



254.85.  
8.6.85.  
8.8.85

Pop height 4'-1"  
Forecastle height 4'-0"

Deck 3"  
Pop Beams: Single Angle  $6\frac{1}{2} \times 3\frac{1}{2} \times 9\frac{1}{16}$   
Forecastle Beams: Bulb  $7\frac{1}{2} \times 7\frac{1}{2}$  Angles  $3 \times 3 \times 6\frac{1}{16}$

### Midship Section

Sailing Ship No. 267

Dis 2 1/4 To class 100-A at Lloyd's

Dimensions:- Length (Lloyd's) 250'-0"  
Breadth M<sup>d</sup> 39'-3"  
Depth (to floor) 22'-6"  
10' (at Centre) 25'-1"  
10' 24'-8"  
Dis 114' + 10 1/16 to 6 1/16

Beam Knee: Pop 16 1/2"  
Forecastle 19"

Alternate reverse frames in way of forecabin

Pop and Forecastle plating 6 1/16  
2 half round Mouldings forming Top Rail

Angle  $5 \times 3 \times 6\frac{1}{16}$

Bulwark Plating 6 1/16  
best doubling plates in wake of mooring pipes

Angles  $5\frac{1}{2} \times 4 \times 9\frac{1}{16}$  for  $3\frac{1}{2}$  to  $6\frac{1}{16}$   
Height of all Reverse

Sheerstrake 40' x 14 1/16 for 1/2 length to 12 1/16 at 3 1/4' length to 10 1/16 at ends

1 1/16 for 1/2 len to 9 1/16 aft and 10 1/16 for

10 1/16 to 6 1/16

Angles  $4 \times 4 \times 9\frac{1}{16}$  for  $3\frac{1}{2}$  to  $6\frac{1}{16}$

Beams: Bulb  $9\frac{1}{2} \times 9\frac{1}{2}$  less than 3/4" midship beam  $8\frac{1}{2} \times 9\frac{1}{16}$   
Angles  $3\frac{1}{2} \times 3\frac{1}{2} \times 7\frac{1}{16}$

1/2 Girth 40-06  
1/2 Girth 19-62  
Depth 25-08

frame No.  $84 \cdot 76 \times 250 = 21190$  Plating No.  
+ 15 = 22602 Equipt No.

### Proportions

Dis 3" Breadths to Length 6-36  
Depths to do 9-968

Bulkheads: Upper Half 6 1/16 } Stiffened with  $5 \times 3\frac{1}{2} \times 9\frac{1}{16}$  angles. Rudder diar at Head 6 1/16 at Head 3 1/4"  
Lower do 6 1/16

Deck 3" Dis 14' + 9 1/16 to 6 1/16

Lower Deck Stringer  $3\frac{1}{2} \times 9\frac{1}{16}$  to  $2\frac{1}{2} \times 6\frac{1}{16}$

Beams: Bulb  $9\frac{1}{2} \times 9\frac{1}{2}$  less than 3/4" midship beam  $8\frac{1}{2} \times 9\frac{1}{16}$   
Angles  $3\frac{1}{2} \times 3\frac{1}{2} \times 7\frac{1}{16}$

Equipt No. 22602

1 Power Anchor  $3\frac{1}{2}$  Cwt up shock } Collective 104 Cwt  
15 1/2 lighter  
1/2 1/2  
1 Stream Anchor  $11\frac{1}{4}$  Cwt up shock  
1 Kedge  $5\frac{1}{2}$   
2 2 1/4  
2 1/2 fathoms  $1\frac{1}{16}$  stud chain cables  
1 1/16 stream chain  
also Hawsers & Warps as per Lloyd's

The bulkheads of the Main Deck Stringer plates, sheerstrake and of four strakes of plating at the bilges to be 1 1/16 of an inch thicker than the plates they connect and be riveted for 1/2 length amidships. But of inside strakes exceeding 48" and outside strakes exceeding 48" in breadth to be triple riveted when within the half length.

Side Stringer: Bulb  $9\frac{1}{2} \times 9\frac{1}{2}$  fore & aft Angles  $5\frac{1}{2} \times 4 \times 9\frac{1}{16}$  for  $3\frac{1}{2}$  to  $6\frac{1}{16}$

1 1/16 for 1/2 len to 9 1/16 aft and 10 1/16 for

10 1/16 to 6 1/16

12 1/16 for 1/2 len to 10 1/16 aft and 11 1/16 for

Dis 14 1/4"

Pillars on every beam for 3/4" length and on every alternate before and aft this

Transom Plates  $3\frac{1}{2} \times 10\frac{1}{16}$

Bilge Handrails in lower hold to be fitted to every beam  $3\frac{1}{4}$  dia, from the fore hatch to the Mizzen Mast and 3' dia. pillars in lower decks to meet lower hold ones.

See Secretary's Letter 25 April 85 spanning 2"

Centre Keelson: Vertical plate  $18 \times 12\frac{1}{16}$  for 1/2 len to 11 1/16  
Rider plate  $12 \times 13\frac{1}{16}$  for over 3 1/4"  
Angles  $5\frac{1}{2} \times 4 \times 9\frac{1}{16}$  for  $3\frac{1}{2}$  to  $6\frac{1}{16}$

Upper Bilge Keelson: Bulb  $9\frac{1}{2} \times 9\frac{1}{2}$  for 1/2 len amidships Angles  $5\frac{1}{2} \times 4 \times 9\frac{1}{16}$  for  $3\frac{1}{2}$  to  $6\frac{1}{16}$

Side Keelson: Interstitial plate  $8\frac{1}{16}$  to  $7\frac{1}{16}$  Angles  $5\frac{1}{2} \times 4 \times 9\frac{1}{16}$  for  $3\frac{1}{2}$  to  $6\frac{1}{16}$

Lower Bilge Keelson: Angles  $5\frac{1}{2} \times 4 \times 9\frac{1}{16}$  for  $3\frac{1}{2}$  to  $6\frac{1}{16}$

Ceiling 3" to lower bilge keelson

Reverse frames  $3\frac{1}{2} \times 3\frac{1}{2} \times 9\frac{1}{16}$   
Floors  $31 \times 10\frac{1}{16}$  for 1/2 length to 6 1/16 at ends

Angles  $3 \times 3 \times 7\frac{1}{16}$  spaced 24" centre to centre

12 1/16 for 1/2 len to 10 1/16 aft and 11 1/16 for

Frames  $5 \times 3\frac{1}{2} \times 9\frac{1}{16}$  for  $3\frac{1}{2}$  to  $6\frac{1}{16}$  at ends

Keel  $9\frac{1}{2} \times 2\frac{1}{2}$   
Stem  $9 \times 2\frac{1}{2}$   
Post  $9 \times 2\frac{1}{2}$

Garboard Strake  $36 \times 12\frac{1}{16}$  for 1/2 len to 11 1/16 at ends

Height of floors

11 1/16 to 9 1/16

2'-2"

triple triple

triple

J.H.  
24/4/85



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