





Workmanship. Are the butts of plating planed or otherwise fitted? *Planed and fitted*  
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 only*  
Masts, Bowsprit, Yards, &c., are *P. 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

*P. Pine Poles*

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 (State if any and which Anchors are Stockless.)	W'ght req'd per Rule.	Machine where Tested and Superintendent, also Name of Anchor Maker.
	Number of Certificate.	Fathoms.	Inches.				Number of Certificate (State if any and which Anchors are Stockless.)	Weight.				
<i>7386</i> <i>f</i>	<i>8222</i>	<i>165</i>	<i>1 1/6</i> <i>(as callipers)</i>	<i>30 1/2</i> <i>20 1/2</i>	<i>165</i>	<i>H. Wear Co. Ltd.</i> <i>1945</i>	<i>1945</i>	<i>75</i>	<i>10</i>	<i>10</i>		<i>River Wear Co. Ltd.</i> <i>1945</i>
<i>N</i> <i>One but - good</i>							<i>20097</i> <i>Smiths</i>	<i>9.1.25</i> <i>Stockless</i>	<i>11.11.10</i>			<i>River Wear Co. Ltd.</i> <i>1945</i>
<b>SAILS.</b>												
Fore Sails,												
Fore Top Sails,												
Fore Topmast Stay Sails,												
Main Sails,												
Main Top Sails, and quality												
	<i>Iron-Stream Chain</i> <i>on Steel Wire</i>	<i>45</i>	<i>2 3/4</i>	<i>15</i>	<i>45</i>	<i>W. Barton &amp; Co.</i> <i>1945</i>						
	<i>Hempen Str'm Cable</i>											
	<i>TOWLINE</i> <i>Hemp or Steel Wire</i>	<i>75</i>	<i>7 1/2</i>		<i>75</i>							
	<i>Hawser</i>	<i>90</i>	<i>5 1/2</i>		<i>90</i>							
	<i>Warp</i>	<i>90</i>	<i>5</i>									

Standing and Running Rigging *180* *4 1/2* sufficient in size and *Good* in quality. She has *2* Long Boatsand  
The Windlass is *Iron pattern* Capstan *Good* and Rudder *Good* Pumps *Good and efficient*

Engine Room Skylights.—How constructed? *Iron casings. Yark over* How secured in ordinary weather? *Straps and lashing down lock*

What arrangements for deadlights in bad weather? *Paraffin secured with battens*

Coal Bunker Openings.—How constructed? *Cast iron frames* How are lids secured? *By means of Complings* Height above deck? *Flush*

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *Two facing ports in well, viz. one of 3' 6" x 1' 11" and one of 2' 6" x 1' 6" (Length of well = 40 ft)*

Cargo Hatchways.—How formed? *Iron crammings and headlugs* Hatches, If strong and efficient? *Solid 2 1/2*

State size Main Hatch *21' x 12'* Fore hatch *12' 3" x 12' 0"* Quarter hatch *8' 0" x 3' 6"*

If of extraordinary size, state how framed and secured.... *Two well frames in way of main hatch* What arrangement for shifting beams? *Good*

Order for Special Survey No. *2283* 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. Oct. 2. 4. 14. 14. 23. 25. 28. 31*  
2nd. On the plating during the process of riveting *Nov. 3. 6. 12. 14. 20. 27. Dec. 6. 7. 9. 13. 14. 27.*  
3rd. When the beams were in and fastened, and before the decks were laid.... *1890 Jan. 9. 10. 15. 20. 22. 28. 30*  
4th. When the ship was complete, and before the plating was finally coated or cemented... *Feb. 5. 11. 13. 18. 19. 21. 26*  
5th. After the ship was launched and equipped *Mar 5. 12*

Order for Ordinary Survey No. *1* Date *✓*

No. *77* in builder's yard. State dates of letters respecting this case *26/10/88* *10/1/89*

General Remarks (State quality of workmanship, &c.) *This is a steel and iron screw steamer with a sunk forecabin, bridge house and long raised quarter deck. She has been built in accordance with the approved plans attached hereto and with the Rules generally also she is a sister vessel to the "Nugget". (Glasgow Report No 9239) by the same builders for the same owners. Her framing, keelsons and deck are of iron, the shell plating and beams being of steel. The side keelsons are continuous (both plates and angles) and the floor plates and reserve frames are in three lengths; the connections being as shown on the sketch of midship section. The Committee circulars relating to the use of steel have been complied with. The fore peak tank has been duly tested with water pressure and found satisfactory. The materials and workmanship are good. The freeboard assigned by Committee's Memo of 20 June 1889 to the sister vessel "Nugget" has been marked upon both sides of this vessel amidships in anticipation of the same freeboard being approved in her case - viz. - Winter 10 1/2 inches Summer 9 1/2 inches Fresh water 2 1/2 inches*

Freeboard Survey Report attached hereto. Survey report detained awaiting particulars of tonnage. How are the surfaces preserved from oxidation? Inside *Paint and Portland Cement* Outside *Paint and Composition*

Particulars for Record in R.B.—Length of Poop *ft., R.Q.D. 68 1/2 ft., Bridge Dk., 8 1/2 ft., F'castle 24 ft.; No. of Dks. (excluding spar, awn., &c.) 1*

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) *1*; If double bottom, state particulars on separate form.

Official No. *97614*; Signal Letters *✓*

I am of opinion this Vessel should be Classed *100 A 1 "Iron framing, steel plating" with record of freeboard as above.*

The amount of the Entry Fee .....£ *2* is received by me *✓*

Special .....£ *14* : *10* : *11/4* : *18*

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

(Travelling Expenses, if any, £ ...)

Committee's Minute

Character assigned *100 A 1 Iron framing steel plating*

+ *2nd 3/90*

*axap*

*Record freeboard*

*well dk*

*FRIDAY 11 APRIL 1890*

*100 A 1 Iron framing steel plating*

*12k Iron*

*well dk*

*Record freeboard*

*axap*

*100 A 1 Iron framing steel plating*

*12k Iron*

*well dk*

*Record freeboard*

*axap*

*100 A 1 Iron framing steel plating*

*12k Iron*

*well dk*

*Record freeboard*

*axap*

*100 A 1 Iron framing steel plating*

*12k Iron*

*well dk*