

Re. S. D. 977  
East Survey 14<sup>th</sup> Nov

18 81

*If Surveyed while Building, Afloat, or in Dry Dock*

as cut on Beam } 750.0

~~Main Book title~~ . . . . .

ROBT. EDMD. TAYLOR & SON Commercial and General Steam Printers, 19, Old Street

\* If Iron Deck, state if whole or part, and if wood deck is laid thereon.

601097 000.7

**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? *fairly so*  
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*

Masts, Bowsprit, Yards, &c., are *new 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 Lower Masts and Bowsprit. *Foremast 60' 6" long: diam 24". Mainmast 62' long: diam 24".*  
*These are two-plate masts 6 1/2" & 5 1/2" thick with bands simple and lutes double riveted, the plating being doubled at the bands and patches, and the masts fitted with two interior diagonals 4" x 3" x 7/16". The material from the Glasgow Iron Works.*

NUMBER for EQUIPMENT		Fathoms.	Inches.	Test per Certificate.	Inches per Rule.	Machine where Tested & Suprntd.	ANCHORS.	N°.	Weight. Ex. Stock.	Test per Certificate	W'ght req'd per Rule.	Machine where Tested & Suprntd.
SAILS.							Bower <i>11868</i> 1 <i>26.0.0</i> <i>25.12.2.0</i> <i>25.2.0</i>					
CABLES, &c.							<i>11967</i> 1 <i>25.1.24</i> <i>25.3.3.0</i> <i>25.2.0</i>					
Chain		<i>6934</i>	<i>135 fms. 4 ft.</i>	<i>1 3/8"</i>	<i>47 1/2</i>	<i>270-15/10</i>	<i>11964</i> 1 <i>21.3.20</i> <i>22.7.2.0</i> <i>21.3.0</i>					
Fore Sails,		<i>10243</i>	<i>134" x 3"</i>	<i>1 3/8"</i>	<i>47 1/2</i>	<i>18</i>	<i>73.1.10</i> <i>72.3.0</i>					
Fore Top Sails,		<i>10246</i>	<i>75"</i>	<i>1"</i>	<i>754</i>	<i>1</i>	<i>11960</i> 1 <i>8.2.5</i> <i>10 3/4</i> <i>8.2.0</i>					
Fore Topmast Stay Sails,							<i>11970</i> 1 <i>4.1.18</i> <i>6.17.2.0</i> <i>4.1.0</i>					
Main Sails,							<i>2nd Kedge</i> <i>11971</i> 1 <i>2.1.10</i> <i>4.17.2.0</i> <i>2.1.0</i>					
Main Top Sails,												
Standing and Running Rigging												
The Windlass is												

*one fall and*  
The Windlass is *Harfield's patent* Capstan *rod* and Rudder *rod* Pumps *good and sufficient*  
Engine Room Skylights.—How constructed? *Look panned on house* How secured in ordinary weather? *bolted down*  
What arrangements for deadlights in bad weather? *Impervious*  
Coal Bunker Openings.—How constructed? *Cast iron frame* How are lids secured? *by studs* Height above deck? *flush*  
Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *three ports and scuppers*  
Cargo Hatchways.—How formed? *and mooring pipes on each side*  
State size Main Hatch *10' 0" x 11' 0"* Fore hatch *10' 0" x 11' 0"*  
If of extraordinary size, state how framed and secured? *Ordinary frame*  
What arrangement for shifting beams? *none required: fitted with wood frame & afters.*  
Hatches, if strong and efficient? *yes*

Order for Special Survey No. *1024*  
Date *15th April 1881*  
Order for Ordinary Survey No. *1024*  
Date *15th April 1881*  
No. *223* in builder's yard.  
1st. On the several parts of the frame, when in place, and before the plating was wrought  
2nd. On the plating during the process of riveting  
3rd. When the beams were in and fastened, and before the decks were laid....  
4th. When the ship was complete, and before the plating was finally coated or cemented..  
5th. After the ship was launched and equipped  
*Specially surveyed 1881:— June 21, 24; July 1, 5, 20, 25; Aug 4, 11, 15, 23, 25; Sept 2, 7, 15, 19, 23, 26; Oct 1, 5, 7, 10, 13, 19, 24, 27; Nov 7, 11, 14*

General Remarks (State quality of workmanship, &c.) *This is a two-decked vessel built in accordance with the plans attached and in other respects in accordance with the Rules. She has a topgallant forecabin 37' 6" long, and deck houses as per plan attached. The workmanship is good.*

State if one, two, or three decked vessel, or if spar, or awning decked; and the lengths of poop, bridge, forecabin, or raised quarter deck. (If double bottom, state particulars on separate form.)  
How are the surfaces preserved from oxidation? Inside *by cement and paint* Outside *paint & composite*  
I am of opinion this Vessel should be Classed *100 A.1.*  
The amount of the Entry Fee ... £ *5* : : : is received by me, *J. J. M.*  
Special ... £ *53* : *14* : : *257/11* 1881  
Certificate ... *gratis*  
(Travelling Expenses, if any, £ ... )  
Committee's Minute *Tuesday, November, 22nd, 1881.*  
Character assigned *100 A.1. Lloyd's Register*  
*2 Decks*