



PLATING. RIVETING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. Includes tables for Flat Plate Keel, Garboard or A Strake, and other ship components with dimensions and riveting specifications.

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keels, Sides, Tie and Stringer Plates, Plating, &c.?

FRAMES extend in one length from Middle line to tank side, thence to gunwale. REVERSED FRAMES on floors and frames extend from Middle line to upper and middle decks alternately, all to upper deck in way of Bridge, Poop, and alternations to Forecastle deck.

MASTS, SPARS, &c. LOWER MASTS. Fore, Main, Mizzen. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds, G. Wire & Manilla. Sails. One complete Suit of.

EQUIPMENT No. 32785 LETTER W. ANCHORS. Table with columns: Number of Certificate, Anchors, Weight, Ex. Stock, Weight of Stock, Test, Per Certificate, Weight Required by Table 22, Description of Anchor, Makers, Where and when tested and Superintendent.

CHAIN CABLES. Table with columns: Number of Certificate, Fathoms, Size, Test per Certificate, Weight of Chain Cable, Fathoms and Size per Table 22, Description, Makers of Cables, When and where tested, Material, Fathoms, Size, Breaking Test of Steel Wire Towline, Fathoms and Size per Table 22.

HAWSERS AND WARPS. Table with columns: Number of Certificate, Fathoms, Size, Test per Certificate, Weight of Chain Cable, Fathoms and Size per Table 22, Description, Makers of Cables, When and where tested, Material, Fathoms, Size, Breaking Test of Steel Wire Towline, Fathoms and Size per Table 22. Includes sections for Boats, Pumps, Windlass, Engine Room Skylights, Coal Bunker Openings, Scuppers, Ceiling in Holds, Cargo Hatchways, State size No. 1 Hatch, Number of Web Plates, Bulwarks, and The above is a correct description.

Builder's Signature (here only). Surveyor's Signature. Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

5-September 1899 (H), and letters re previous vessels

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

Is the riveted work properly closed? Yes.

Are the liners between the frames 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 plating? A few, at the butts only.

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes.

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? Yes.

State results of tests. Satisfactory

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)?

State results of tests

General Remarks (State quality of workmanship, &c.) This steel screw steamer (which is a similar vessel to the "Aqua" M.V. Report No. 2489) has been built in accordance with the approved plans of Midship Section and Profile as amended. The Secretary's letters of the above-mentioned date bearing upon the case and in other respects as required by the Rules & Circulars for the class contemplated. The workmanship is good throughout.

The Bower Anchors are Releance Patent Stockless, and the Cast Steel Heads of same have been subjected to drop and mechanical tests at Newcastle by Mr. J. C. Craig.

She has a Bilge Keel formed of bulb 10 x 1 1/2, and angles 3 1/2 x 3 1/2 x 5/8 fitted for a length of about one hundred and ten feet.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 30.9 ft., R.Q.D. or Break ✓ ft., Bridge Dk. 16.6 ft., F'castle 34.0 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. ✓

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1 d.k. (iron) 2 tiers of Beams & Web frames.

Official No. 112748; Signal Letters

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

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with g'rders on floors Cellular System.

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	110	245	Fore peak tank,	✓	✓
Double bottom, under Engines and Boilers,	24	65	After peak tank,	12	97
Double bottom, if under Engines only,	✓	✓	Midship deep tank,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Other tanks, if fitted,	✓	✓
Double bottom, forward,	134	332	(If necessary, furnish further information by sketch.)	✓	✓

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules. Yes.

Order for Special Survey No. 467

Date 7 September

o. 373 in builder's yard.

DATES of Surveys held while building

1900 March 5, 7, 8, 12, 14, 16, 22, 27, 29. April 4, 10, 11, 14, 19, 23, 26, 30. May 7, 10, 14, 17, 23, 25, 29, 31. June 11, 18, 20, 21, 22, 23, 25, 27, 29. July 2, 3, 4, 5, 9, 10, 11, 12, 13, 16, 17, 18, 20, 23, 25, 27, 30, 31. August 2, 8, 10.

Total No. of Visits

The amount of Entry Fee ..... £ 5 : 0 : 0.  
Special Survey Fee ... £ 100 : 8 : 0.  
Travelling Expenses, if any £ - : - : -

Fees applied for, 21. 8 1900  
Received by me, R.H.D. 21. 8 1900

Certificate to be sent to

State whether the Vessel has been built under Special Survey Yes.  
In opinion this Vessel should be Classed 100A1 Steel & C. P. with freeboard

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

Committee's Minute

FRI. 24 AUG 1900

Character assigned

100A1 Steel  
w. freebd. 2.3.10  
A & C P  
+ 2 hrs 8.00



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