





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  
to plate, &c., conform well to each other? *Yes* Are the rivet holes well and sufficiently countersunk in the plate and pun  
from the faying surfaces? *Yes* Do any rivets break into or through the seams or butts of the plating? *A few at the butts*  
Masts, Bowsprit, Yards, &c., are *Wood* in *Good* condition, and sufficient in size and length. If of Iron or Steel give  
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  
and if stamped with Maker's name.  
State also Length and Diameter of Lower Masts and Bowsprit

Number for Equip- ment	Letter for do.	CABLES, &c.			Test per Certificate Tons.	Fathoms & Inches per Rule.	Machine where Tested and Superintendent, also Name of Chain Maker.	ANCHORS.	Weight. Ex. Stock.	Test per Certificate	Wght req'd per Rule.	Machine where Test Superintendent, a Name of Anchor M.
		Number of Certificate.	Fathoms.	Inches.				Number of Certificate (State if any and which Anchors are Stockless)				
		5959	240	1 3/4	6 1/2	43 1/2	27-6-89					
		<i>Makers of Chains, Shot &amp; Cast Steel at R.R.P. &amp; Co. Ltd.</i>										
		<i>Chains Callipers &amp; other Cir 2 1/2 to 6 1/2 found in order.</i>										
		Iron-Stream Chain	90	3 1/4	29	45-1		19004	29-2-14	28-6-3-14	23-2-0	25-6-89
		or Steel Wire ..						19007	29-1-19	28-5-0-0	23-2-0	26-6-89
		Hempen Str'm Cbl						19006	25-3-14	25-12-2-0	20-0-0	26-6-89
		TOWLINE -	90	3 1/4	22	90-10	Steel hawsers	Collective Weights	84-3-22		64-0-0	
		Hemp or Steel Wire						Stream .....	8-1-26	10-12-2-0	8-0-0	24-6-89
		Hawser .....	90	2 3/4	15 1/2	90-8	Certified by	Kedge .....	4-0-14	6-10-0-0	4-0-0	18-6-89
		Warp .....	90	6	Hemp	90-6	Craven & Spedding	Kedge ....	2-0-0	4-10-0-0	2-0-0	18-6-89

Standing and Running Riggings *Wor & Manila* sufficient in size and *Good* in quality. She has *One* Long Boat and *two* others

The Windlass is *Clark's Chapman & Co's* Capstan *4 lb* Winches and Rudder *Good* Pumps *Good*

Engine Room Skylights. - How constructed? *Of iron on iron framings* How secured in ordinary weather? *Hand screws*

What arrangements for deadlights in bad weather? *Iron flaps with bulls eyes*

Coal Bunker Openings. - How constructed? *Wrought iron* How are lids secured? *Hatch bars* Height above deck? *16 + 33"*

Scuppers, &c. - What arrangements for clearing upper deck of water, in case of shipping a sea? *Scuppers, Ports, and Moring Pipes.*

Cargo Hatchways. - How formed? *Iron plates and angles in the usual way* Hatches, If strong and efficient? *Yes For Solid*

State size Main Hatch *26-10 x 16-0* Forehatch *19-2 x 12-0* Quarterhatch *23-0 x 16-0 + 15-4 x 12-0*

If of extraordinary size, state how framed and secured... *Wood frames in way of Main Hatch and on in way of after main hatch* What arrangement for shifting beams? *Efficient*

Order for Special Survey No. *2530* 1st. On the several parts of the frame, when in place, and before the plating was wrought

Date *10 Decr 88* 2nd. On the plating during the process of riveting

Order for Ordinary Survey No. *2530* 3rd. When the beams were in and fastened, and before the decks were laid...

Date *10 Decr 88* 4th. When the ship was complete, and before the plating was finally coated or cemented...

No. *84* in builder's yard. 5th. After the ship was launched and equipped

State dates of letters respecting this case *13<sup>th</sup> 22<sup>nd</sup> & 29<sup>th</sup> December 1889 & January 3<sup>rd</sup> 1889*

General Remarks (State quality of workmanship, &c.) *This Steel Screw Steamer has been built in accordance with the approved photo-prints of Midship Section and Profile as amended, the Secretary's letters of the above mentioned dates, and in general conformity with the Rules for the Class contemplated. The workmanship throughout is good.*

*The Steel used in her construction was manufactured by the Firms mentioned on the front of this Report, and it has been tested as required by Notice No 436; Iron rivets have been used throughout.*

*The lower anchors are Masteney Smith's "patent stockless cast steel", and they have been subjected to drop and mechanical tests by Mr H. J. Bodds, and the marks on them correspond with the certificates issued by him.*

*A bridge keel formed of bulb 8 x 3/8 with double angles 3 1/2 x 3 1/2 x 5/16 is fitted for a length of one hundred and twenty feet amidships.*

*The bottom is cemented with enamel cement; at the request of the Owners, please see letter from them attached to old Report No 15044.*

How are the surfaces preserved from oxidation? Inside *Wales' Sons & Co's Cement & Paint* Outside *Paint*

Particulars for Record in R.B. - Length of Poop *29 1/2* ft., R.Q.D. *59 1/2* ft., Bridge Dk. *44 1/2* ft., F'castle *32 1/2* ft.; No. of Dks. (excluding spar, awn., &c.) *One*

Material of dks. *Iron* If spar, awn. dk., &c. *✓* Material of spar, awn. dk., &c. *✓*; No. of tiers of beams (with and without dks. laid) *Two*

Official No. *✓*; Signal Letters *✓*. If double bottom, state particulars on separate form.

I am of opinion this Vessel should be Classed *100 A 1 Steel* (deck, bulkheads, floors, girders & inner bottom iron) *A & C.P.*

The amount of the Entry Fee *£ 4 : 0 : 0* is received by me, *W.H.*

Special *£ 55 : 14 : 6* 19 July 1889

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

(Travelling Expenses, if any, £ ...).

Committee's Minute

Character assigned *100 A 1 Steel*

*Well OK*

*22/7/89*

*W.H.*

*22/7/89*

*W.H.*

*22/7/89*

*W.H.*

*22/7/89*

*W.H.*

*22/7/89*

*W.H.*

*22/7/89*

*W.H.*

*22/7/89*

*W.H.*

*22/7/89*