

(Received at London Office)

State clearly where plating is of alternate thicknesses—as distinguished from diminished thickness at ends of vessel.

* If Iron Deck, state if whole or part, and if wood deck is laid thereon.

China 10

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed* 9797 26
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? *yes*

Masts, Bowsprit, Yards, &c., are *Steel & 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. The Fore mast & Fore Yard have been constructed of Parkhead Steel in accordance with the approved tracing and the Rules.

Fore Mast Length (Heel to Hounds) 74 ft. 6 in. Heel 18 dia x 7/16, Partners 24 x 7/8, Hounds 17 1/2 x 5/8, Head 14 1/2 x 3/4

Fore Yard 65 ft 16 1/2 dia x 3/32 to 8 1/2 dia x 3/16

Main Mast of Oregon Pine, Heel to Hounds 72 ft. 25 3/8 in dia.

Number for Equip-ment 3417735	Letter for do. V.	CABLES, &c.			Test per Certificate, Tons.	Fathoms & Inches per Rule.	Machine where Tested and Name of Chain Maker.	ANCHORS.			Weight, Ex. Stock.	Test per Certificate.	W'ght req'd per Rule, cwt.	Machine where Tested and Superintendent, also Name of Anchor Maker.
		Number of Certificate.	Fathoms.	Inches.				Number of Certificate (State if any and Name of Anchor).	Weight, Ex. Stock.	Test per Certificate.				
		1241	150	2 1/16	76 5/16	300 fms	Glasgow Forging House	2044	337-3-12	34-8-0-14	38			Glasgow Forging House
		1242	150	2 1/16	107 1/10	2 in	E. Sedhouse	2039	338-1-6	34-13-0-14	38			E. Sedhouse
		1243	90	1 3/16	38/25 3/8	90 fms 1 1/4	N. Hingley & Sons	2040	338-2-1/4	30-11-3-14	32 1/4			N. Hingley & Sons
		Iron Stress Chain or Steel Wire ..						No. Stockless Anchors						
		Hempen Stm Cable						Collective Weights			108-3-4		108 1/2	
		TOWLINE—Hemp or Steel Wire.	120	4	33	120 fms 1/4	Black Ranton & Co	Stream 2041	311-2-15	13-10-0-0	11 1/2			Glasgow Forging House
		Hawser	90	10		90 fms 10		Kedge 2042	315-2-18	8-2-3-7	5 3/4			E. Sedhouse
		Warp	90	8 1/2		90-8 1/2		2nd Kedge 2043	32-3-15	5-7-2-0	2 3/4			N. Hingley & Sons

Standing and Running Rigging Wire & Hemp sufficient in size and good in quality. She has two Life Long Boats and two other boats.

The Windlass is Napier Bros Capstan Napier Bros and Rudder Good Pumps good & sufficient.

Engine Room Skylights. How constructed? Tak with glass panels, on iron casing, above Hump. How secured in ordinary weather? bolted

What arrangements for deadlights in bad weather? Brass gratings, and tarpaulins.

Coal Bunker Openings. How constructed? Ginnings & head ledges. How are lids secured? Solid latches 2 1/2, tarpaulins. Height above deck? 13 1/2 ins.

Scuppers, &c. What arrangements for clearing upper deck of water, in case of shipping a sea? In fore well, 1 water port 47 x 17 1/2; 2, 29 x 17 1/2; 1, 28 1/2 x 16 1/2. 3 scuppers & 2 moving pipes on each side; in After well, 2 water ports 47 x 17 1/2; 2, 28 1/2 x 16 1/2; 1, 29 x 17 1/2; 3 scuppers, 2 moving pipes on each side

Cargo Hatchways. How formed? Plates and angles; (see sketch attached) Hatches, If strong and efficient? 3 in Pine, solid.

State size Main Hatches, N° 1 (for 4) 11' 10" x 11' 0"; N° 2, Fore hatch 24' 0" x 13' 0"; N° 3, 7' 10" x 7' 11"; Quarter hatch N° 4, 11' 9" x 11' 0"; N° 5, 19' 11" x 13' 1"

If of extraordinary size, state how framed and secured... See sketch

What arrangement for shifting beams? See sketch

Order for Special Survey No. 2264	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	1889 May 21, 23, 24, 27, 31, June 3, 6, 10, 14, 18, 21, 25, 28, July 1, 3, 9, 11, 23, 26, 30, August
Date 2 nd Feb 1889		2nd. On the plating during the process of riveting	2, 5, 8, 11, 14, 19, 24, 26, 27, Sept 2, 6, 9, 12, 17, 19, 23, 25, 30, Oct 2, 7, 10, 15, 17, 23, 25, 30.
Order for Ordinary Survey No. 1		3rd. When the beams were in and fastened, and before the decks were laid...	Nov 1, 4, 6, 11, 14, 19, 21, 25, 26, Dec 3, 9, 11, 17, 20, 24, 26, 27, 1890 Jan 7, 10, 14, 20, 24, 27, 29.
Date		4th. When the ship was complete, and before the plating was finally coated or cemented...	Feb 3, 6, 10, 14, 17, 21, 25, March 5, 11, 14, 19, 24, 27, 29, April 1, 2, 8, 9, 14, 18, 22, 24, 26.
No. 346 in builder's yard.		5th. After the ship was launched and equipped	Total No. of Visits 93

State dates of letters respecting this case 1888, 29th Nov., 5th & 25th Dec. 1889 12th, 17th, 19th Jan., 15th Feb., 14th & 17th June, 21st Oct.

General Remarks (State quality of workmanship, &c.) The workmanship throughout this Vessel is good: and she has been built in conformity with the approved tracings, the Secretary's letters above referred to, and in other respects in accordance with the Rules. Cellular-double-bottom water ballast tanks have been constructed in the Machinery space, and after holds, and these together with the Fore Peak, and after Peak water ballast tanks, have been tested as required by Rule.

Three Forging & Casting Reports are attached hereto

Seven tracings herewith; Midship Section forwarded on 28th inst.

How are the surfaces preserved from oxidation? Inside Cement & Paint Outside Paint.

Particulars for Record in R.B.—Length of Poop 37 ft., R.Q.D. ✓ ft, Bridge Dk., 70 ft., F'castle 40-5 ft.; No. of Dks. (excluding spar, awn., &c.) two
Material of dks. Steel & Pine If spar, awn. dk., &c. No. Material of spar, awn. dk., &c. ✓; No. of tiers of beams (with and without dks. laid) two
Official No. 97624; Signal Letters L R 6 D.
If double bottom, state particulars on separate form.

I am of opinion this Vessel should be Classed 100 A. 1 "Steel"

The amount of the Entry Fee£ 5: - - is received by me, (Signature)

Special£ 103: 4: 6 29/4 1890

(to be sent as per margin). Certificate ...

(Travelling Expenses, if any, £)

Committee's Minute FRIDAY 2 MAY 1890

Character assigned

+ Lumber 1/90

L & C P

100 A 1 Steel

2 dks Sll (U w8) +

Deep Framing

3 ok Rule

Surveyor to Lloyd's Register of British and Foreign Shipping.

It is submitted that this Vessel appears eligible to be Classed 100 A. 1 (Steel) as recommended. 2 dks Steel U w 8, 17 dks Framing 3 ok Rule. All OK (particulars appended)

H. M. Dove.