

WEDNES. 17 MARCH 1880

Form No. 2 for Iron Ships—1500—27/34 -Transfer Ink.)

* By Iron Back, state if whole or part, and if wood lock to liquid thereon.

Workmanship.

Are the butts of plating planed or otherwise fitted?

Hammered

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?

Very few

Masts, Bowsprit, Yards, &c., are

All 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 81' 2 1/2", three plates in the round 12" to 10", and 3 angles 4" x 3" x 1/4" in. Main Mast 80' x 2 1/2", three plates in the round 10" to 8", and 3 angles 3 1/2" x 3" x 1/4"; Fore Yard of Steel 76' x 1 1/2". Three plates in the round 10" to 8" and 3 angles 2 1/2" x 2 1/2" x 1/4". All double at partners & Slings and plates fastened at the works. Pole Masts 13m rigged as auxiliary to steam power.

NUMBER for EQUIPMENT

26990 (W)

Inches. Test per Certificate. Inches per Rule. Machine where Tested & Suprntd.

ANCHORS.

N^o. Weight. Ex. Stock. Test per Certificate. W'ght req'd per Rule. Machine where Tested & Suprntd.

SAILS.	CABLES, &c.	Inches.	Test per Certificate.	Inches per Rule.	Machine where Tested & Suprntd.
By Tonnage	Chain	150	2 1/2	113.15.0	300 x 2 1/2 14 Nov 85
Fore Sails,	(State Machine where Tested, Date, or No. of Certificate, & Name of Superintendent.)	150-5-2 1/2	2 1/2	113.15.0	20
Fore Top Sails,	Iron Steam Chain	90	4 1/2	39.10.0	90 x 1 1/2 9.9.85
Fore Topmast Stay Sails,	or Steel Wire ..	120	4 1/2	39.10.0	16 Feb. 86
Main Sails,	or Hempen Strm Cable ..	90	3 1/2	22	90 x 1 1/2 9.9.85
Main Top Sails,	Towline, Hemp.	90	3 1/2	22	90 x 1 1/2 9.9.85
and	or Steel Wire ..	90	3 1/2	22	90 x 1 1/2 9.9.85
Standing and Running Rigging	Hawser ..	90	3 1/2	22	90 x 1 1/2 9.9.85
	Warp ..	90	3 1/2	22	90 x 1 1/2 9.9.85
	quality	90	3 1/2	22	90 x 1 1/2 9.9.85

		EX. STOCK.	Certificate	per Rule.	
Bower Anchors	1	41.0.0	36.10.0	40	23 Nov. 85
(State Machine where Tested, Date, or No. of Certificate, & Name of Superintendent.)	1	40.3.20	36.10.0	40	24 " "
	1	35.2.23	32.10.3	34	2P " "
		D. G. Lewis Sup			
Stream Anchor	1	13.0.24	19.1.14	12	25 Nov. 85
Kedge ...	1	6.2.0	8.15.0	6	25 " "
2nd Kedge ...	1	3.2.6	6.0.3	3	25 " "
She has	Two Long Boat and two others				

She has *Two* Long Boat and *two* others

The Windlass is *Patent and Good* Capstan *Good* and Rudder *Good* Pumps *Good*

Engine Room Skylights. How constructed? *of Oak wood on Iron* How secured in ordinary weather? *Bolts and nuts*

What arrangements for deadlights in bad weather? *Bolts tops with Bull's eyes*

Coal Bunker Openings. How constructed? *Plates & angles* How are lids secured? *Hatch bars* Height above deck? *12 ins*

Scuppers, &c. What arrangements for clearing upper deck of water, in case of shipping a sea? *One open gangway 20' 0", 1 facing port*

Cargo Hatchways. How formed? *of plates and angles 2' 6" above deck*

State size Main Hatch *19' 6" x 14' 0"; W 1 Fore hatch 11' 6" x 10' 0"; Q 3-15' 3" x 8' 0" Quarter hatch 4' 4" x 15' 6" x 10' 0"; W 5-11' 6" x 10' 0"*

If of extraordinary size, state how framed and secured? *One web plate in each of the three large hatchways W 2, 3*

What arrangement for shifting beams? *And 4, three fore & after in W 2, and one in each of the others.*

Hatches, If strong and efficient? *Yes, solid.*

Order for Special Survey No. *177*

Date *Oct 13th 1885*

Order for Ordinary Survey No. *177*

Date *Oct 13th 1885*

No. *185* in builder's yard.

State dates of letters respecting this case *Feb 26th 26th June 11th July 8th Sept 7th 10th 24th and Nov 10th 1885*

General Remarks (State quality of workmanship, &c.) *This vessel has been built in accordance*

with the accompanying approved tracings, viz. Midship section, Longitudinal

section showing web frames between decks; Sketch showing additions to

lower deck stringer; and pumping plan; and in compliance with the

Secretary's letters dated as above - so far as they relate to the construction

of the vessel after the approval of the plans. She is a three decked

Steamer having a Forecastle 47' long, Bridge 76' long, under which the

Engines & Boilers are enclosed, and on top of which stands a Chart room

and the Engine room Skylight; and a Poop 41' long. She has a double

bottom constructed on the Cellular system 30 1/2 feet long and water capacity

for 734 tons; also an after peak tank with water capacity for 19 tons;

all tested as required by the Rules.

The materials used in her construction, and the workmanship

are very good.

State if one, two or three decked vessel, *one or two or running decked*; and the lengths of poop, bridge, forecastle, *unraised quarter deck*. (If double bottom, state particulars on separate form.)

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*

The amount of the Entry Fee£ *5* : : : is received by me, *J. L.*

Special£ *113* : *5* : *6* - *15.3.1886*

(to be sent as per margin). Certificate *Gratis* :

Committee's Minute *The 23rd March 1886*

Character assigned *100 A 1*

2 Dns Steel

3 Dns Steel

Cell. Synth. Bottom

Cell. Synth. Bottom

Cell. Synth. Bottom