

age below Deck 664.01
Poop & Newcastle 67.70
Gross 731.71

IRON SHIPS.

No. 2875 Survey held at Stockton Date 1st June 18 64
on the Saw Steamer "Brenice" Master de Boer
Tonnage Gross 731 7/100 Engine Room 157 4/100 Register 574 3/100 Built at Stockton
When Built 1864 Launched 24th March By whom built Richardson (Duck & Co.)
Owners Amstel & Co. Ltd. Port belonging to Amsterdam Destined Voyage Amsterdam
If Surveyed Afloat or in Dry Dock Specially surveyed while building

Feet. Inches.		Feet. Inches.		Feet. Inches.		Feet. Inches.		Horse.	
aloft		Extreme Breadth		Depth from top of Upper Deck		Beam to top of Floor		Power of Engines	
10 1/2		29		17 3		17 3		110	
Frames or Ribs from moulding									
edge to moulding edge, all fore and aft									
Double across Keel 4 ft length									
Floors, Size of Angle Iron, and No. <u>one</u> at bottom of Floor Plate									
depth and thickness of Floor Plate at mid line									
depth and thickness of Floor Plate at Bilge Keelson									
Size of Reversed Angle Iron, and No. <u>one</u> at top of Floor Plate									
Frames, Size of Angle Iron, single or double									
Reversed Iron, if to every frame or every other frame									
Beams, Deck (No. <u>53</u>) double Angle Iron, Plate, or Bulb Iron									
double or single Angle Iron, on <u>both</u> edge									
average space between									
if wood (No.) sided & moulded									
Hold, or Lower Deck (No. <u>41</u>) double Angle Iron, Plate, or Bulb Iron									
double or single Angle Iron, on <u>both</u> edge									
average space between									
if wood (No.) sided & moulded									
Paddle, wood, sided and moulded, or if Iron, size of Plate									
Engine									
Keelson, single plate, box, or intercostal									
Size of Plates									
Size of Angle Irons									
Ditto Bilge (No. <u>2</u>) Double Angle Irons									
Transoms, material <u>Plate</u> or, if none, in what manner compensated for									
Knight heads, and Hawse Timbers <u>Blocks</u>									
The Frames or Ribs extend in one length from <u>Keel</u> to <u>gunwale</u>									
The reverse angle irons on the floors extend in one length across the middle line from <u>bilge</u> to <u>bilge</u>									
on the frames, from <u>bilge</u> to <u>gunwale</u> on alternate frames									
Keelson, how are the various lengths of plates or angle irons connected? <u>Butts of angle irons & plates shifted & staggered & rivetted</u>									
Plates, Garboard, double or single rivetted to keel & at upper edge, with rivets (<u>1</u> ins.) diameter averaging (<u>4</u> in.) from centre to centre of rivet									
Edges from Garboards to upper part of bilge, worked carvel with a lining piece (<u>in</u>) thick, or clencher, double or single rivetted; rivets (<u>3/4</u> in.) diameter, averaging (<u>3</u> ins.) from centre to centre of rivets									
Butts from Keel to turn of bilge, worked carvel with a lining piece (<u>10 x 9/16</u>) thick, double or single rivetted; rivets (<u>3/4</u> in.) diameter, averaging (<u>3</u> ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? <u>no</u>									
Edges from bilge to sheerstrake, worked carvel with a lining piece (<u>in</u>) thick, or clencher, double or single rivetted; rivets (<u>3/4</u> in.) diameter, averaging (<u>3</u> in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? <u>no</u>									
Edge of Sheerstrake, double or single rivetted? <u>Double</u>									
Butts from bilge to planksheers, worked carvel with a lining piece (<u>10 x 9/16</u>) thick, double or single rivetted; rivets (<u>3/4</u> in.) diameter averaging (<u>3</u> ins.) from centre to centre of rivets. Breadth of laps in double rivetting (<u>4 1/2</u>) Breadth of laps in single rivetting (<u>2 1/2</u>)									
Butt Straps of Keelsons, Stringer and Tie Plates, double or single rivetted? <u>all double</u>									
Planksheer, how secured to the plating of the sides									
Waterway, planksheer and to the Beams									
Deck Beams, how secured to the side? <u>Beam ends turned & pieces welded</u>									
Hold or Lower Deck, <u>Same as Deck</u>									
Paddle									
No. of breasthooks <u>Five</u> crutches <u>Three</u> how are pointers compensated?									
What description of iron is used for the angle iron and plate iron in the vessel? <u>As Counsel</u> Builder's Signature <u>Richardson Duck & Co.</u>									

