Length of Vessel measured on Main deck from ~~fore~~ part of Stem post to the ~~after~~ part of Stem 298 ft.

Midship Section of a Iron 3 Deck Iron Screw Steamer

Dimensions

Length between perpendiculars 300 – 0

Depth from Keel to top Beam 34 – 14 – 0

Depth from Keel to top upper deck Beams 23 – 6

March 18th 1871

Scale 1/2 = 1 foot

Numerals for remainder of Scantling

67.3 – girth to main deck
17.0 – half beam
18.9 – depth to main deck
67.3 × 2.98 = 200.05.50

Numerals for Centre Keelsons & Floors

38.4 – girth to upper deck
17.0 – ½ beam
35.9 depth to upper deck
81.08 × 298 = 24324.00

Rec 29/3/71

81.08 and 24324.00 } For Centre Keelsons & Floors

67.3 and 20005.50 } For remainder of Scantling

100A class

Diagonals same size as Tie Plates

upper Main beam 6½×7/16 – angles 2½×2½×5/16 –

Main Sheer Strake 11/16 thick

Main Sheer Strake 11/16

Sheer Strake 8/16 9/16

Main Sheer Strake 10/16 for 3/4 Vessels with Midships

Compensating Stringer between beams 16ft apart

Frames 4×3×7/16
Reverse frames 3×3×7/16

Beams required 16ft apart in Tween deck Iron

Deep angles 3×3½×6/16

Perpendiculars of Vessel
Over 8 breadths to length
" 12 depths to length at upper deck
" depth to length at Middle deck

One Strake of Bilge plating to be doubled for 3/5 length amidships

Intercostal plate 9/16 for ½ length of bilge

Plate 9×9/16

Floors 24×10/16

Garboard 12/16 Keel 10×2½

from Garboard Strake to upper turn of Bilge 11/16 thick

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