

Outfit 3054 IRON SHIPS.

25785

No. _____ Survey held at London Date February 7th 1863

on the Paddle Steamer "Gerente" Master J. M. Mitchell

Tonnage Gross 375 Engine Room 51 Register 324 Built at London

When Built 1862 By whom built Prof. H. W. Bram Owners Kanaka-y-Compagnie Comp^{te}
launched 22nd Oct^r

Port belonging to Rio Janeiro Destined Voyage Rio Janeiro -

Is Surveyed Afloat and in Dry Dock East India and Victoria Docks

Length aloft	Feet.	Inches.	Extreme Breadth....	Feet.	Inches.	Depth from top of Upper Deck } Beam to top of Floor..... }	Feet.	Inches.	Power of Engines....	Horse No.
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Distance of Frames or Ribs from moulding } edge to moulding edge, all fore and aft }	Inches in Ship.	Inches required per Rule.	Stem, if bar iron, moulding and thickness ,, if plate iron, breadth and thickness	Inches in Ship.	Inches required per Rule.	16ths required per Rule.	Power of Engines....	Horse No.
Floors, Size of Angle Iron, and No. at } bottom of Floor Plate..... }	Inches. In Ship.	Inches. In Ship.	Stern-post, if bar iron, moulding and thickness ,, ,, if plate iron, breadth and thickness	Inches. In Ship.	Inches. In Ship.	16ths required per Rule.		
,, depth and thickness of Floor Plate at } mid line }			Keel, if bar iron, depth and thickness..... ,, if plate iron, breadth and thickness					
,, depth and thickness of Floor Plate at } Bilge Keelson }			Garboard Plates, thickness..					
,, Size of Reversed Angle Iron, and } No. at top of Floor Plate.. }			From Garboard to upper } part of Bilge..... }					
Frames, Size of Angle Iron, single or double..			From upper part of Bilge } to Sheerstrakes..... }					
,, ,, Reversed Iron, if to every frame } or every frame..... }			Sheerstrakes					
Beams, Deck (N ^o .) double Angle Iron } or Bulb Iron with double Angle }			Breadth & thickness of Butt } Straps to outside plating }					
,, ,, depth & thickness of plate amidships			Planksheers					
,, ,, double or single Angle Iron, }			Gunwale Plate or Stringer } on ends of Up. Dk Beams }					
,, ,, on lower edge			Angle Iron on ditto.....					
,, ,, average space between			Waterway					
,, ,, if wood (N ^o .) sided & moulded			Deck.....					
,, Hold, or Lower Deck (N ^o .) }			Ceiling in Hold					
,, double Angle Iron or Bulb Iron }			Ceiling betwixt Decks					
,, with double Angle Iron on top }			Beam Clamps					
,, ,, depth & thickness of plate amidships			,, Shelf					
,, ,, double or single Angle Iron, }			,, Stringer Plates on } ends of Hold or }					
,, ,, on lower edge			,, Lower Dk Beams }					
,, ,, average space between			Ceiling between Decks					
,, ,, if wood (N ^o .) sided & moulded			Stringer or Tie Plates out- } side Hatchways }					
,, Paddle, wood, sided and moulded }			Deck Beam Clamps					
,, or if Iron, size of Plate			,, ,, Shelf					
,, Engine ,, ,, ,,			Stringers in Hold					
Keelson, wood, sided & moulded, iron, size of }			Deck, Lower					
,, plate, if Box, give sketch & dimensions }								
,, Side or Bilge								
,, Number								

Transoms, material _____ or, if none, in what manner compensated for.

Knight-heads ,, _____ Bulkheads, N^o. _____ Thickness of _____
Hawse Timbers ,, _____ are they free from defects? ,, how secured to the sides of the ship _____
,, size of vertical angle iron and their distance apart _____

The Frames or Ribs extend in one length from _____ to _____ rivetted through plates with (_____ in.) rivets, about (_____) apart.

The reverse angle irons on the floors extend in one length across the middle line from _____ to _____
,, ,, ,, on the frames ,, ,, ,, from _____ to _____

Keelson, how are the various lengths of plates or angle irons connected? _____

Plates, Garboard, double or single rivetted to keel & at upper edge, with rivets (_____ ins.) diameter averaging (_____ in.) from centre to centre of rivet.

,, Edges from Garboards to upper part of bilge, worked carvel with a lining piece (_____ in.) thick, or clencher, double or single rivetted; rivets (_____ in.) diameter, averaging (_____ ins.) from centre to centre of rivets.

,, Butts from Keel to turn of bilge, worked carvel with a lining piece (_____) thick, double or single rivetted; rivets (_____ in.) diameter, averaging (_____ ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? _____

,, Edges from bilge to planksheer, worked carvel with a lining piece (_____) thick, double or single rivetted; rivets (_____ in.) diameter, averaging (_____ in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? _____

,, Butts from bilge to planksheers, worked carvel with a lining piece (_____) thick, or clencher, double or single rivetted; rivets (_____ in.) diameter averaging (_____ ins.) from centre to centre of rivets. Breadth of laps in double rivetting (_____) Breadth of laps in single rivetting (_____)

Planksheer, how secured to the plating of the sides { Explain by sketch, }
Waterway ,, ,, planksheer and to the Beams { if necessary. }

Side trussing _____ breadth and thickness of plates _____ how secured? _____

Deck trussing ,, ,, ,, ,, ? _____

Deck Beams, how secured to the side? _____

Hold or Lower Deck ,, _____

Paddle ,, ,, _____

No. of breasthooks _____ crutches _____ how are pointers compensated? _____

What description of iron is used for the angle iron and plate iron in the vessel? _____

3054. 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? _____
 Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? _____
 Do the fillings between the ribs and plates fill in solid with single pieces, or are they in short lengths of various thicknesses? _____
 Do the holes for rivetting plate to frames, lining pieces, or plate to plate, &c., conform well to each other? _____ and are the rivet holes well and sufficiently countersunk in the outer plate? _____
 Are there any rivets which either break into or have been put through the seams or butts of the plating? _____

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	240	1 1/8	Bower,	1	14.1.10
	Fore Top Sails,	Hempen Stream Cable	90	7		1	14.2.4
	Fore Topmast Stay Sails,	Hawser	90	6	Stream,	1	4.3.0
	Main Sails,	Towlines	90	5		1	2.1.0
	Main Top Sails,	Warp	90	5	Kedge,	1	1.0.6
	and	All of <u>good</u> quality.					

Her Standing and Running Rigging is sufficient in size and good in quality.

She has Four Long Boats, and in good condition.

The present state of the Windlass is good Capstan good and Rudder good Pumps Two of Downtons

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 _____

I beg to append the Testing Certificates for the Chain Cables, and for the two Best Bower Anchors. The Builders supplied the Anchors and Chains, and the third Bower had to be exchanged just prior to her leaving the East-India Docks, consequently they have not been able to produce a Testing Certificate. Providing the Committee will forego requiring the Test for the third Bower I beg to recommend her to be classed 12 A 1.

In what manner are the surfaces preserved from oxidation?

I am of opinion this Vessel should be classed 12 A 1.

The amount of the Fee£ : : is received by me,

Special£ : :

Certificate (if required)£ : :

Committee's Minute _____ 18 _____

Character assigned _____

To have fig. 1.



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