

PLATING. RIVETING. BUTTS. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. Ordinary or joggled? BUTTS. IF LAPPED. Write here "Strake" opposite its corresponding letter. The after lengths of the shell plating connected to the star frame, are of the midship thickness, except the bow plates, which are 1/2" thicker amidship. The midship thickness of the strake maintained forward to the collision bulkhead, and the frames of the bottom doubled from margin to margin forward of the 3/4" to peak bulkhead and additional 1/2" intervals introduced. Ribs clear of the keelson and additional 1/2" intervals introduced. No required by the Rules. It may be remarked that 13 strakes is reduced 1/2" in way of C.B. Length of shell plates are 10 frame spaces. Doubling of Flat Plate Keel of Bilge. Length and thickness of Sheerstrakes. Doubled from within for 1/2 length. of Strake below. POOP SIDES. BRIDGE SIDES. FORECASTLE SIDES. Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. J. & W. Martin & Sons, Glasgow, Dalzell, Halliday, Thomson, Calderbank, Lanarkshire, Parkhead, Blochairn. Iron & Steel Works, Warrington. Has the Steel been tested as required by the Rules? Yes. Spar on running Butts, treble riveted for 3/4 length amidship. Stringer Plate (Straps, single, double or overlapped for whole length amidship. Stringer Butts, treble riveted for whole length amidship. Plate (Straps, single, double or overlapped for whole length amidship. Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted? 2R. Inner Bottom Plating, riveting of Edges 2R. Butts 2R. Centre Girder Butts, 3R. riveted. Keelson Butts, 3R. riveted. Frames, riveted through Plates with 7/8 in. Rivets, about 6 1/4 apart. Rivets, state whether Iron or Steel. Iron. FRAMES extend in one length from centre line margin plate to gunwale state if ordinary or joggled? joggled. REVERSED FRAMES on floors and frames extend from centre line to margin plate Double state if ordinary or joggled? joggled. in square space under Bulkheads, all to spar deck and abut to the deck. MASTS, SPARS, &c. LOWER MASTS. Fore. Main. Mizzen. Material. Total Length. Diameter and Thickness. At Partners. Heel. Hounds. Head. No. of Plates in round. ANGLES. Number. Size. RIVETING. Seams. Butts. 10219 1st Bower. 47 1 0. Stockless. 40 13. 14. 45. 45. Stockless. 10217 2nd. 46 2 14. do. 40 5. 1. 7. 45. do. 10215 3rd. 38 1 21. do. 34 16. 1. 38. do. Collective weight 132 1 7. 128. 59713 Stream. 12 1 7. 3. 15. 14 4. 7. 12. Ordinary. 59712 Kedge. 5 3. 1 2. 1. 8. 2. 14. 5. 2. do. Mechanical test 21/9/07 JM 4775. 4770. 4771. CHAIN CABLES. HAWSERS AND WARPS. Boats. 2 life and 2 others. Pumps, Number one Down on one hand pump for each of 4 anchors. State whether they are in efficient working order. Windlass is Clarke Chapman's patent steam windlass. 6 steam winches. Engine Room Skylights. How constructed? Teak. What arrangements for deadlights in bad weather? Teak shutters & bulls eyes. Coal Bunker Openings. How constructed? Built angles. How are lids secured? Cleat & battens. Height above deck? 9'. Number of Scuppers, and number and dimensions of Freeing Ports, &c. 8 scuppers each side, 7 seven freeing ports each side 30" x 22". Ceiling in Holds, thickness and material 2 1/2 pine throughout. Cargo Battens, thickness and material 2x6 pine. Cargo Hatchways. How formed? Steel plates & angles. Hatches, If strong and efficient? Yes 3' solid. State size No. 1 Hatch (Forward) 24' x 16' x 36". No. 2 Hatch 24' x 16'. No. 3 Hatch 24' x 16'. No. 4 Hatch 20' x 16'. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 2 webs to nos 1-2 + 3 hatchways + one to no. 4. 3 wood fore & afters to each Hatchway. No. of Breasthooks 6. No. of Crutches Deep floors. Bulwarks, height above deck and description 4-3 steel plates. Main Rail and Stays material and size 6 x 3 x 8/16. Slaps steel plate 7 x 7/20 about 6 ft apart. The above is a correct description. Builder's Signature (here only) A. Rodger & Co. Surveyor's Signature. Ed. Ward & Co. of Bristol.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) *25/6/06 27/7/06*

On 20/3/06 21/3/06 31/3/06 230/5/06. 3/5/07

Workmanship. Are the butts of plating planed or otherwise fitted? *yes planed where practicable*

Is the riveted work properly closed? *yes*

Are the liners between the frames and plates solid single pieces? *joggled framing* 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? *yes*

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)? *yes* State results of tests *satisfactory*

General Remarks (State quality of workmanship, &c.) *This steel screw steamer (single deck & hold beams) has been built in accordance with the approved plans, the Secretary's letters & the Society's Rules. The quality of the material & workmanship is good. The steel used in her construction has been tested at the works of the manufacturers by the Society's Surveyors. The pumps & m/c doors examined. Also the tanks, funnel & peaks tested with water as required by the Rules. The keel sighted & found to be practically straight & the moulded depth checked whilst on the stocks. A copy of each of the approved drawings accompany this report. This vessel is a sister vessel to the Francesco Munier and No 399. Greenock Report No 15053*

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

ARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *29* ft., R.Q.D. or Break — ft., Bridge Dk. *88* ft., F'castle *34* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

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) *One deck steel, & deep framing*

Official No. — ; Signal Letters —

How are the surfaces preserved from oxidation? Inside *paint & cement* Outside *paint*

ARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *C.D.B.*

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <i>& under engines</i>	<i>124</i>	<i>228</i>	Fore peak tank,	—	—
Double bottom, under Engines and Boilers,			After peak tank,	—	<i>70</i>
Double bottom, if under Engines only,			Deep tank aft,	—	—
Double bottom, if under Boilers only,			Deep tank forward,	—	—
Double bottom, forward,	<i>148</i>	<i>372</i>	Other tanks, if fitted,	—	—
Total capacity	<i>650</i>		(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. *2469*

Date *12th May 1907*

To *4074* in builder's yard.

DATES of Surveys held while building

Built under Special Survey
1907. May 14. 20. 29. June 3. 10. 18. 24. 29. July 2. 18. 23. 29. Aug. 1. 5. 9. 12. 15. 19. 27. Sep. 2. 6. 10. 13. 17. 23. 26. 30. Oct. 4. 8. 11. 16. 18. 21. 23. 29. 31. Nov. 5. 8. 14. 13.

Total No. of Visits *40*

The amount of Entry Fee.....£ *5* : : :
Special£ *95* : *7* : *6*
Travelling Expenses, if any £ : : :

Fees applied for,
14/11/1907
Received by me,
15/11/1907

Certificate to be sent to

Greenock

State whether the Vessel has been built under Special Survey *yes*

I am of opinion this Vessel should be Classed *+100 A (Steel) Spar Dh*

With, *without* Freeboard, as condition of Class *yes*

with keelboard

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

Committee's Minute

Character assigned *+100 A (Steel) Spar Dh with freeboard Lloyd's Arc P*

+LMC 1107.

Dec. light.

around