

IRON SHIP.

Rev 8/4/98

No. 11043 Survey held at Sunderland Date, First Survey 8th Sept 1874 Last Survey February 1875

On the Barque "Hollabara" Yard Number 2016 Master James Bremner

ONE, OR TWO DECKED, THREE DECKED VESSEL.

SPAR, OR AWNING DECKED VESSEL.

HALF BREADTH (moulded) 16.66

DEPTH from upper part of Keel to top of Upper Deck Beams 22.37

GIRTH of Half Midship Frame (as per Rule) 33.50

1st NUMBER 72.53

1st NUMBER, if a THREE DECKED VESSEL

deduct 7 feet 195.5

LENGTH 141.79

2nd NUMBER

PROPORTIONS—Breadths to Length Under 6

Depths to Length—Upper Deck to Keel 9

Main Deck ditto

Built at Sunderland

When built 1875 Launched 9th January 1875

By whom built Osbourne, Graham & Co

Owners Croftshaw Bros

50 West Cliff St. Sydney

Port belonging to Sydney

Destined Voyage Sydney via London

Surveyed while Building, Afloat, or in Dry Dock.

LENGTH on deck as per Rule .. 195.6 BREADTH—Moulded... 33.4 DEPTH top of Floors to Upper Deck Beams .. 20.6 Do. do. Main Deck Beams .. 13.6

Dimensions of Ship per Register, length, 202.4 breadth, 33.6 depth, 20.4

KEEL, depth and thickness .. 8 x 2 1/2 Inches in Ship. 8 x 2 3/8 Inches per Rule.

STEM, moulding and thickness... 7 1/2 x 2 3/8 7 1/4 x 2 3/8

STERN-POST for Rudder do. do. 7 1/2 x 2 1/2 7 1/4 x 2 1/2

for Propeller .. 23 23

Distance of Frames from moulding edge to moulding edge, all fore and aft .. 23 (Class 100. A)

FRAMES, Angle Iron, for 1/2 length amidships .. 4 1/2 3 7/16 4 1/2 3 7/16

Do. for 1/2 at each end .. 4 1/2 3 7/16 4 1/2 3 7/16

REVERSED FRAMES, Angle Iron .. 3 3 7/16 3 3 7/16

FLOORS, depth and thickness of Floor Plate .. 22 1/2 9/16 22 1/2 9/16

at mid line for half length amidships .. 8 1/2 5/16 8 1/2 5/16

thickness at the ends of vessel .. 11 1/4 11 1/4

depth at 3/4 the half-bdth. as per Rule .. 45 45

height extended at the Bilges... 45 45

BEAMS, Upper, Spar, or Awning Deck .. 8 8/16 7 1/2 7/16

Single or double Angle Iron, Plate or Tee Bulb Iron .. 3 2 1/2 5/16 3 2 1/2 5/16

Single or double Angle Iron on Upper edge .. 46 46

Average space... 6 1/2 4/16 6 1/2 4/16

BEAMS, Main or Middle Deck .. 2 1/2 2 1/2 5/16 2 1/2 2 1/2 5/16

Single or double Angle Iron, Plate or Tee Bulb Iron .. 46 46

Single or double Angle Iron on Upper Edge .. 8 8/16 8 8/16

Average space... 3 3 4/16 3 3 4/16

BEAMS, Lower Deck, Hold or Orlop .. 15 9/16 13 1/2 11 1/8 9/16

Single or double Angle Iron, Plate or Tee Bulb Iron .. 14 9/16 14 9/16

Single or double Angle Iron on Upper Edge .. 7 3/4 9/16 7 3/4 9/16

Average space... 5 3 1/2 7/16 5 3 1/2 7/16

KEELSONS Centre line, single or double plate, .. 13 1/2 11 1/8 9/16

Box, or Intercoastal, Plates .. 14 9/16 14 9/16

" Rider Plate .. 7 3/4 9/16 7 3/4 9/16

" Bulb Plate to Intercoastal Keelson .. 5 3 1/2 7/16 5 3 1/2 7/16

" Angle Irons .. 5 3 1/2 7/16 5 3 1/2 7/16

" Double Angle Iron Side Keelson .. 5 3 1/2 7/16 5 3 1/2 7/16

" Side Intercoastal Plate .. 13 1/2 11 1/8 9/16

" do. Angle Irons .. 14 9/16 14 9/16

" Attached to outside plating with angle iron .. 7 3/4 9/16 7 3/4 9/16

BILGE Angle Irons .. 5 3 1/2 7/16 5 3 1/2 7/16

" do. Bulb Iron .. 5 3 1/2 7/16 5 3 1/2 7/16

" do. Intercoastal plates riveted to plating for length .. 5 3 1/2 7/16 5 3 1/2 7/16

BILGE STRINGER Angle Irons .. 5 3 1/2 7/16 5 3 1/2 7/16

Intercoastal plates riveted to plating for length .. 5 3 1/2 7/16 5 3 1/2 7/16

SIDE STRINGER Angle Irons .. 5 3 1/2 7/16 5 3 1/2 7/16

Transoms, material. Knight-heads. Hawse Timbers. ..

Windlass Harfield's Patent Pall Bitt None required.