3597 Iron

Workmanship. Are the lands or laps of the clenchwork in all cases in breadth at least five times the diameter of the rivets in double rivetted edges and butts, and at least three times the diameter of the rivets where single rivetting is admitted? Yes
Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? They do
Do the fillings between the ribs and plates fill in solid with single pieces, or are they in short lengths of various thicknesses? Solid in and length
Do the holes for rivetting plate to frames, lining pieces, or plate to plate, &c., conform well to each other? Yes and are the rivet holes well and sufficiently countersunk in the outer plate? All through
Are there any rivets which either break into or have been put through the seams or butts of the plating? A few in butts.

Her Masts, Yards, &c., are in Good condition, and sufficient in size and length.
She has SAILS. CABLES, &c. ANCHORS, and their weights.

N ^o .		Fathoms.	Inches.	N ^o .	Weight.
✓	Fore Sails,	Chain	270 1 1/2	Bower (Rodgers Patent),	3 23.0.0
✓	Fore Top Sails,	Hempen Stream Cable	90 7/8		23.0.4
✓	Fore Topmast Stay Sails,	Hawser <u>Iron Mandrel</u>	90 6 1/2	Stream,	1 6.3.0
✓	Main Sails,	Towlines	90 9		
✓	Main Top Sails,	Warp	90 6 1/2	Kedge,	2 3.2.2
	and <u>others as usual</u>	All of <u>Good</u> quality.			1.3.0

Her Standing and Running Rigging Nine New sufficient in size and Good in quality.
She has Two Life Boats Long Boat and Polly Gig & Dingy
The present state of the Windlass is Greenheart Capstan 2 1/2 in. and Rudder Good Pumps Wilson's Patent of Brass

General Remarks, Statement and Date of Repairs, extent of corrosion (if any) both internally and externally, and condition of rivets.

- DATES of Surveys** held while building, as per Section 17.
- 1st. On the several parts of the frame, when in place, and before the plating was wrought
 - 2nd. On the plating during the progress of rivetting
 - 3rd. When the beams were in and fastened, and before the decks were laid
 - 4th. When the ship was complete, and before the plating was finally coated
 - 5th. After the ship was launched

Special Survey made
Part Survey 9th Sept
Last Survey 1st June
Has a Poop & Forecastle frames all to the top height Poop beams double angle iron 6x3x6/16 & 13x3x6/16. Side plating 6/16 upper strake 5/16 rivetted with 5/8 rivets, single at edges double at butts Forecastle beams 6 1/2 x 6 (bull), double angle iron in top edge 2 1/2 x 2 1/2 x 6/16. Plating 6/16. Waterways R. Pine. Plating Deck 1 1/2 x 1/2 Pine

The length being above eleven times the depth. She has a doubling strake 12x0/16 for three fourths the length upper edge flush with top edge of gunwale angle iron. See Secretarys letter to Messrs Richardson & Duck dated 20th Sept 1863
Richardson, Duck & Co

In what manner are the surfaces preserved from oxidation? Plat of inside cemented with Portland Cement & other parts with Paint.

I am of opinion this Vessel should be classed GA1
The amount of the Fee£ 5 : 0 : 0 is received by me, S. R. Blackstone
June 1864 Special£ 36 : 11 : 0
Certificate (if required)£ : :

Committee's Minute 7th June 1864
Character assigned A1 for 9 Years
W. J. G.
I concur in the above opinion
6 June 1864 J. R. L.
© 2019 Lloyd's Register Foundation