RECEIVED 20th FEB. 82.

MIDSHIP SECTION

IRON SCREW STEAMER

TO CLASS 100 A.1 ✠ THREE DECK RULE AT LOYDS

23.2.82

Dimensions

Half moulded Breadth ----- = 18.87
Depth from top of Keel ----- " 28.25
Half midship Girth ----- " 42.37
Length as for Rule ----- " 318.33

Numerals. 18.87 + 28.25 + 42.37 = ---7--- = ---82.49
" + " + " = . × 318.33 = --- 26259.07
" + " + " = . × 318.33 = --- 30386.50

Proportions 318.33 ÷ 28.25 = ----- 11.27 Depths to upper deck
÷ 20.75 = ----- 15.34 " " Main "
" ÷ 37.74 = ----- 8.43 Moulded Breadth

Fine deck 3½ thick

Iron decks 6/16 for ½ to 5/16

Bulb 8 × 8/16 angles 3×3×6/16

Top Gallant Forecastle

Beams Bulb 7 × 7/16 angles 3×3×6/16
Stringer Plate 24 × 6/16 angles 3½ × 3 × 7/16
Flat of decks ------ 3 Fine

2⅝ Dia.

Poop

Beams --- 6½ × 3 × 8/16 Angle
Stringer Plate 24 × 6/16 Angles 3½ × 3 × 7/16
Flat of decks ----- 3 Fine

Iron decks 6/16 for ½ to 5/16

Bulb 10 Angles 3½ × 3½ × 7/16

Bulb angle
6½ × 3 × 9/16 on covey frame

Bulb at Hatch beams 9 × 9/16 angles 3½ × 3 × 7/16
Stem 10 × 2¾ at load line tapering to 7½ × 2¾ at head
Stem Post 10 × 5/16 to Counter " " 7½ × 5½ " "
Rudder Stock 7¾ Dia. Keel 3¾ plating 6/16
Frames 5 × 3½ × 8/16 for 3/5 length theme to ends 7/16 thick Spaced 24"
Reverse Frames 3½ × 3½ × 8/16 extending to upper part of Main & Beam & Stringer angle iron to main and upper decks alternatively.
Bulkheads — Plates lower half 7/16 upper 6/16 angles 3½ × 3½ × 7/16 Spaced 30"

3 Dia.

Top plate 9 × 9/16

Bulb 10 × 10/16 Angles 4 × 4 × 9/16 on every 8 frames

Bridge

thos: extending to main Decks
3 7/8
3½ Dia.
Beams — 6½ × 3 × 8/16 angle
Stringer 24 × 6/16
" Angles 3½ × 3 × 9/16

Note. Butts Straps of top plating in ballast tanks to be doubled riveted for ½ length

Top plate 54 × 9/16 for ½ to 7/16
Vertical plate 10/16 for ½ to 8/16
Angles 3½ × 3½ × 6/16
Angles 6 × 4 × 9/16 to 8/16
Double riveted landing for ½ length
Single riveted

Top plating 6/16 8/16 in E. et B Space
All longitudinal plates 7/16
All Bracket " 7/16
All longitudinal Brackets. Transversal angles 3½ × 3½ × 7/16
Ceiling 2½ Plate 7/16
" Angles 4 × 4 × 8/16

7/16
3½ × 3½ × 8/16
3½ × 3½ × 8/16
3½ × 3½ × 8/16
7/16

3½ × 3½ × 8/16 10/16 for ½ lengths ends 9/16
10/16 for ½ lengths ends 9/16
36 × 12/16 for ½ to 11/16
Side Plates 10 × 1 1/16

7/16 for ½ lengths to 9/16 ends

Frames strength Centre plate and doubling angle irons fitted at middle line

Anchors

2 Bower Anchors 36½ Cts and Stock — Cast Steel
1 do. do. 31 " " "
1 Stream do. 14¼ " " "
1 Kedge do. 5½ " " "

Cables

3 Bower Cables of 1 15/16 Stud chain Cable Best 61½ Fathoms
90 " 1 8/16 Stream cable

Hawsers and Steers

One 4 inch Steel Wire Hawser {Equivalent to 12 1/2 inch Hemp} 100 Fathoms
" 3 " " " 9 " " 90 "
" 10 " Hemp " " 90 "
Two 7 " Hawser " " 90 "
" " " " " "
" " " " " "
Five 5 " Steers " " 90 "

