# MIDSHIP SECTION

of Sailing Ship No 80 classed 100 A at Lloyd's

Dimensions

| | |
|---|---|
| Length of line of Main Dk. from aft side of Stem produced from below Cutwater to fore side of St. Post | 232' 9" |
| Breadth moulded | 36-10 |
| Half " | 18-5- |
| Depth from top of Keel to top of Main Dk. beam amids. | 24. 2½ |
| Half Girth " Midship frame to " " St. Plate | 37 3½ |
| 1st Numeral | 79.11 |
| 2nd " | 18600.0 |
| Equipment " according to Tonnage | |
| Breadths in length 6.31 | |
| Depths " " 9.61 | |

2/11/75

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Length of break Dr. dk. about 4 3'-0" from fore side of St. post

M. dk. beams of 34'-0" & under 36'-0" of bulb 6½ x 5/16 and 2 angles 3" x 3" x 7/16
" " " 32-0 " 34-0 " " 8" x " " " 6/16
" " " 30-0 " 32-0 " " 7½ x 7/16 " " " x " x "
" " " 28-0 " 30-0 " " 7" x " " " " x " x "
" " " under 28-0 " " 6½ x 6/16 " " " 2½ x 2½ x 10

Dk. 5" x 4" Gun'l plate

Lr. 11" x 8" for ½ Lgth. amids. 15/16" for ½ Lgth. Shifter & table & Lgth. 13/16" at ends.

Main dk. Stks. 15" x 7/16" for ½ Lgth. amids. tapering to 9" at ends. 9" thick for ½ Lgth. before & abaft ½ Lgth. and 8/16" at ends. Bult 7" high 7/16" thick for ½ Lgth. amids. Channel angle 5" x 4" x 8/16" fore & Lgth. amids and 5" x 4" x 6/16" at ends

M. Strake 40" x 12/16" for ½ Lgth. amids. 14/16" at fore end & reduced to 9/16" at after end.

Butt Straps 1/16" thicker than plates & double riveted for ½ Lgth. amids.

5¼" Double for ½ Lgth. forward
4½ " at after end

L. Strake 10/16" for ½ Lgth. amids reduced to 8/16" at ends.

5¼" Double for ½ Lgth. amids
4½ " at ends.

K. Strake 14/16" for ½ Lgth. amids, 9/16" at fore end & reduced to 8/16" at after end.

5¼" Double for ½ Lgth. amids
4½ " at ends.

I Strake 10/16" for ½ Lgth. amids & reduced to 8/16" at ends.

5¼" Double for ½ Lgth. amids
11½ " at ends.

H. Strake 9/16" for ½ Lgth. amids 9/16" at fore end and reduced to 8/16" at after end.

5¼" Double for ½ Lgth. amids
4½ " at ends.

G. Strake 11/16" for ½ Lgth. amids. reduced to 9/16" at ends. Butt. Straps 1/16" thicker than plates and double riveted for ½ Lgth. amids.

5¼" Double for ¾ Lgth. amids at ends.

Lr. dk. Stks 3 3/16" for ½ Lgth. amids. 26" x 5/16 at ends.

Height. Continues and one between Frames Main dk. 4" x 4" x 6/16 for ½ Lgth. amids 3½ x 4" x 6/16 at ends.

Lr. dk. beams of 36'-0" & under 38'-0" of bulb 9" x 9/16 and 2 Angles 3½" x 3" x 7/16
Other lengths reduced as per Main dk.

Frames 5" x 3½ x 6/16 for 3/5 Lgth. amids. and 5" x 3½ x 7/16 at ends Spaced 24" apart

Reverse frames 3½" x 9" x 6/16 to Main dk. Stks. on every frame. Lr. Main and Dr. dk. Stks. alternately at Dr. deck.

Floor plates 24" x 10/16 for ½ Lgth. amids, 9/16" for ¼ Lgth. before & abaft ½ Lgth. and 5/16 at ends.

Bulkheads 7/16 & 6/16 thick, stiffened with vertical angle irons 3½" x 3" x 5/16 spaced 30" apart on the one side, and 3" Angle irons 5" x 3" x 5/16 on the other, one placed in a line with Tween dk. and the other two divided equally and placed horizontally between Tween dk. and top of floors.

Hold Stanchions. One on every beam for ½ Lgth. amids on alternate beams before & abaft. 3⅜" dia in Holds and 2⅝" to Main dk.

Dia. of Rudder Stock at head 6" and at heel 3"
Stem 8½ x 2½", St. Post 5½ x 2½" and Keel 9" x 2½"

Rider plate 10" x 7/16" for ¾ Lgth. amids. Vertical angle plates 3½" x 3" x 7/16" for ½ Lgth. amids and 3" Angles as shown 5" x 4" x 6/16" for ½ Lgth. amids and 5" x 4" x 5/16" at ends.

Keelson

Intercostal plate 9/16" for ½ Lgth. amids. 7/16" at ends. 2 Angles as shown 5" x 4" x 7/16" for ½ Lgth. amids and 5" x 4" x 6/16" at ends.

5" x 4" x 6/16" for ½ Lgth. amids

5¼" Double for ¾ Lgth. amids at ends.

E. Strake 11/16" for ½ Lgth. amids 10/16" at forend and 8/16" at after end. Butt Straps 1/16" thicker than plates and double riveted for ½ Lgth. amids

5¼" Double for ½ Lgth. amids
4½ " at ends.

D. Strake 11/16" for ½ Lgth. amids reduced to 9/16" at ends. Butt Straps 1/16" thicker than plates and double riveted for ½ Lgth. amids.

5¼" Double for ½ Lgth. amids
4½ " at ends.

C. Strake 10/16" for ½ Lgth. amids reduced to 8/16" at after end.

5¼" Double for ½ Lgth. amids
4½ " at ends.

B. Strake 10/16" for ½ Lgth. amids reduced to 8/16" at ends.

5¼" Double for ½ Lgth. amids
11½ " at ends.

A. Strake 16" x 10/16" for ½ Lgth. amids and 1/16" at ends.

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