Ship "Foyle" Report No. 10.960

MIDSHIP SECTION

of

IRON SAILING SHIP

No 141

	Ft.	In.
Length between perps.	280.	0
Breadth	38.	6
Depth in Hold to top of floors	24.	2

Class 100 A

Scale ½ inch = 1 foot.

Rec 11/2/74 & 22/4/74

Beam and frame 5½ × 4 × 9/16 / 3½ × 3½ × 9/16 in addition & 21/3/74 & 29/3/74

No 49½

If Forp exceeds 5 7½ ft. Sponsons and Stringer plate to be strengthened per Sea. 44.

Tie plates 11 × 10/16 to 8/16 — Deck 4 inches

Bulbs 9 × 9/16 to 6½ × 6/16

Angles 3½ × 3 × 7/16 to 2½ × 2½ × 5/16

2 5/8 diar

Stringer plate 46 × 10/16 for 3/8ths length & 27 × 8/16 at Ends

Stringer Butts triple for ½ length & Butts 5 Strips ½ thicker than plates viz 11/16 & 14½ inches wide

Tie plates 11 × 9/16 to 7/16 Ends — Deck 3 inches

Bulb Beams 9½ × 9/16 to 6½ × 6/16 Ends
Angles 3½ × 3½ × 9/16 to 2½ × 2½ × 5/16
} on alternate frames

Lower deck stringer 30 × 9/16 for ½ length & 22 × 7/16 at Ends

Main frames 5 × 3½ × 8/16 & to 7/16 Ends 24 ins spacing
Reverse do 3½ × 3½ × 8/16 to Hold Beams & main Deck } alternately
Bulkhead plates 7/16 to 4/16
Rudder Head 6 ins Heel 3¼

Numerals as per Rule
½ Girth 39.83
½ Breadth 19.25
Depth 26.33
85.41 × 230 = 19644

Proportions Under 9 Depths & 6 Breadths.

16.3

3½ diar

Numeral for Anchors and Chains } 21.608

3 Bowers 2 36½ cwts and 1 31 cwts
1 Stream 14 "
2 Kedges 1st Kedge 4 cwts 2nd Kedge 3½ cwts
8 Stud chain cables 1 15/16 270 fathoms
Hawsers & Warps 1¼ chain or 11 inch Rope Stream 90 fath
One 10½ Hawser 90 fathoms
One 6½ Warp 90 fathoms

Bulb 10 × 9/16 — Angles 5½ × 4 × 9/16 to 8/16 — Ceiling 2½

Angles 5½ × 4 × 9/16 to 8/16

Intercostal centre plate 8/16

If floor plates 25 × 10/16 for ½ length & 8/16 Ends
Moulded at 14/5 from Mid Line = 12½

Keel 9½ × 2½
Stem & Stern Posts 9 × 2½

Side plate 6/16

Angle 2½ × 2½ × 7/16

Angle 5½ × 3½ × 7/16

Bulb marks 5/16

Stays spaced 6 feet with Butt Strap to each Stay.

Angle 5½ × 4 × 9/16 to 6/16 / 3½ × 3 × 7/16

Sheer Strake 40 × 13/16 & to 10/16 at Ends

Bulb 9 × 9/16 for ½ the length
Angles 5½ × 4 × 9/16 to 8/16

Bulb Strips 6 Strakes marked A to be Triple Rivetted for ½ length & Strips 23/32 thick × 16¾ wide

Bulb Strips 6 Strakes marked A to be Triple Rivetted for ½ length & Strips 13/16 thick × 16¾ wide in lieu of Sheer deck Stringer

for 3/5 length
Angles 4 × 4 × 9/16 to 8/16

for 3/5 length
Angles 5½ × 4 × 9/16 to 8/16 ends

11/16 to 9/16 except

3½ × 3 × 6/16 angles proposed by Builder and approved by Surveyor See Surveyors Letter 19/9/1874. For 130 feet amidships See Letter 30/9/1874.

6 Lengths of angle bars right and thro Stringer on port side and 5 on Starboard side to suit Lines adjoining from 25 to 30 feet in length. See Surveyors Letter 25/9/1874.

3 × 3 × 6/16 for 100 feet amidships See Surveyors Letter 30/9/1874.

8 Lengths port side and 8 Lengths Starboard side. Keys to be 4 feet.

3 Keys thro Port side and 4 feet long.

6 Lengths on Starboard side 3 on Stringer 30 feet long.

Bulb 9 × 9/16 for ½ the length
Angles 5½ × 4 × 9/16 to 8/16

Bulb Strips 6 Strakes marked A to be Triple Rivetted for ½ length & Strips 23/32 thick × 16¾ wide

11/16 to 9/16 except

11/16 to 8/16

12/16 to 9/16

12/16 to 9/16 except

12/16 to 9/16

Letter & Sponsons
Sunderland 1/10/74

13/2/74

27/4/74

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