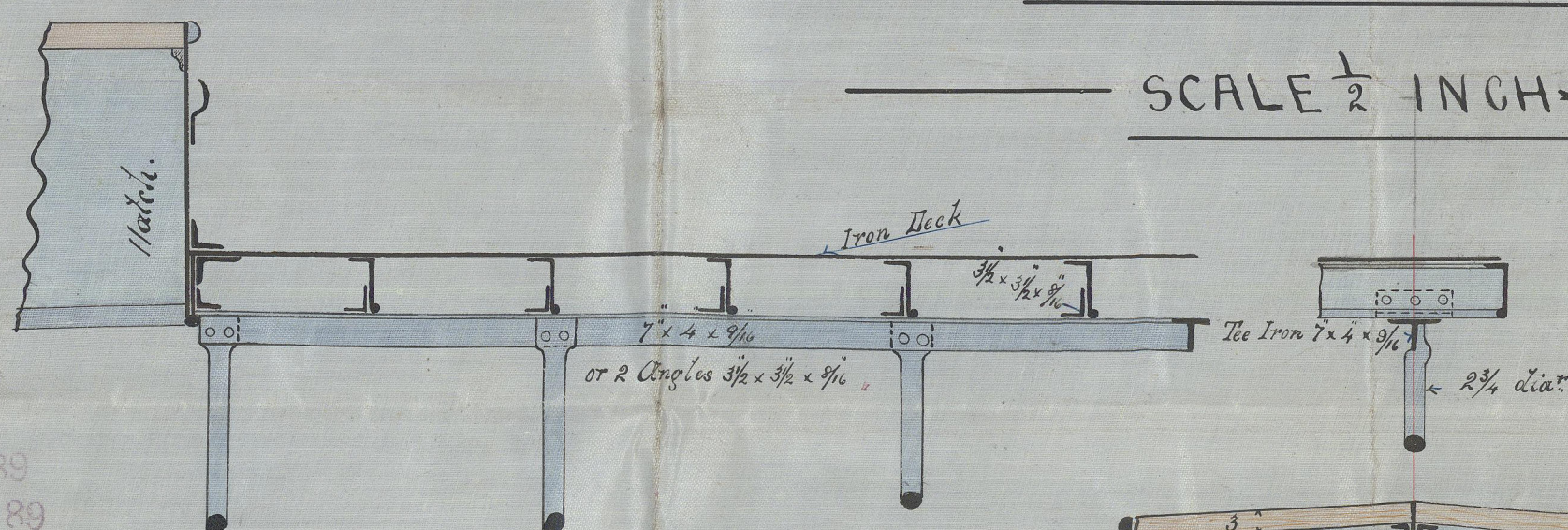


# No 90

"Mayhill"  
Report No. 5354.

SCALE  $\frac{1}{2}$  INCH = 1 FOOT



THU 14 MAR 89  
MON 11 APR 89

## MIDSHIP SECTION of an Iron & Steel Sailing Vessel to Class 100.A in Lloyd's Register

Note. Frames, Floors, Stringer plates & Angles Keelsons  
Pillars. Hatch Coamings. Bulwarks. Keel & Mast to be Iron  
Shell Plating & Beams to be of Steel

Dundee  
26<sup>th</sup> Feb 1889

Poop. about 36 feet long.

- Beams. Single Angle  $5 \times 3 \times \frac{3}{8}$  if under 38 feet measure 5
- Stringer Plate  $2 \frac{1}{2} \times \frac{1}{2}$  Bulwarks  $8 \times \frac{1}{2}$
- Tie Plates  $12 \times \frac{1}{2}$  double riveted Butts.
- Stringer Angle  $5 \times 3 \times \frac{3}{8}$ . Flat of Deck  $5 \times 5$ .
- Side Plating  $\frac{1}{16}$  Single riveted. Butts  $5 \times \frac{1}{2}$ .
- Forecastle
- Beams. Butts  $7 \times \frac{1}{2}$  Angles  $5 \times 3 \times \frac{3}{8}$  if under 38 feet measure 5
- Stringer Plate  $2 \frac{1}{2} \times \frac{1}{2}$  Bulwarks  $8 \times \frac{1}{2}$
- Tie Plates  $12 \times \frac{1}{2}$  double riveted Butts.
- Stringer Angles  $5 \times 3 \times \frac{3}{8}$ . Flat of Deck  $5 \times 5$ .
- Side Plating  $\frac{1}{16}$  Single riveted. Butts  $5 \times \frac{1}{2}$ .

