

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed*

5688 lbs

Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? *Yes*

Are the fillings between the ribs and plates solid single pieces? *Yes*

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes*

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes*

Do any rivets break into or through the seams or butts of the plating? *A few*

Masts, Bowsprit, Yards, &c., are *iron* in *good* condition, and sufficient in size and length. If of Iron or Steel give 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.

State also Length and Diameter of Lower Masts and Bowsprit

Word	Foremast	Length	Diameter	Extreme length incl. pole
	65' 4"	21"	110' 4"	
	62' 4"	20 1/2"	106' 4"	

NUMBER for EQUIPMENT	SAILS.	CABLES, &c.	Fathoms.	Inches.	Test per Certificate	Inches per Rule.	Machine where Tested & Suprntd.	ANCHORS.				Machine where Tested & Suprntd.			
								N ^o .	Weight. Ex. Stock.	Test per Certificate	W'ght req'd per Rule.				
21604	Fore Sails,	Chain	242 3/4	1 3/4	55 1/2	240 x 3/4	Allegon W. Thacker Superintendent	Bower Anchors	460	30	11.5	28.14	0.21	30	Allegon W. Thacker Superintendent
	Fore Top Sails,	Iron Stream Chain	75	1 7/8	20 3/8	210		468	25	2.24	25.8	0.14	25 1/2		
Suit	Fore Topmast Stay Sails,	Towline, Hemp.	90	11		90 x 11		Stream Anchor	461	9	3.4	11.5	2.14	9 1/2	
	Main Sails,	Hawser	90	9		90 x 9		Kedge	465	4	3.15	4.5	0.0	4 3/4	
	Main Top Sails, and	Warp	90	4 1/2		90 x 4 1/2		2nd Kedge	466	2	2.4	5.1	1.0	2 1/2	

Standing and Running Rigging *Misc and Hemp* sufficient in size and *good* in quality. She has *1-20 feet* Long Boat and *1-25 feet* center and *1-18 ft* gage.

The Windlass is *Iron (patent)* Capstan *✓* and Rudder *good* Pumps *good*

Engine Room Skylights.—How constructed? *Leak and framing* How secured in ordinary weather? *Plates and bolts*

What arrangements for deadlights in bad weather? *Flaps with bulls-eyes.*

Coal Bunker Openings.—How constructed? *Plates and angles* How are lids secured? *solid hatches* Height above *bridge* deck? *12 inches*

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *six water ports and four scuppers forward of bridge and four water ports and six scuppers abaft bridge.*

Cargo Hatchways.—How formed? *Deep plates - 2' 10 1/2" above iron deck. The craming plates extend beyond each end of hatch.*

State size *Main Hatch No 1 - 18.0 x 14.0* *Fore hatch No 2 - 32.0 x 16.0* *Quarter hatch No 3 - 40.0 x 16.0*

If of extraordinary size, state how framed and secured? *Framed with plates & angle iron craming & coaming in one - Craming 9/16 thick - one strap of deep plating doubled on each side of hatched.*

What arrangement for shifting beams? *Deep web plates.*

Hatches, If strong and efficient? *yes*

Order for Special Survey No.	Date	1st.	2nd.	3rd.	4th.	5th.
1618	16 th June 1881	On the several parts of the frame, when in place, and before the plating was wrought	On the plating during the process of riveting	When the beams were in and fastened, and before the decks were laid....	When the ship was complete, and before the plating was finally coated or cemented..	After the ship was launched and equipped
		1881 - August 18 & 30, Sept: 5, 8, 12, 19 & 29 October 6, 12, 14 & 28. Nov: 3, 10, 23, 26 December 2, 5, 14, 24 & 29				
		1882 - January 11, 19, 26 & 24. Feb: 2, 10, 16, 20, 23 & 24 March 8, 16 & 29. April 1, 4, 8, 17 & 20				

General Remarks (State quality of workmanship, &c.)

The workmanship is good, and the vessel has been built in conformity with the approved Guidship Section and Longitudinal Plan herewith, and otherwise in conformity with the Rules with a view to the grade contemplated. The web frames in way of Engines and Boilers extend to Bridge deck.

On account of the death of Mr. Laphorn this Report has been arranged from information obtained from the vessel at that time, and subsequently as she advanced towards completion.

Bridge 68 feet, Forecastle 30 feet, Raised Quarter deck 86 feet.

State if one, two, or three decked vessel, or if open or awning decked; and the lengths of poop, bridge, fore-castle, or raised quarter deck. (If double bottom, state particulars on separate sheet)

How are the surfaces preserved from oxidation? Inside *Paint and Cement* Outside *Paint*

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, *[Signature]*
Special ... £ 66: 5: 0 *21/4/1882*
Certificate ... 0: 0: 0
(to be sent as per margin)

Committee's Minute *Tuesday 25th April 1882*

Character assigned *[Signature]*

The Surveyors are requested not to write on or below the space for Committee's Minute.

