MIDSHIP SECTION
IRON SCREW STEAMER
No 253

"Catania"
S.S.
Glasgow Report dr 5360

2.7.80

To Class 100 A.1 at Lloyds.- 3 Deck Rule.

Dimensions.

Length as per rule	313.33.
Half moulded Breadth	17.66
Depths from Top of Keel	26.5
Half midship Girth	40.25

Numerals — 17.66 + 26.5 + 40.25 − 7 = 77.41 Thwartships.
" + − + " − × 313.33 = 24254.87 Longitudinal.
" + − + − × 313.33 ÷ 10 = 29093. Outfit.

Proportions.

313.33 ÷ 35.32 = 8.87 moulded Breadth.
" ÷ 26.5 = 11.82 Depths from Top of Keel to O.D.
" ÷ 18.92 = 16.56 " to Main deck.

Iron deck 6/16- for ½ length ends 5/16.

Single Lugs 3½ x 3½ x 7/16
Double Angles. 3½ x 3½ x 7/16

Beams 6 x 3 x 8/16 on every frame-
Bulb 8½ x 8/16 Angles 3 x 3 x 7/16 at ends of Hatches—

Poop ... Beams & Angle. 6 x 3 x 8/16.
Stringers ... 24 x 6/16 - Angle. 3½ x 3 x 6/16.
Decks --- 3" pine -

Hold ... Beams & Bulb 6½ x 6/16 Angle 3 x 2¾ x 5/16.
Stringers -- 24 x 6/16 - " 3½ x 3 x 6/16.
Decks --- 3" pine. . .

Bridge- Beams. of Angle- 6 x 3 x 8/16
Stringers -- 18 x 6/16 Angles 3½ x 3 x 6/16.
Decks --- 3" pine.

Iron deck 6/16 for ½ length ends 5/16

2 5/8 dia

Single Lugs 3½ x 3½ x 7/16
Double Angles. 3½ x 3½ x 7/16

Beams. 6 x 3 x 8/16 on every frame.
Bulb 8½ x 8/16 Angles 3 x 3 x 7/16 at ends of Hatches.

Stem ..... 10 x 2¾ at load line to 7½ x 2¾ at head.
Stern Post .... 10 x 5½ to Counter. 7½ x 5½. Head.
Rudder ..... Steel 7½ dia. keel 3¾ - Plating 6/16.

Frames ---- 5 x 3 x 8/16 for 3/5ths thence to ends 5 x 3 x 7/16. Spaced 24"
Reverse frames- 3½ x 3 x 8/16. extending to Beam and Upper decks alternately.
Bulkheads -- plates 7/16 and 6/16. Angles 3½ x 3 x 8/16 - Sp and 30".

3' dia

Y & O Plate. 8¾ x 8/16.

Bulb 9½ x 9/16 Angles 4 x 4 x 8/16
on every 10th frame

8 3/8 dia -
3¾ & middle deck

Vertical plate 10/16 for ½ to 9/16.
Do Angles 3½ x 3½ x 7/16.
Bracket Plate- 7/16.
Top plate 9/16 for ½ to 7/16.
Angle 6 x 4 x 9/16 to 9/16.
Double Riveted Landing for ½

Top Plating -- 6/16. 7/16 in E. & B. Space
Longitudinal Plate 7/16.
Do Angle. 3½ x 3½ x 9/16
Vertical Do 3½ x 3½ x 7/16
Thwartship Do 3½ x 3½ x 7/16.
Bracket Plate 6/16-
Single Riveted Landings.

Ceiling 2½

Wing Plate 7/16
Angle 4 x 4 x 8/16.
Angles 3½ x 3½ x 7/16

Double Riveted Landing
10/16 for ½ to 9/16 at ends.
Double Riveted Landing.
10/16 for ½ to 9/16.
Double Riveted Landing.
10/16 for ½ to 9/16.
Double Riveted Landings Double riveted Landing
36 x 10/16 for ½ to 11/16. 10/16 for ½ to 9/16.
Side Plates 10" x 1/16

9 x 3 Rail.
3½ x 3 x 6/16 Angle.
5/16 Bulwark Plating.
Sides of Poop and Forecastle 6/16. Bridge 6/16.
Stanchions 1¾ dia.
Stringer angle 4 x 4 x 9/16 for ½ to 9/16.
Do Plate 45 x 9/16 for ½ to 36 x 7/16.
Do Do Butt Straps 7/16 thickness and treble Rivets for ½ lengths.
Single Riveted Landing.
Sheerstrake 40 x 14/16 for ½ to 10/16 at ends.
Do Butt Straps 7/16 thickness and treble rivets for ½ length.
Double riveted Landing.
11/16 for ½ lengths to 9/16 at ends.
Double riveted Landing.
Stringer Plate 45 x 10/16 for ½ to 36 x 9/16
Do Butt Straps 7/16 thickness and treble rivets for ½ length
Stringer Angles 4 x 4 x 9/16 for ½ to 9/16.
11/16 for ½ lengths to 9/16 at ends.
Double riveted Landing.
11/16 for ½ lengths to 9/16 at ends.
Double riveted Landing.
11/16 for ½ length to 9/16 at ends.
Stringer Plate 40 x 9/16 for ½ to 31 x 9/16
Do Angles 4 x 4 x 9/16 for ½ to 9/16.
Face - 6 x 4 x 9/16 for ½ to 9/16.
Double riveted Landing.
11/16 for ½ length to 9/16 at ends.
Butt Straps 7/16 thickness and treble rivets for ½ length
Double riveted Landing
Angles 6 x 4 x 9/16 for ½ to 8/16.
Plate for 3/8ths. Length 9/16.
Angle 3½ x 3 x 8/16.
12/16 for ½ lengths to 9/16 at ends.
Butt straps 7/16 thickness and treble riveted for ½ length.
Double riveted Landing.
12/16 for ½ length to 9/16 at ends.
Butt Straps 7/16 thickness and treble riveted for ½ length.
Double riveted Landing
10/16 for ½ to 9/16 at ends.

8'0"
3'5"

SCALE ½ INCH TO A FOOT

DRAWING No 817
Ex 25/6/80

2/7/80

Alexr Stephen & Sons.
SHIPBUILDERS & ENGINEERS
GLASGOW

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