"Glengelder"

38.4.80

MIDSHIP SECTION
OF
Nº 304

DIMENSIONS

	Ft
LENGTH BETWEEN PERPENDICULARS	195
BREADTH EXTREME	31
DEPTH IN HOLD	13.5

Class 100 A1

Section of Quarter Deck

Section of Bridge

Numerals for Scantling

Half Moulded Breadth 15.45
Depth from Top of Upper deck Beams to Top of Keel 15.12
Girth of Half Midship Section 27.45

1st Number 58.32
Length as per Rule 194
23328
52488
5832
2nd Number 1131408

6.27 Breadths to the length
12.52 Depths "

Deck Plates 6/16 Butts double riveted for Half The Length

Beams of angle iron 5½×3×7/16 on every frame

Bulb Beams bulb 4½×7/16 Angles 6×3½×7/16

Sheerstrake to be doubled for 130 feet Amidships with Plate 27"×5/16

Height of Reverse bars on alternate frames

Height of Reverse bars on alternate frames

Plate 18"×5/16

Moveable deck in Fore Hold

Beam on every Fourth frame

Bracket plates on alternate frames

Beam on every 4th and 5th frame alternately

Bilge Stringer

Frames Spaced 22" from centre to centre

Top of Tank 5/16 Thick

Ceiling 2½

Bulkheads 5/16 Thick

Double Reverse Bars in Engine & Boiler Space

Floor plates 7/16 Thicker " "

Butts of Floors lapped & Treble riveted

Keel Plate 33"×12"/16 for ½ The length & 9/16 at ends

Butt straps treble riveted & ½ Thicker

Butts & diamonds as usual

Equipment Number 1244.5

2 Bower anchors 15½ cwt ex sloke
1 " " 13 " " "
1 Stream " 5½ " " "
1st Hedge " 2½ " " "
2nd " " 1½ " " "
210 fathoms of 1 3/16 Stud Chain Cable
60 " " 14/16 Stream Chain
Also Hawsers & Warps according to Rule

2 3/4 Diam. Pillars on every beam for 3/5ths The length.

The Butt straps of the upper deck Stringer plate the Sheerstrake & two strakes of plating at the bilge to be 1/16 thicker than the plates they connect & Treble riveted

15.45

Butts of Floors lapped & Treble riveted

Reverse Bars 3×3½×6/16

Bulb 7×7/16

Deck 3"

Angle iron 4½×3½×7/16 for 28½ long

Stringer plate 27½×6/16

Angle iron 3×3×6/16

Height of Reverse bars on alternate frames

12"/16 for 3/4ths The length & 5/16 at ends

Stringer in way of Hatches & Engine Boiler Space 27"×6/16

Plate 12"×7/16 angles 4½×3½×7/16

5/16 & 7/16 at ends

7/16 & 7/16 at ends

Butts & diamonds as usual

Angles 3×3×6/16 Bulb 7×7/16

9/16 & 7/16 at ends

Butts double riveted for Half The Length

Angles 3½×3×6/16 Bulb 7×7/16

Stringer plate 25"×6/16

Angle iron 4½×3½×7/16

Sheerstrake

Angle irons 3½×3½×7/16 & 11"×7/16 at ends

Stringer Plate 25"×6/16

Angle iron 4½×3½×7/16

Bulb 7×7/16

Angle iron 4½×3½×7/16 for ½ The length

Flange plate 6/16

Angle iron 3×2½×6/16

3×3×7/16

3×2½×6/16

3×2½×6/16

6/16

6/16

6/16

3×2½×6/16

Bilge plate 9½×9/16 & 5/16

Angle iron 4½×3×7/16

Plate 12½ 9/16 & 5/16

Ceiling 2½

Floor plates 14"×7/16 & 9/16 at ends

Intercostal plate 17"×7/16

Angles 3×2½×6/16

Angles 3×3×6/16

Frame doubled.

53"

53"

53"

55"

Butts double riveted

Angle iron 3×2½×6/16

Bulb 7×7/16

Butts double riveted

Angle iron 4½×3½×7/16

Butts & diamonds as usual

Angles 3×3×6/16

Bulb 7×7/16

9/16 & 7/16 at ends

9/16 & 7/16 at ends

9/16 & 7/16 at ends

Force

* Butt straps of outside strakes of plating exceeding 44 inches broad. to be treble riveted as required by the Rules

SCALE ½ INCH TO A FOOT

Alexander Hall & Co
Shipbuilders
ABERDEEN.

31/4/80 Recd 25/4/80

22/4/80

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