9 × 3 Wood rail
3½ × 3 × 6/16
5/16 Bulwark plating
Sides of poop and forecastle 6/16
Stanchions 1⅝ Dia.
Gutter angles 3 × 3 × 7/16
Stringer " 4 × 4 × 9/16 to 8/16
Stringer Plate 46 × 8/16 for ½ to 37 × 7/16 see portlists Table. G.L.
Butts straps 1/16 thicker and treble rivetted for ½ length
Sheer strake 40 × 14/16 for ½ length to 10/16 at ends
Butts straps 1/16 thicker and treble rivetted for ½ length
Doubling plate 12 × 14/16 for ½ length as Compensation for side lights

12/16 for ½ length to 9/16 at ends

Stringer Plate 46 × 9/16 for ½ to 37 × 9/16
Butts Straps 1/16 thicker and treble rivetted for ½ length
Stringer angles 4 × 4 × 9/16 for 3/5 to ends 8/16

11/16 for ½ length to 9/16 at ends

11/16 for ½ length to 9/16 at ends

11/16 for ½ length to 9/16 at ends

Kas angles 6 × 4 × 9/16
Stringer Plate 41 × 9/16 for ½ to 32 × 8/16 at ends
Angles 4 × 4 × 9/16 for 3/5 to ends 8/16

11/16 for ½ length to 9/16 at ends

11/16 for ½ length to 9/16 at ends
Plate for 3/5 length 9/16 thick
Keelson angles 6 × 4 × 9/16 for 3/5 to 8/16 at ends
Intercostal angles 3½ × 3½ × 8/16

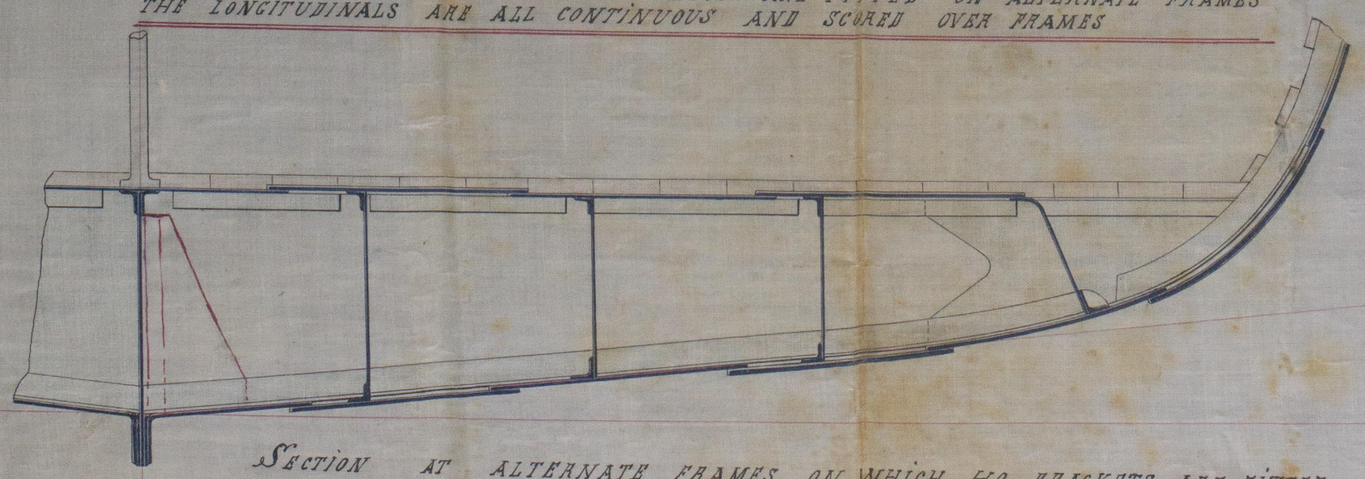
12/16 for ½ length to 9/16 at ends
Butt Straps 1/16 thicker and treble rivetted for ½ length

12/16 for ½ length to 9/16 at ends
Butt Straps 1/16 thicker and treble rivetted for ½ length

7/16 Bracket plate

11/16 for ½ length to 9/16 at ends
Butts 1/16 thicker and treble rivetted for ½ length

THE BRACKET PLATES AS SHOWN ABOVE ARE FITTED ON ALTERNATE FRAMES
THE LONGITUDINALS ARE ALL CONTINUOUS AND SCORED OVER FRAMES



SECTION AT ALTERNATE FRAMES ON WHICH NO BRACKETS ARE FITTED

Scale ½ inch to a foot

Scala 1/2 per piede

© 2020 Lloyd's Register Foundation GEN1112-0073