The FRAMES extend in one length from middle line to Cumwale

The REVERSED ANGLE IRONS on floors and frames extend from 4 ft. middle line to alternately and to lower 4 ft. stringer alternately

KEELSONS. Are the various lengths of Plates and Angle Irons properly connected? Yes And butts properly shifted? Yes

PLATING. Garboard, double riveted to Keel, with rivets 1 1/16 in. diameter, averaging 5 1/4 ins. from centre to centre.

Edges of Garboards and to upper part of Bilge, worked clench, double riveted; with rivets 3/4 in. diameter, averaging 3 1/4 ins. from centre to centre.

Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets 3/4 in. diameter averaging 3 1/4 ins. from centre to centre.

Butts of Two Strakes at Bilge for half length, treble riveted with Butt Straps 1 1/16 thicker than the plates they connect.

Edges from bilge to Main Sheerstrake, worked clench, double or single riveted; with rivets 3/4 in. diameter, averaging 3 1/4 ins. from cr. to cr.

Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets 3/4 in. diameter, averaging 3 1/4 ins. from cr. to cr.

Edges of Main Sheerstrake, double, or single riveted. Upper Sheerstrake, double or single riveted

Butts of Main Sheerstrake, treble riveted for 1/2 length amidships. Butts of Upper or Spar Sheerstrake, treble riveted length amidships.

Butts of Main Stringer Plate, treble riveted for 1/2 length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for length.

Breadth of laps of plating in double riveting 4 1/2 and 5 1/4 Breadth of laps of plating in single riveting 3 1/4.

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? Treble and double riveted.

Waterway, how secured to Beams Guller Gateway (Sketch, if necessary)

Beams of the various Decks, how secured to the sides? Rivets turned down

What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? Same Iron as used for Darlingtons.

Manufacturer's name or trade mark, "S. A. H. Cantor" "S. S. D. Darlingtons"

The above is a correct description.

Builder's Signature, Osbourne Surveyor's Signature, William

No. of Breasthooks, Five Crutches, Five

Fastenings, Same Iron as used for Darlingtons.

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Lloyd's Register

Foundation

IRON 461-0036

played.

Yes.

Yes

Yes.

Geo.
Geo

No -

14234 En

Scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of riveting, quality of Materials, and if stamped with Maker's name. *Good - Where does*

State also Length and Diameter of Lower Masts and Bowsprit *For particulars see annexed approved sketch -*

Standing and Running Rigging *Wire, hemp and Manila* sufficient in size and *good* in quality. She has *two* Life Long Boats and *two others*.
The Windlass is *Harfield's Patent* 3 Capstans *good* and Rudder *good* Pumps *2x good*. Redpath's double action and *brass chambers*

How secured in ordinary weather?

How are lids secured?

Height above deck?

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *Five Scuppers, and four large ports on each side with the addition of four Mooring-pipes.*

Cargo Hatchways.—How formed? Iron plates and angle brons, with round corners.

State size **Main Hatch** *ow*, 20 ft by 10 ft Forehatch 5 ft 6 in by 5 ft 9 in Quarterhatch 7 feet by 6 ft 9 in.

If of extraordinary size, state how framed and secured? } The main plates have two substantial portable beams

What arrangement for shifting beams? Efficiently secured - but strong pre and aft

Hatches, If strong and efficient? *Yes - being well made and used.*

Order for Special Survey No. 252 surveys building on 18. { 1st. On the several parts of the frame, when in place, and before the plating was wrought } Built under SS and surveyed 7/4 Sep 2015 and 9 October 6 12 15 27 30
 Date 29th September 1915 { 2nd. On the plating during the process of riveting } November 3, 9, 13, 23 December 2, 9, 23 7/5 Larry 514 19 25 29 Feb 2 5 12 16 23 25

Order for Ordinary Survey No. <u>11</u>	DATES of Survey held while building as per Section	3rd. When the beams were in and fastened, and before the decks were laid....	
Date <u> </u>		4th. When the ship was complete, and before the plating was finally coated or cemented..	
No. <u>16</u> in builder's yard.		5th. After the ship was launched and equipped	

General Remarks, (State quality of workmanship &c.) *The quality of the workmanship is very*

good. She has been built under special Survey in accordance with the scantlings and arrangements shown on the accompanying approved Midship Section, and in other respects in accordance with the requirements of the rules.

Has a Raised Quarter Deck 45 feet long; a House on Deck abaft the Main Mast 8 feet square, and another one forward for the accommodation of the crew 31 ft trans long by 12 ft trans side, and a Monkey Forecastle 26 ft long. Is fitted with an additional side stringer as the hold, from the fourth frame before the breast of Quarter Deck, extending right aft, formed of $5 \times 3 \frac{1}{2} \times \frac{7}{16}$ double angle iron riveted back to back and to double reverse frames. -

State if one, two or three decked vessel, or if spar or awning decked, and lengths of poop, forecabin or raised quarter deck, or of double or part double bottom.

How are the surfaces preserved from oxidation? Inside Grease and paint Outside Paint. Zinc and Galv.
 on Bottom.

I am of opinion this Vessel should be Classed 100. A. 1

The amount of the Entry Fee ... £ 5 : 0 : 0 is received by me,

Special £ 46 : 18 : 0 6th April 1875

Certificate* ... *Gratis.*

(Travelling Expenses)
(if any) £ to charge

Committee's Minute 7th April 1873

Character assigned

This vessel appears
eligible to be classed
as recommended viz
100 A-1.
2 Dks *M.P.*

177
8/4/77