

1731

fol 291

Rec^d 6/1/18
 Paid Survey 29th September 1857
 Date 3rd September 1858

John Pile Geo

Wiseach

Specially surveyed while building

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

plate Iron by I Whitham & Son. Leeds. Angle Iron
by C. H. Mott & Co. Ltd.

150N1433-0321

1731 Lion

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? they are
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
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 one length
Do the holes for rivetting plate to frames, lining pieces, or plate to plate, &c., conform well to each other? they do and are the rivet holes well and sufficiently countersunk in the outer plate? Yes.
Are there any rivets which either break into or have been put through the seams or butts of the plating? a few.

Her Masts, Yards, &c., are all new condition, and sufficient in size and length.

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.	
N ^o .			Fathoms. Inches.	N ^o .	Weight. cwt. qrs. lbs.
2	Fore Sails,	Chain	240 13/0	3	16.0.0 } Bower
2	Fore Top Sails,	Hempen Stream Cable	60 7/0	1	16.2.4 } Patent
2	Fore Topmast Stay Sails,	Hawser	75 5 1/2	1	17.3.0
2	Main Sails,	Towlines	75 0	1	4.0.0
2	Main Top Sails,	Warp	75 4	1	2.0.0
and <u>2 fore Top gallant &c.</u>		All of <u>Good</u> quality.			

Her Standing and Running Rigging new 3 1/2 inch & Hemp sufficient in size and appears good in quality.
She has One Long Boat and Cutter & Skiff
The present state of the Windlass is new Capstan & 12 inch new and Rudder new Pumps Two of metal, new.

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	<u>20th October 1857</u>
	2nd.	On the plating during the progress of rivetting	<u>11th June to the 26th of July 1858</u>
	3rd.	When the beams were in and fastened, and before the decks were laid	<u>28th May 1858 Special Survey.</u>
	4th.	When the ship was complete, and before the plating was finally coated	<u>6th Aug 1858 No of Orders 30</u>
	5th.	After the ship was launched	<u>13th Aug. to 2nd Sept 1858</u>

Floor plates & keelson plate are 5/16" thin of the Rules, to compensate for the same, there is an intercostal keelson fitted on each side of main keelson as far forward & aft as practicable. Plate 7/16" with double angle cross 4 x 3 x 7/16".
(See Committee's letter of the 13th May 1858.)

In what manner are the surfaces preserved from oxidation? Three coats of paint, inside cemented out to the bulges with Roman cement.

We are in of opinion this Vessel should be classed 12 A1

The amount of the Fee£ 4 : " : " is received by me,
Sept 18 Special£ 10 : 5 : "

Certificate (if required)£ : :

Committee's Minute 7th September 1858
10th

Character assigned 12 A1

W. G. Lactone
Mr Davidson
From the statement made
me July 6 when I saw her
I believe she was committed
she appears eligible for
the class recommended
that the surveyor's should
be made to see that the
work is done properly
and the vessel is
in a safe condition
for service.

Wm. G. Lactone
Refereed
Wm. G. Lactone

