

1614 25th Dec 1847

20 Sept

Official Number 73637

THREE-I

Henry

Dimensions of Ship per Register, length, 245-1/2 breadth, 31-0 depth, 22-0

Transoms, material. Knight-heads. Hawse Timbers. Plates
Windlass Emerald & Walker ^{Pall Bitt} Pall Bitt

Riveted through plates with $7/16 \times 3/4$ in. Rivets, about 6 in. apart.
line to above main deck stringer and to gunwale alternately

PLATING. Garboard, double riveted to Keel, with rivets 1 in. diameter, averaging 5 ins. from centre to centre.
Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from centre to centre.

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? Double & treble

Waterway, how secured to Beams (Explain by Sketch, if necessary.)

No. of Breasthooks Six Crutches Two

The above is a correct description.

Builder's Signature, Ernest Wetherill Surveyor's Signature, J. P. Gladstone

IRON 465-0522

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

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? *They do*

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

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

Masts, Bowsprit, Yards, &c., are Well Roped 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 Main Mast 71 ft 6 in Diameter 20 in. Fore Mast 77 ft. Diameter 20 1/2

[illegible]

Standing and Running Rigging Wire & Rope sufficient in size and good in quality. She has Two Life Long Boats and Two others

The Windlass is Wood & Iron Capstan 2 of Iron wood and Rudder Good Pumps 3 of 7 inch Metal

Engine Room Skylights.—How constructed? *3/4" lead, 1/4" casing to top of bulkhead* How secured in ordinary weather? *Metal gratings*

What arrangements for deadlights in bad weather? Pine Deadlight

Coal Bunker Openings.—How constructed? Iron bunnings How are lids secured? Bars Height above deck? 12 inches

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? Ports & Scuppers.

Cargo Hatchways.—How formed? 7/16 Note & Angles

State size **Main Hatch** 10 ft. x 11 ft. Loring 23 in. Forehatch 8 ft. x 6 ft. Loring 22 1/2 Quarterhatch 20 ft. x 11 ft. Loring 23 in.

If of extraordinary size, state how framed and secured?

What arrangement for shifting beams? 7/16" plate in centre. Double angles on top edge.

Hatches. If strong and efficient? Strong & efficient

Order for Special Survey No. 511

Date 3 Sept. 1874

Order for Ordinary Survey No.

Date _____

No. 62 in builder's yard.

DATES of Surveys
held while building
as per Section 18.

- | | | |
|------|--|--|
| 1st. | On the several parts of the frame, when in place, and before the plating was wrought | Special Survey Date of Survey 1874 Oct 15-19-26 |
| 2nd. | On the plating during the process of riveting | Nov. 17-25-30. Dec 4-14-18-1875 Jan 5-20-27 |
| 3rd. | When the beams were in and fastened, and before the decks were laid.... | June 14-17 July 5-8-15-22-26. Aug 14-11-25 |
| 4th. | When the ship was complete, and before the plating was finally coated or cemented.. | Sept 1-3-8-27- Oct 1-7-12-20-25 Nov. 1-9-12-15-24-30 |
| 5th. | After the ship was launched and equipped | Dec 3-8-15-1874 Jan 4-6-17-21-25-31 Feb 3-21. March 2-9-14-21-27 |

General Remarks (State quality of workmanship, &c.) *Workmanship & material good*

Is filled with waterballast tanks in fore & after hold. frames cut connection made with three plates, side plates $7/16$. Angles on $Do.$ $4 \times 2 + 3 + 7/16$. Web plates $6/16$. Angles on $Do.$ $3 + 3 + 6/16$. $So.$ plates $6/16$

Three Semi box beams fitted in fore hold 2 thru do. in after hold bulk plates $8 \times 8/16$
single angles on $\frac{1}{2}$ edges $3 \times 3 \times 6/16$ Plated over with $6/16$.

Water ballast tanks tested to a head of water to the height of load line

Edw. Withy & Co.

~~State if one, two, or three, decked vessel, or if span, or awning decked, and the lengths of poop, fore-castle, or raised quarter deck, and the length of double, or part double bottom.~~

How are the surfaces preserved from oxidation? Inside Plak cemented with Portland Cement Outside & other parts with paint

I am of opinion this Vessel should be Classed 95. A1

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

Special£ 50 : 4 : 6 100 1876

Certificate ... — : — : —

(Travelling Expenses, if any, £_____).

Committee's Minute 10 April 1876

Character assigned *Q. A.*

Lloyd Mc
 2 Dks
 3 Tr Buns Inwrd
 Double bottom 14 ft
 1874/