### DIMENSIONS

LENGTH between PERPENDICULARS	286.0
— DE — (as per) — RULE	284.0
BREADTH MOULDED	40.75
DEPTH — DE —	25.20
— DE — 9° HOLD	23.75
— DE — from top of KEEL to top of MAIN DECK BEAMS	28.12
GIRTH of half MIDSHIP SECTION	41.41

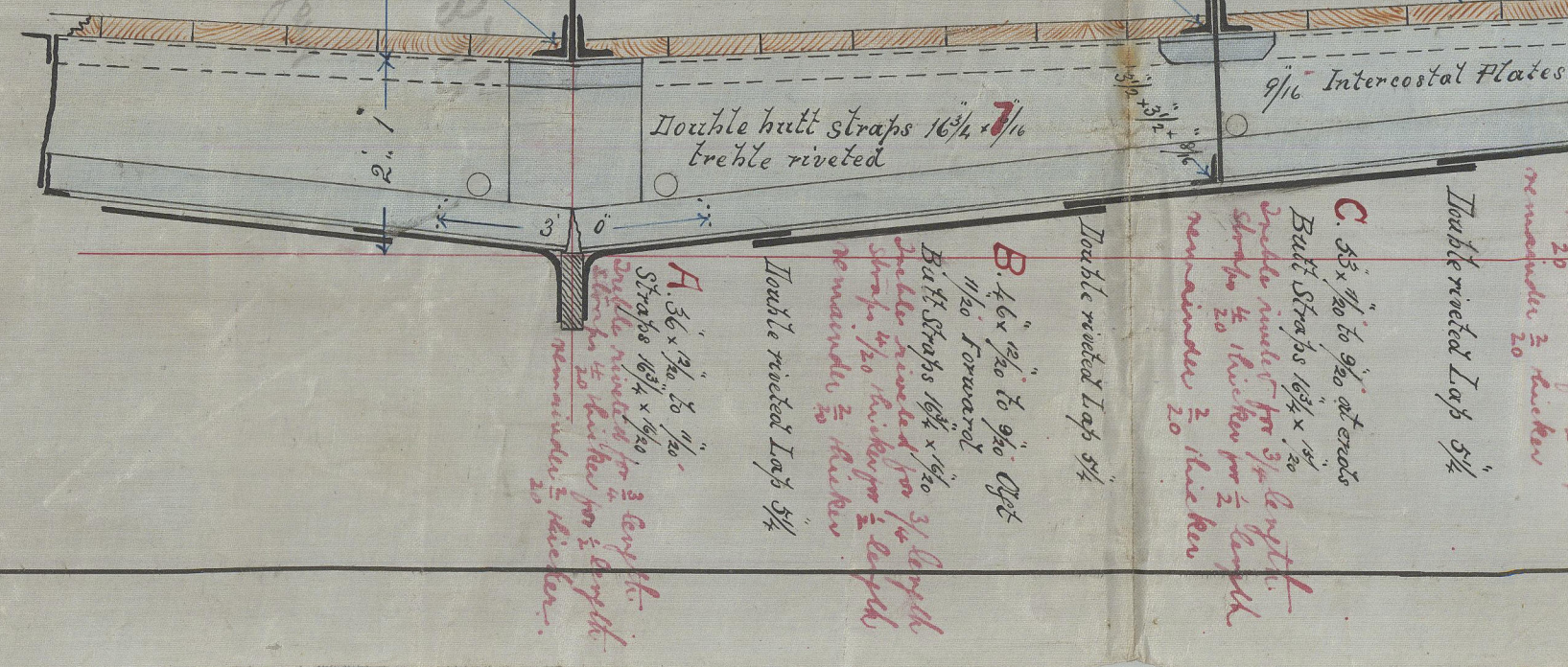
### Chains & Anchors

1 Bower 13-0-0	100	100
1 No 2-0-0	100	100
1 No 3-0-0	100	100
Collective 114-0-0	100	100
1 Stream 12-0-0	100	100
1 Kedg 6-0-0	100	100
1 No 3-0-0	100	100
270. Fathoms of $2 \frac{1}{2}$ Stud Chain Cables	100	100
100. No 1 $1 \frac{1}{2}$ Stream Chain	100	100
90. No 12 Hemp or 1 Steel Towline	100	100
90. No each 11 & 7 Hemp Hawseers.	100	100

