

18 64

Butt Straps of Keelsons, Stringer and Tie Plates, double ~~or single~~ rivetted? *Double*  
Planksheer, how secured to the plating of the sides } Explain by sketch } *with nut bolts*  
Waterway " " planksheer and to the Beams } if necessary. }  
Deck Beams, how secured to the side? *Beam ends turned & pieces welded.*  
Hold or Lower Deck ditto *Same as Deck*  
Paddle " " \_\_\_\_\_ No. of breasthooks *Four* crutches *Three*  
What description of Iron is used for the Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.? *All good*  
Manufacturer's name or trade mark *Hopkins & Co. Middlesex & Stockton Iron Works.*  
We certify that the above is a correct description of the several particulars therein given.  
Builder's Signature *Wm. L. H. H. Co.* Surveyor's Signature *S. P. Gliddstone*



3827 *Low*  
**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.

No.			Fathoms.	Inches.	Tested to Tons.	No.	Weight.	Tested to Tons.
2	Fore Sails,	Chain .....	300	1 1/4	5 1/2	3	29.1.15	20.3.0
2	Fore Top Sails,	Hempen Stream Cable .....	90	1 1/4		2	20.1.5	27.0.0
2	Fore Topmast Stay Sails,	Hawser .....	90	0		1	24.0.20	24.1.0
2	Main Sails,	Towlines .....	90	10		1	12.0.0	
1	Main Top Sails,	Warp .....	90	6		2	5.2.0	
and	<i>others as usual all good</i>	All of <i>good</i> quality.	90	4			2.3.4	

Her Standing and Running Rigging *Pine & Cape Manila* sufficient in size and *good* in quality.

She has *Two life boats Long Boat and Two cutters Pine & Holly do*

The present state of the Windlass is *good* Capstan *Pine* and Rudder *good* Pumps *Pine & good*

Order for Special Survey No. *105* DATES of Surveys held 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 *Once & twice a week between the dates given*

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

General Remarks, *Is fitted with a spar deck frames all the top height, reverse bars on alternate frames excepting eighteen frames at fore & after ends. Plating 7/16 single rivetted at edges double at butts with 3/4 rivets spaced 3 in. Beams bulb plates 6 1/2 x 7/16 with double angle irons on top edge 2 1/2 x 2 1/2 x 5/16 Stringers on ends of beams 20 x 0/16 angle irons on do. 4 x 3 x 7/16, tie plates outside hatchways 9 x 0/16, three sets of diagonal tie plates 9 x 0/16, waterways 7 1/2 x 10 R Pine. Flat of deck 3 1/4 y. Pine fastened with 9/16th nut bolts from the top. In lieu of Intercoastal Keelsons, plates fitted on top of floors 12 x 10/16 with double angle irons on top 5 x 4 x 10/16. As additional longitudinal strengthening main sheestakes doubled for three fourth the vessels length plates 22 1/2 x 9/16 and Bulb plates fitted between bilge angle irons 0 x 0/16 all fore & aft. Main deck gunwale stringers increased in width for half the length. See Secretary's letters dated 19th Oct. 1863 & 7th May 1864. A small deck house fitted on upper deck 30 ft. before stern port length 10 ft. width 8 ft. framed with Red & planked with y. Pine.*

In what manner are the surfaces preserved from oxidation? Inside *Plat, cemented with Portland cement & the parts are* Ditto ditto Outside *Three coats of paint.*

I am of opinion this Vessel should be Classed *B*  
The amount of the Fee £ 5 : 0 : 0 is received by me, *Oct 1864* Special £ 69 : 0 : 0  
Certificate (if required) £ : : :

Committee's Minute *4th November 1864*

Character assigned *B*  
*(A + P) "Spar decked"*

*S. P. Gledhill*  
*This Spar Decked Iron Screw Steamer appears to be B in Mr. Jones Report of Ships then building at Hartlepool, which he respectfully begs reference. The Builder was before the Gen. Committee in April or May last relative to her construction and the additions then agreed to appear to be adopted. She appears eligible for Class B as recommended above and to be marked "Spar Decked" Nov 1/64*