

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 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? *No*

Masts, Bowsprit, Yards, &c., are *of steel* in *good & efficient* 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. *Tolemasts:*

Foremast: Length 94 ft. dia 18 in. at partners. Mainmast: Length 92 ft. dia 18 in. at partners. Two plates in the round double chain riveted seams 4 1/2 in. lap. 3/4 rivets. 3 3/4 pitch from heel to lower haunts. single riveted above that. 2 1/2 in. lap. 3/8 in. rivets. 3 in. pitch. Treble riveted butts 1/6 before rich thicker than plate above deck. double riveted butts below deck.

NUMBER for EQUIPMENT	Fathoms.	Inches.	Test per Certificate.	Inches per Rule.	Machine where Tested & Suprntd.	ANCHORS.		Test per Certificate	Wght req'd per Rule.	Machine where Tested & suprntd.
						N ^o .	Weight. Ex. Stock.			
SAILS.										
CABLES, &c.										
Chain	270	1 9/16	43.9 Tons	1 7/16	(rig)	Bower Anchor	16191	23.5.14	23.15.2014	23.2.0
Fore Sails, (State Machine where Tested, Date, or No. of Certificate, Name of Superintendent.)	18604		R. W. C. 198		J. Hartnef	(State Machine where Tested, Date, or No. of Certificate, & Name of Superintendent.)	16192	23.0.14	23.4.1.14	23.2.0
Fore Top Sails, Iron Stream Chain or Steel Wire	75		L. P. J. 18 Tons	1	(rig)		16190	20.0.7	20.17.0.21	20.0.0
Fore Topmast Stay Sails, or Hempen Strm Cable	18552		L. P. J. 18 Tons		J. G. Lewis		16226	8.1.14	10.10.0.0	8.0.0
Main Sails, Towline, Hemp. or Steel Wire	90	3/4	Guaranteed to bear 22 Tons	10	Bullion & Co.	Stream Anchor	16188	3.3.0	6.3.0.14	4.0.0
Main Top Sails, Hawser	270	2 3/4	to bear 15 1/2 Tons	8	Manufacturers	Kedge	16189	2.1.14	4.17.2.0	2.0.0
and Warps	90. 150. 180. + 120	6. 5. 5. 4	hemp	6		2nd Kedge				
quality	good									

Standing and Running Rigging *Wire & rope* sufficient in size and *good* in quality. She has *two* Long Boat and *one* dinghey
 The Windlass is *Cammeron & Walden's* Capstan and Rudder *good* Pumps *6 in dia*

Engine Room Skylights.—How constructed? *Lead on iron coverings*—How secured in ordinary weather? *Bolted*

What arrangements for deadlights in bad weather? *Bullseyes*

Coal Bunker Openings.—How constructed? *Iron coverings*—How are lids secured? *Solid hatches* Height above deck? *18 in*

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *Three freeing ports forward and three aft, each 27" x 24"*

Cargo Hatchways.—How formed? *Iron coverings to lower edges of beams*

State size **Main Hatch** *19 ft 3 in x 10 ft 3 in* Forehatch *17 ft 4 in x 9 ft 3 in* Quarterhatch *✓*

If of extraordinary size, state how framed and secured? *Not of extraordinary size*

What arrangement for shifting beams? *One deep web plate, one wooden floor and after and two iron T sections.*

Hatches, If strong and efficient? *Yes; 2 1/2 in, solid.*

Order for Special Survey No.	Date	Order for Ordinary Survey No.	Date	No. in builder's yard.	State dates of letters respecting this case
177	13 th Nov. 1886			129	1886: November 9. 11. December 22. 24. 1887: June 17 th .

General Remarks (State quality of workmanship, &c.) *This is a one-decked vessel, built of steel as described above and in accordance with the approved plans and the Society's Rules. She is fitted with a poop 28 ft long, raised Quarter Deck 40 ft. Bridge 69 ft and Forecastle 66 ft. The poop, raised Quarter Deck and bridge are efficiently clanked. The Forecastle has an iron bulkhead 28 ft from stem and is open for 9 ft in front 66 ft from stem. Waterballast tanks are fitted in forepeak, fore hold, after hold and after peak, and have all been tested in accordance with the Rules with satisfactory result.*

The material used in this vessel's construction is invoiced as having been tested by the Society's Surveyors at the Steel Works.

The workmanship is good.

State if one, two, or three decked vessel, or if spar, or awning decked; and the lengths of poop, bridge, fore-castle, or raised quarter deck. (If double bottom, state particulars on separate form.)
 How are the surfaces preserved from oxidation? Inside *Paint and cement.* Outside *Paint.*

I am of opinion this Vessel should be Classed *+ 100 A1.*

The amount of the Entry Fee *£4* is received by me, *A. V. Keppell*
 Special *£57.2* 23/6 1887

(to be sent as per margin). Certificate ...
 (Travelling Expenses, if any, £ ...)
 Committee's Minute *FRIDAY 1 JULY 1887* 18

Character assigned *100 A1 Steel* as recommended
ADCP *200* *4/7/87*

Lloyd's Register of British and Foreign Shipping.
 From the further information now afforded it is submitted the vessel appears eligible to be classed 100A-1 Steel