### Minerals

Half Girth	41.41
Half Beam	20.37
Whole Length	26.12
1st Number	87.90
Length as per Rule	284.0
2nd Number	249.63
Equip Number 1/10 added 26.27	
Beam to Length	6.96
Depth to Length	10.87

Rider Plate  $13 \times \frac{1}{2}$  to  $\frac{1}{4}$   
Vertical Plate  $19 \times \frac{1}{2}$  to  $\frac{1}{4}$   
Angles  $6 \times 2 \times \frac{1}{2}$  to  $\frac{1}{4}$



Main Rail Channel Iron  $10 \times 5 \times \frac{1}{2}$   
Greenheart facing  $6 \times 1$

Topgallant Rail Hollow & Solid C&S Iron  $8 \times \frac{1}{2}$

Bulwarks  $16 \times \frac{1}{2}$  Iron. Butts Straps  $6 \times \frac{1}{2}$  single riveted.

Stringer Plates

Sheer Strake  $12 \times \frac{1}{2}$  to  $\frac{1}{4}$  at ends.  
Butts Straps  $19 \times \frac{1}{2}$  for  $\frac{1}{2}$  length. one inch rivets.  
treble riveted for  $\frac{1}{2}$  length.  $\frac{1}{2}$  thicker  $\frac{1}{2}$  length remainder  $\frac{1}{2}$  thicker.

Double riveted Lap  $5 \frac{1}{2} \times \frac{1}{2}$  rivets.

46  $\times \frac{1}{2}$  to  $\frac{1}{4}$  Aft.  $\frac{1}{2}$  Forward.  
Butts Straps  $16 \frac{1}{2} \times \frac{1}{2}$  for  $\frac{1}{2}$  length.  $\frac{1}{2}$  rivets.  
treble riveted for  $\frac{1}{2}$  length.  $\frac{1}{2}$  thicker  $\frac{1}{2}$  length remainder  $\frac{1}{2}$  thicker.

Double riveted Lap  $5 \frac{1}{2} \times \frac{1}{2}$  rivets.

53  $\times \frac{1}{2}$  to  $\frac{1}{4}$  at ends.  
Butts Straps  $16 \frac{1}{2} \times \frac{1}{2}$  for  $\frac{1}{2}$  length.  $\frac{1}{2}$  rivets. treble riveted.  
for  $\frac{1}{2}$  length.  $\frac{1}{2}$  thicker  $\frac{1}{2}$  length remainder  $\frac{1}{2}$  thicker.

Double riveted Lap  $5 \frac{1}{2} \times \frac{1}{2}$  rivets.

46  $\times \frac{1}{2}$  to  $\frac{1}{4}$  Aft.  $\frac{1}{2}$  Forward.  
Butts Straps  $16 \frac{1}{2} \times \frac{1}{2}$  for  $\frac{1}{2}$  length.  $\frac{1}{2}$  rivets. treble riveted.  
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for  $\frac{1}{2}$  length.  $\frac{1}{2}$  thicker  $\frac{1}{2}$  length remainder  $\frac{1}{2}$  thicker.

Double riveted Lap  $5 \frac{1}{2} \times \frac{1}{2}$  rivets.

46  $\times \frac{1}{2}$  to  $\frac{1}{4}$  Aft.  $\frac{1}{2}$  Forward.  
Butts Straps  $16 \frac{1}{2} \times \frac{1}{2}$  for  $\frac{1}{2}$  length.  $\frac{1}{2}$  rivets. treble riveted.  
for  $\frac{1}{2}$  length.  $\frac{1}{2}$  thicker  $\frac{1}{2}$  length remainder  $\frac{1}{2}$  thicker.

Double riveted Lap  $5 \frac{1}{2} \times \frac{1}{2}$  rivets.

DUN14-0267



88 MAY 14 1888  
MON 1 APR 88

SECTION

James B. & Sons  
of  
St. John's

James B. & Sons  
of  
St. John's

James B. & Sons  
of  
St. John's

Midship Section  
of  
S. St. Sailing  
Ship  
"Mayhill."  
No. 90.  
A. Stephen & Sons  
Dun dee  
Report No. 5354.

DUN 114-0267



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Foundation