

Glasgow Report No. 4063

NO^s 184-5,

BARQUE "PICTON CASTLE"

6/11/74

Dec 12/11/94 H
Scale 1/2 Inch to one Foot

To Class 100A at Lloyds under New Rules dated 30th July 1874.

14850 Jan

Raised Quarter Deck - 39 ft. long -
 Quarter deck beams - of ~~angle~~ ^{3x6 iron} 6" x 3" x 7/16
 do Stringer Plate 25 1/2 x 7/16 to 19" x 9/16
 do do Angle 3 1/2 x 3 x 5/16
 do Tie plates - 7 1/2 x 7/16 to 9/16.

$9 \times 8\frac{1}{16}$ for $\frac{1}{2}$ to $7\frac{1}{16}$

Gutter Angle
3 $\frac{1}{2}$ " pine. 4 x 3 x $\frac{6}{16}$
3 x 3 x $\frac{5}{16}$

Angle $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{9}{16}$ Bull $6\frac{1}{2} \times \frac{9}{16}$
On every alternate frame.

Dimensions.

Half moulded Breadth	13.91
Depth from Top of Keel	19.25
Girth of Half Midship Frame Section	29.12
Length as per Rules	164.83

Minerals.

$13.91 + 19.25 + 29.12 = 62.28$ Inward ship-
 " + " + " $\times 164.83 = 10265.612$ Longitudinal
 " + " + " \times " $\star t_5 = 10949.98$ Outfit.
 angles $\frac{3}{2} \times \frac{3}{2} \times \frac{9}{16}$

Augle $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{9}{16}$ Bull $6\frac{1}{2} \times \frac{9}{16}$ -
on every second and fourth frame alternately -

Frames - $4 \times 3 \times \frac{7}{16}$ for $\frac{3}{5}$ to $4 \times 3 \times \frac{9}{16}$ -
Spaced 22 inches apart Centre to Centre -
Reverse Frames $3 \times 3 \times \frac{9}{16}$ to Main or Quarter Deck & Lower deck alternately
Keel - $7\frac{1}{2} \times 2\frac{3}{8}$ or equal area Stern $6\frac{3}{4} \times 2\frac{3}{8}$ Stern Post $6 \times 2\frac{1}{2}$
Rudder - Head $4\frac{1}{4}$ keel $2\frac{1}{2}$ -
Floors - $18\frac{1}{2} \times \frac{7}{16}$ for $\frac{1}{2}$ to $\frac{7}{16}$
Bulkhead - plates lower $\frac{9}{16}$ upper $\frac{5}{16}$ -
" Angles $3 \times 3 \times \frac{9}{16}$ spaced - 30" apart -

$2\frac{7}{8}$ dia

Angles $L \times 3 \times \frac{6}{16}$

Rider extending $\frac{3}{4}$ length.
 $9 \times 9\frac{1}{6}$ for $\frac{1}{2}$ to $\frac{7}{16}$
 Vertical plate $12 \times 9\frac{1}{6}$ for $\frac{1}{2}$ to $\frac{7}{16}$.
 Angles $4 \times 3 \times 9\frac{1}{6}$

Angles $4 \times 3 \times 6/16$

7/16 for 2 to 9/16"
Butt straps 1/8" thicker and
Stirrles riveted for half length.
riveted landing.

Double riveted Landing. ✓
all the caps.

Double riveted Landing -
Garrboard Strake 32 x $9\frac{1}{16}$ for $\frac{1}{2}$ to $7\frac{1}{16}$.

Alex^r Stephen & Sons
SHIPBUILDERS & ENGINEERS

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DRAWING No. 112
9/11/74 En? mally.

IRON 512-0052

18 Mo
13/11/74.