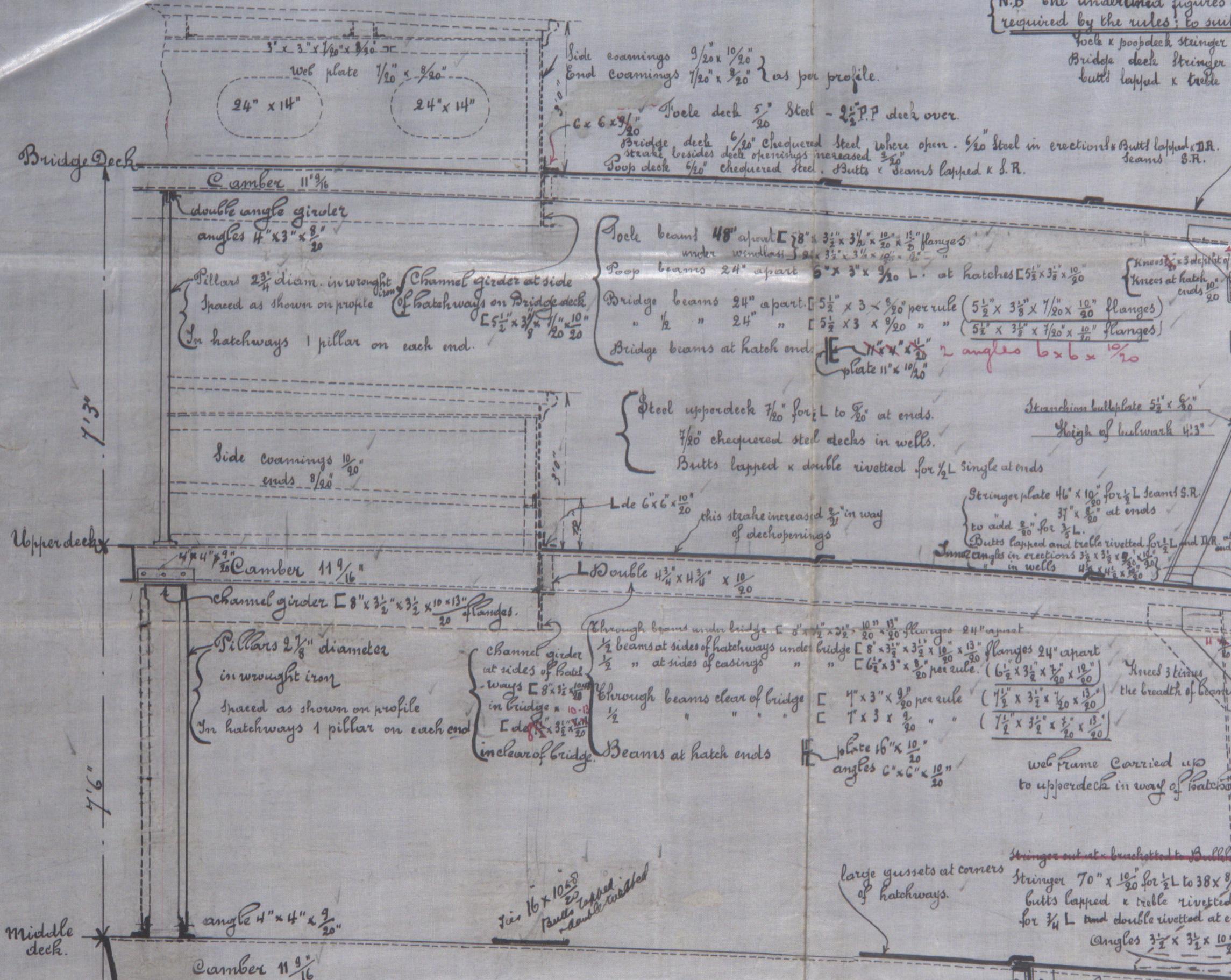
$\frac{L}{B} = 7.18$   
 $\frac{L}{D} = 12.99$

(N.B. The underlined figures are those proposed; instead of sections required by the rules: to suit makers profiles.)

Bridge & poopdeck stringer  $2\frac{1}{2} \times \frac{1}{10}$  angle  $3\frac{1}{2} \times \frac{1}{10}$  built lapped & double riveted.

Bridge deck stringer  $40 \times \frac{10}{20}$  to  $20$  angles  $3\frac{1}{2} \times \frac{1}{10}$

