



17.3.85.
22.5.85.
10.6.85

Barque Bowman B. Law

Glasgow Report No 4115.

24 x 6/16

Deck 3"

Forecastle beams 7 x 7/16, angles 3 x 5/16. Poop beams, single angle irons 6 1/2 x 3 x 7/16
5 1/2 x 3 x 8/16 every frame

Forecastle knees 17 1/2"
Poop " 16 1/2"

Dimensions:—

Len B.P. 220'-0"

Breadth m^d 36'-9"

Depth of hold 21'-9"

Depth m^d 23'-7"

Depth at centre 24'-0"

MIDSHIP SECTION

OF

IRON BARQUE No 266

TO CLASS 100 A1 LLOYDS

Scale 1/2" = one ft.

Poop 24" Round of beam 5"

Ties 13 x 10/16 to 8/16

Deck 4" 6 pair of diag^c ties on upper dk, sketch to be submitted

Stringer 44 x 7/16 for 1/2 len to
29 x 8/16

4/16

5 x 4 x 9/16 for 3/5th len to 8/16

Sheerstrake 40 x 12/16 for 1/2
len; to 9/16

Bulb 9 x 7/16, less than 3/4 x beam 8 x 8/16, angles 3 1/2 x 3 x 7/16

Beams knees 27"

Numerals:—

1/2 Girth 38.62

1/2 Breadth 18.57

Depth 24.00

Frame No. 80.99 x 218.58 - 17,702.79 Mating K^c + 1/15th 18,882.97 Equip^t 21-

Proportions. Breadths to length 5.94

Depths -do- 9.107

2 3/4

Stringer 32 x 9/16 for 1/2 len;
to 25 x 8/16

10/16 to 8/16

Angles 4 x 4 x 9/16 for 3/5th to 8/16

Deck 3" Ties 13 x 9/16 to 8/16

Bulb 9 x 9/16, less than 3/4 x beam 8 x 8/16, angles 3 1/2 x 3 x 7/16

The bullstraps of the upper dk
stringer plates, sheerstrake + of 4
strakes of plating at the bilge to
be 1/16" thicker than the plates they
connect and treble riveted for 1/2
len, amidships.

Equipment:—

1 Bow anchor 32 cuts ex stock

1 " " 15% lighter } Collective w^t
9 1/4 cuts

1 " " 7 1/2% " }

1 stream " 10 1/2 cuts ex stock

1st Hedge " 5 1/4 " "

2nd " " 2 1/2 " "

270 fathoms 1 1/16" stud chain cable

75 " 1" stream chain

Also hawsers + warps as per Lloyd's

Bulkheads, upper half 6/16

lower " 7/16

" stiffeners 5 x 5/16 spaced per rule

Pillars on every beam for 3/4th &
on every alternate before and
abaft this

Transom plate 36 3/4 x 10/16

Rudder dia at head 6', at heel 3"

Vertical plate 17 x 12/16 to 10/16

Rider " 11 x 12/16 for over 3/4th len;

angles 5 x 4 x 9/16 for 3/5th to 8/16

Angles 5 x 4 x 9/16 for 3/5th
to 8/16

11/16 to 9/16

Ceiling 2 1/2

3 x 3 x 7/16

Reverse 3 1/2 x 3 1/2 x 7/16 - all to upper dk

Floors 24 1/2 x 10/16 for 1/2 len; to 8/16

Frames 5 x 3 1/2 x 9/16 for 3/5th to 8/16

10/16 to 8/16 aft + 9/16 for d

Intercostal 8/16 for 1/2 len to 7/16

spaced 24" apart centre to centre

10/16 to 8/16

10/16 to 8/16 aft + 9/16 for d

Heel 9' x 2 1/2

Stem 8 1/2 x 2 1/2

Post 8 1/2 x 2 1/2

Garboard 36 x 10/16 for 1/2 len; to 10/16



17/3/85

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Foundation

GLS203-0134