

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

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*

20967 Iron

Masts, Bowsprit, Yards, &c., are *iron & pine* 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. *Fore mast 78 feet in length - 23" diam²; Main Mast 73 feet in length - 21" diam²; plates 9/16 & 7/16; butts double & treble riveted - seams double riveted - two plates in the round - Manufacturers of iron "Consett."*

NUMBER for EQUIPMENT 24788		Fathoms.	Inches.	Test per Certificate.	Length & Size req'd per Rule.	Test req'd per Rule.	ANCHORS.	N ^o .	Weight. Ex. Stock.	Test per Certificate.	Wght req'd per Rule.	Test req'd per Rule.
N ^o .	SAILS.	CABLES, &c.										
One	Fore Sails,	<i>J. Hartness Sunderland.</i>	270	1 13/16	59 1/2	82 3/4	Bowers	3	33-1-7	31-2-0-21	32	30 2/20
	Fore Top Sails,	<i>20 Feb 1878</i>			1 13/16	82 3/4			33-0-14	30-1-1-14	32	30 2/20
	Fore Topmast Stay Sails								26-2-14	26-1-3-14	27 1/4	26 1/20
	Main Sails,	<i>H. Strm Cbl</i>	90	1 1/16	13 1/2	75-1 1/16			<i>J. Hartness Sunderland</i>			
	Main Top Sails,	<i>Hawser ...</i>	90	10		90-12	Stream	1	13-1-14	13-2-2-0	13	
		<i>Towlines ...</i>	90	7		90-11			6-2-7	7-1-3-14	6 1/2	
		<i>Warp ...</i>	90	7		90-7	Kedges	2	3-1-0	4-1-3-0	3 1/4	
		<i>quality good</i>	90	5								

Standing and Running Rigging *wire & hemp* sufficient in size and *good* in quality. She has *one* Long Boat and 3 others.

The Windlass is *good* Capstan *good* and Rudder *good* Pumps *good*

Engine Room Skylights. How constructed? *Iron casing to height of bridge* How secured in ordinary weather? *bolted down*

What arrangements for deadlights in bad weather? *Solid shutters & bulls eyes*

Coal Bunker Openings. How constructed? *iron casting* How are lids secured? *by bars* Height above deck? *20"*

Scuppers, &c. What arrangements for clearing upper deck of water, in case of shipping a sea? *Spine side ports and seven scuppers each side*

Cargo Hatchways. How formed? *7/16 plates*

State size Main Hatch *20' x 11' - 2 feet above deck* Fore hatch *8' x 8' - 2 ft. above deck* Quarter hatch *20' x 11' - 2 feet above deck*

If of extraordinary size, state how framed and secured? *Ordinary size*

What arrangement for shifting beams? *One deep shifting beam at main Hatch - d^o at After Hatch*

Hatches, If strong and efficient? *strong and efficient*

Order for Special Survey No. *2066* 1st. On the several parts of the frame, when in place, and before the plating was wrought *1877 Oct 5. 9. 17. 29. Nov 2. 5. 8. 13. 21. 26. 30.*
Date *1 Oct 1878* in the plating during the process of riveting *Dec 4. 11. 19. 20. 26. 1878 Jan 7. 10. 16. 22. 20.*
When the beams were in and fastened, and before the decks were laid... *31. July 5. 11. 15. 20. 22. March 7. 14. 21. 28.*
When the ship was complete, and before the plating was finally coated or cemented... *April 24. May 2. 10.*
No. *34* in builder's yard. Date as *...* After the ship was launched and equipped

General Remarks (State quality of workmanship, &c.) *This is a three decked vessel built in accordance with the plans attached and in other respects in accordance with the Rules.*

*She has a forecottle 34 feet in length and a poop 32 feet in length.
She has a ballast tank 28 feet in length 20 feet of which are in the Engine Space and 8 feet in the fore hold - There is also a ballast tank in the after hold 82 feet in length. The tanks have been tested with head of water to the height of the load line.
The quality of the workmanship is good throughout.*

R. C. L. Stan Ho

H. Eames

Fore tank 28' 3"

After tank 82' 3"

State if one, two, or three, decked vessel, or if spar, or running decked; and the length of poop, forecottle, or raised quarter deck; and the length of double, or part double bottom.

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

Outside *paint*

I am of opinion this Vessel should be Classed *"100 A. 1 - 3 decks"*

The amount of the Entry Fee ... £ 5 : - : is received by me, *T. Young*

Special ... £ 71 : 6 : 6 27 May 1878

Certificate ...

(Travelling Expenses, if any, £ ...)

Committee's Minute 4th, June 1878.

Character assigned

100 A. 1 - 3 decks
2 Dhs 3 Sts 1 B

J. H. Truscott.
It is submitted that a vessel appears eligible to be classed 100 A. 1 as recommended by the Committee.
"2 Dhs 3 Sts 1 B" Iron deck
Double Bottom 110 ft
30/5/78