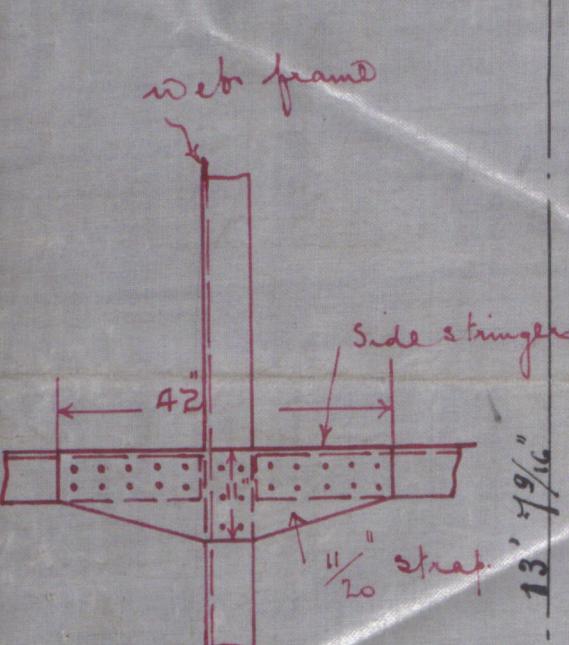
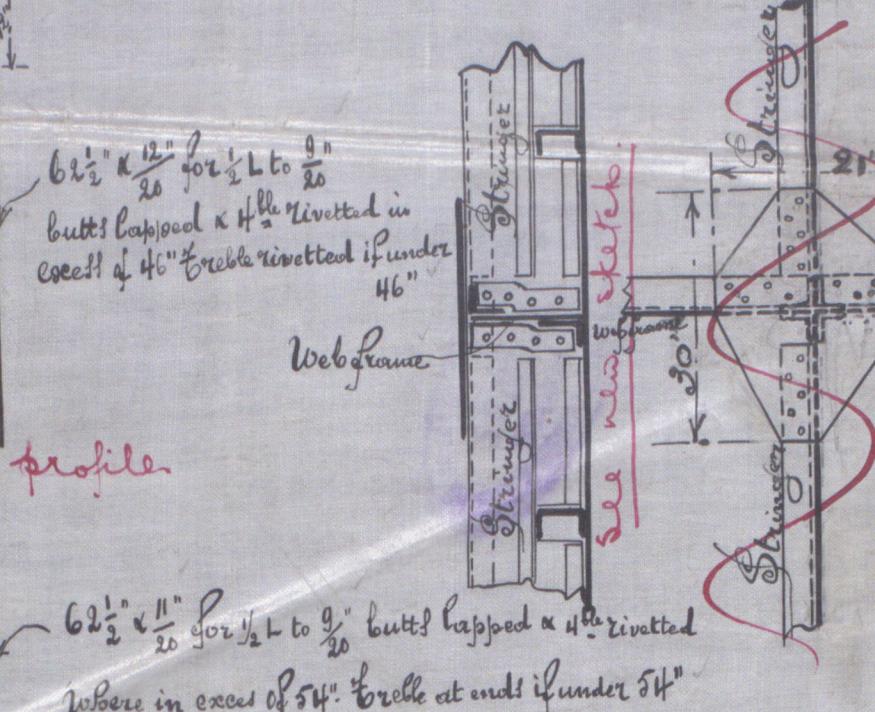
built lapped & double riveted for  $\frac{3}{4}$  length. Double at ends.



Dimensions and materials for the superstructure and bridge area:

- Bridge deck stringer  $53 \times \frac{11}{20}$  built lapped & double riveted.
- Poop deck sides  $\frac{1}{10}$  built overlapped to deep keel & double riveted.
- 5 $\frac{1}{2} \times 3$  bulbangle rail, solid moulding  $3 \times 1$ .
- Double riveted seam in Bridge, Single riveted seam in Poop & Poop.
- Bridge sides  $\frac{9}{20}$  built lapped T.D.R. to add  $\frac{2}{10}$  for  $\frac{1}{2} L$  to  $\frac{1}{20}$ . Poop & Poop  $\frac{9}{20}$  " " D.R. (in lieu of strake below sheerstrake).
- Bulwark  $\frac{5}{20}$  Double riveted in Bridge, Single " in Poop. Poop & Bulwark.
- Sheerstrake  $42 \times \frac{11}{20}$  for  $\frac{1}{2} L$  to  $\frac{1}{20}$  at ends.  $\frac{1}{2}$  to add for  $\frac{1}{2} L$ . Double at ends. Butts lapped & triple riveted for whole length.
- D.R. 6" long. 4" Rivets.
- 60 $\times \frac{11}{20}$  for  $\frac{1}{2} L$  to  $\frac{1}{20}$ . Butts lapped &  $\frac{1}{2}$  riveted where in excess of 54". Triple riveted if under 54".

All layers from this to heel  $5\frac{1}{2}$  overlap & double riveted  $\frac{1}{8}$  Rivets.



Notes on the hull structure:

- Flat plate keel:  $168 \times \frac{16}{20}$  for  $\frac{1}{2} L$  to  $\frac{12}{20}$  at ends. Butt lapped &  $\frac{1}{2}$  riveted where in excess of 54". Eccles riveted where under 54". To add  $\frac{1}{2}$  for  $\frac{1}{2} L$  for doubling. Butt strengthened &  $\frac{1}{2}$  riveted. Straps  $20 \times 20 \frac{11}{20}$  at ends. The flat keel & the garboard strake are increased  $\frac{1}{2} L$  instead of doubling  $\frac{1}{2} L$  to flat plate keel.
- Garboard  $64\frac{1}{2} \times 12$  for  $\frac{1}{2} L$  to  $\frac{20}{20}$ . Butt lapped &  $\frac{1}{2}$  riveted where in excess of 54". Eccles riveted where under 54". To add  $\frac{1}{2}$  for  $\frac{1}{2} L$  for doubling. Butt lapped &  $\frac{1}{2}$  riveted where in excess of 46". Eccles riveted if under 46".
- On alternate frames  $64\frac{1}{2} \times 12 \times 9$ . Butt lapped &  $\frac{1}{2}$  riveted where in excess of 46". Eccles " under 46".
- On all frames  $66\frac{1}{2} \times \frac{11}{20}$ . Butt lapped &  $\frac{1}{2}$  riveted where in excess of 54". Eccles " under 54".
- Large angle for  $\frac{1}{2}$  Lm. and in way of unhammed hatchways.
- Frames to be doubled forward in double bottom. This space to have floor plate fitted in way of web frames.