



**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 *Iron Wood* 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 *Iron* Masts and Bowsprit *Bowsprit - 24' 0" dia - Dia: 32 lbs. Four angles 4x2x3/4 Plated 3/4" Doubled at Knighthead -*  
*Fore main & Mizzen lower masts 88' 9" x 32" Four plates in round 3/4" to 7/8" Four angles 4x2x3/4 - doubled at knighthead - main double - butts full*  
*Topmasts 56' 0" x 19" Two " 3/4" to 7/8" " " way of lower mast cap - single - full*  
*Lower yards 85' 0" x 21" Two " 7/8" to 1" doubled in way of slings - single - full*  
*Topmast yards 75' 0" x 16" upper Two plates in round 3/4" to 7/8" do do do*  
*17 lower jigger masts of Oregon Pine 26 1/2 dia.*

NUMBER for EQUIPMENT		Fathoms.	Inches.	Test per Certificate.	Inches per fath.	Machine where Tested & Suprntd.	ANCHORS.	No.	Weight. Ex. Stock.	Test per Certificate	Wght req'd per Rule.	Machine Tested &
SAILS.												
N <sup>o</sup> .	CABLES, &c.											
	Chain	135 1/2	2 7/8		270-2 7/8		Bower Anchors	13943	40-1-7	36-0-2-14	40-0-0	
Fore Sails,	(State Machine where Tested, Date, or No. of Certificate, & Name of Superintendent.)	no 9496			76-10-0							
	Iron Stream Chain	134 1/2	2 7/8					13951	39-2-27	35-11-3-14	40-0-0	
Fore Top Sails,	or Steel Wire	100	1 7/8	22-15-0-0				13952	34-2-27	32-3-3-0	34-0-0	
Fore Topmast Stay Sails,	or Hempen Strm	no 11173										
	Cable	90	4 1/2	Stub								
	Towline, Hemp.	90	3 1/2	"								
Main Sails,	or Steel Wire	90	9		90-11		Stream Anchor	14294	14-1-0	15-16-3-14	12-0-0	
Main Top Sails,	Hawser	90	7		90-7		Kedge	13940	6-2-16	9-0-0-0	6-0-0-0	
and	Warp						2nd Kedge	13941	3-0-20	5-14-1-14	3-0-0-0	
	quality	<i>good</i>										

Standing and Running Rigging *True & rope* sufficient in size and *good* in quality. She has *Two* Life Boats and *four* others.  
 The Windlass is *Patent (underdrum)* Capstan *good* and Rudder *good* Pumps *Two* Patent *6 1/2* in dia.

Engine Room Skylights. How constructed? *How secured in ordinary weather?*  
 What arrangements for deadlights in bad weather?  
 Coal Bunker Openings. How constructed? *How are lids secured?* Height above deck?  
**Scuppers, &c.**—What arrangements for clearing upper deck of water, in case of shipping a sea?  
*6 scuppers & 7 flap ports on each side*  
**Cargo Hatchways.**—How formed? *Plate & angle iron in the usual manner*  
 State size **Main Hatch** *20' x 12'* Forehatch *8' x 8'* Quarterhatch *12' 0" x 10' 0"*  
 If of extraordinary size, state how framed and secured? *With subdividing angle*  
 What arrangement for shifting beams? *Deep web plate - wood for & after*  
**Hatches,** If strong and efficient? *Yes*

Order for Special Survey No.	Date	Order for Ordinary Survey No.	Date	No.	DATES of Surveys held while building as per Section 18.	1st.	2nd.	3rd.	4th.	5th.					
413	22 <sup>nd</sup> Oct 1881			41		On the several parts of the frame, when in place, and before the plating was wrought	1881 Nov 12-18-24-30 Dec 7-21-27-31 - 1882 Jan 14-24-28 Feb 2-7-13-23 Mar 1-	On the plating during the process of riveting	1881 Nov 15-21-24-28 Dec 3-7-11-17-23-29 May 2-12-19-20-23-29 June 2-6-	When the beams were in and fastened, and before the decks were laid...	July 4-7-10-13-18-20-25-28 Aug 1-4-9-14-18-21-24 Sep 1-6-20-23-25-30 Oct 2-5-10-18-21-25	When the ship was complete, and before the plating was finally coated or cemented..	1882 Nov 2-10-14-18-22-25-29 Dec 2-11-14-21-30 - 1883 Jan 13-18-19-24-29 -	After the ship was launched and equipped.	See London Letter N <sup>o</sup> 21 <sup>st</sup> Dec 1881: 14 <sup>th</sup> Jan 1881: 15 <sup>th</sup> March 1881

**General Remarks** (State quality of workmanship, &c.) *This is a fine masted sailing ship built in accordance with approved plans & otherwise as per rules - Two plans are sent herewith -*  
*All the outside courses of shell plating are better suited as close at the bilge. Two inside courses - Since the plans were approved there have been added to by the doubling of the outside course of shell plating at the bilge & allowed by the making of the jigger masts of Oregon pine*  
*The vessel is fitted with a full poop 40 feet long & a forecabin 36 1/2 feet long. The front of the poop being of iron*

*The workmanship & material are quite satisfactory and the vessel is suitably & efficiently equipped*

State if one, two, or three decked vessel, or if open, or having deck, and the lengths of poop, bridge, fore-cabin, and quarter-deck. (If double bottom, state particulars on separate sheet.)  
*40ft 36 1/2 ft*

How are the surfaces preserved from oxidation? Inside *Paint & Cement* Outside *Paint*

I am of opinion this Vessel should be Classed *+ 100 A 1*  
 The amount of the Entry Fee ... £ 5 : 0 : 0 is received by me,  
*20 63 tons Special ... £ 46 : 11 : 6 8<sup>th</sup> Feb<sup>r</sup> 1883*  
 Certificate ...  
 (to be sent as per margin).  
 (Travelling Expenses, if any, £ )

Committee's Minute *Tuesday, 13th February 1883.*  
 Character assigned *100 A 1*  
*2 She 1 Iron*  
 It is submitted that *2 She 1 Iron* vessel appears eligible to be classed *100 A 1* as recommended by the Committee.  
 Surveyor to Lloyd's Register of British and Foreign Shipping.  
*Geo. J. Cooper*  
 Lloyd's Register of Shipping  
 Foundation

Reference should be made to any correspondence connected with the case.