

4316

First Survey 6th June 1861

*Master*

Destined Voyage / Mediteranean

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

The reverse angle irons on the floors extend in one length across the middle line from ridge to ridge  
 " " " on the frames " " " from ridge to gunwale on alternate frames

Plates, Garboard, double ~~or~~ rivetted to keel, double ~~or~~ at upper edge, with rivets (  $1$  ins.) diameter, averaging (  $3\frac{1}{4}$  in.) apart.  
 „ Edges from Garboards to upper part of bilge, worked clencher, double ~~or single~~ rivetted ; with rivets (  $3/4$  in.) diameter, averaging (  $2\frac{1}{2}$  ins.) apart.

Edges from bilge to sheerstrake, worked ~~carvel with a lining piece ( ) thick, or clencher, double~~ or single rivetted; with rivets ( $\frac{3}{4}$  in.) diameter, averaging ( $2\frac{3}{4}$  in.) apart. Do the butt straps lap over and rivet through the lands of the strake below? *no*

„ Butts from bilge to planksheers, worked carvel with butt straps (2 x 8 1/16 x 7 1/16) thick, double ~~or single~~ rivetted; with rivets (3/4 in.) diameter, averaging (2 3/4 ins.) apart. Breadth of laps in double rivetting (4 1/2) Breadth of laps in single rivetting (2 3/4)

Planksheer, how secured to the plating of the sides	Explain by sketch if necessary.	Gutter waterways) at end 3"x9 Red Pine
Waterway " " planksheer and to the Beams		

Hold or Lower Deck ditto Same as Deck

Paddle " " \_\_\_\_\_ No. of breasthooks Four crutches Two

We certify that the above is a correct description of the several particulars therein given.

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**Workmanship.** Are the lands or laps of the clenchwork in all cases in breadth at least five and a half times the diameter of the rivets in double rivetted edges and butts, and at least three and a quarter 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 one length*  
 Do the holes for rivetting plate to frames, butt straps, 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, Bowsprit, Yards, &c., are in *Good* condition, and sufficient in size and length. (If they are of Iron or Steel give the 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 rivetting, quality of Materials, and if stamped with Maker's name.)

She has SAILS.

CABLES, &c.

ANCHORS, and their weights.

N <sup>o</sup> .	Fore Sails,	Chain	Fathoms.	Inches.	Tested to Tons.	N <sup>o</sup> .	Weight.	Tested to Tons.
	Fore Top Sails,	<del>Hemp</del> Stream Cable	270	1 7/16	37 1/2	3	19.1.14	20.70
	Fore Topmast Stay Sails,	Hawser <i>Manila</i>	90	1 3/16			10.3.0	19.15
	Main Sails,	Towlines	90	6 1/2			10.1.2	19.4.2
	Main Top Sails,	Warp	90	5 1/2				
		All of <i>Good</i> quality.	60	5 1/2				

Her Standing and Running Rigging *Wire Hemp & Manila* sufficient in size and *Good* in quality.

She has *Two life boats* Long Boat and *Single Gig & jolly boat*  
 The present state of the Windlass is *Good* Capstan *Good* and Rudder *Good* Pumps *Willows* *These others of great value*

Order for Special Survey No. *204* 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  
 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 seen at least once a week during progress of building.*

State if she has a Spar Deck *Yes* Poop *And* or Forecastle *Yes*

**General Remarks,** Frames of poop & forecastle all to the top height. Beams of Poop double angle *2 1/2 x 2 1/2 x 5/16*, of forecastle double angle *2 1/2 x 2 1/2 x 5/16* with double angle irons on top edge *2 1/2 x 2 1/2 x 5/16*. Stringers on ends of beams *2 1/2 x 6/16*. Plating outside *6/16* single rivetted at edges double do. at butts with *3/4* rivets spaced *2 1/4* in. apart. Waterways *5 x 10* g. Oak Deck *3 in. Y. Pine*. Intercostal Keelson fitted on each side of middle line, plates *16 x 0/16* double angle irons *4 1/2 x 3 1/2 x 7/16*. As additional longitudinal strengthening sheersha increased *2/16* ths. in thickness for *3/4* the length.  
*Richardson, Dukes*

In what manner are the surfaces preserved from oxidation? Inside *Plat with Portland cement other parts with paint*  
 Ditto ditto Outside *With three coats of paint.*

I am of opinion this Vessel should be Classed *A 1*  
 The amount of the Fee *£ 5 : 0 : 0* is received by me, *S. P. Gladstone*  
 Special *£ 37 : 7 : 0*  
 Certificate (if required) *£ :*

Committee's Minute *29th Sept 1865*

Character assigned *B 1*  
*Mc* *MAJ.* *Sept 20/65*

*This Steamer of 2000 appears to be eligible for Classification as recommended above*

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