

No. 17334 Survey held at Liverpool Date March 8 to 24 Dec 1861  
on the Barque Lota Master Martin. W. Barber  
Tonnage Old 512 <sup>41</sup>/<sub>94</sub> Built at Liverpool When built 1861 Launched Nov 19, 1861  
By whom built Cato, Miller & Co Owners Polk & Brothers  
Part belonging to Liverpool Destined Voyage Calcutta  
If Surveyed while Building, Afloat, or in Dry Dock Constantly while building

Length aloft		Feet.	Inches.	Extreme Breadth Outside		Feet.	Inches.	Depth of Hold		Feet.	Inches.	
		139				28	1			17	11	
Scantlings of Timber.				Thickness of Plank.								
				IN SHIP.								
				Sided.		Moulded.		REQUIRED PER RULE.				
				Middle.	Ends.	Middle.	Ends.	Middle.	Ends.			
TIMBER AND SPACE				28 1/2				28 1/2				
Floors				12 1/2	14			12 1/2	12 1/2			
1 <sup>st</sup> Foothooks				10 3/4	11			10 1/2	10 1/2			
2 <sup>nd</sup> Ditto				9 3/4	10 1/2			9 1/2				
3 <sup>rd</sup> Ditto				8 3/4				8 1/2				
Top Timbers				8 3/4	5 1/2			6 1/2	5 1/2			
Deck } N <sup>o</sup> 31 Average Space } 3 feet 10"				9	9	7 1/4		8 1/2	8 1/2	7 1/4		
Deck Beams, length amidships				25 1/2	feet							
Hold } N <sup>o</sup> 20 Average Space } 6 feet				12 1/2	12 1/2	10 1/2		12	12	10		
Hold Beams, length amidships				26	feet							
Keel				14	16			13 1/2	13 1/2			
Scarphs of Ditto				8	feet			5	feet	9	in	
Keelsons				15 1/2	19			14 1/2	14 1/2			
Scarphs of Ditto				8 1/2	feet			6	feet	9	in	
Outside.				INCHES.								
				In Ship.	Required per Rule.		Inside.					
Garboard Strakes				4	3 3/4		Limber Strakes				4	4
Garboard to Bilge				4	3 3/4		Bilge Planks				4 1/2	4
Bilge Planks				4	3 3/4		Ceiling in Flat				3	2 1/2
Bilge to Wales				4	3 3/4		Ditto Bilge to Clamp				3	3
Wales				5	5		Hold Beam Clamps				4 1/2	4 1/2
Topsides				4	4		Deck Beam Ditto				4	4
Sheer Strakes				4	4		Ceiling 'twixt Decks				2 1/2 - 3 1/2	2 1/2
Plank Sheers				4	3 3/4		Hold Beam Shelves				14 1/2	
Water-Upper Deck				10 1/2	6		Deck Beam Ditto					
Ways-Lower Deck												
Ditto, faying surface against Timbers				6 1/2	6							
Upper Deck				3 1/2	3							



Her Masts, Yards, &c. are in Good condition, and sufficient in size and length.

She has SAILS.			CABLES, &c.		ANCHORS, and their weights.		
N <sup>o</sup> .		<i>best furnished</i>	Fathoms.	Inches.		N <sup>o</sup> .	Weight.
2	Fore Sails,	Chain <i>Admiralty</i>	340	17 1/2	Bower, .....	3	20-2-4
2	Fore Top Sails,	Hempen Stream Cable .....	75	7 1/2			18-3-0
2	Fore Topmast Stay Sails,	Hawser .....	90	7	Stream, .....	1	7-3-20
1	Main Sails,	Towlines .....	-	-			
2	Main Top Sails,	Warp .....	90	5	Kedge, &c. ....	2	3-3-0
and <i>well found in other</i>		All of <i>Good</i> quality.					1-2-0

Her Standing and Running Rigging Wire sufficient in size and Good in quality.

She has one Long Boat and two others

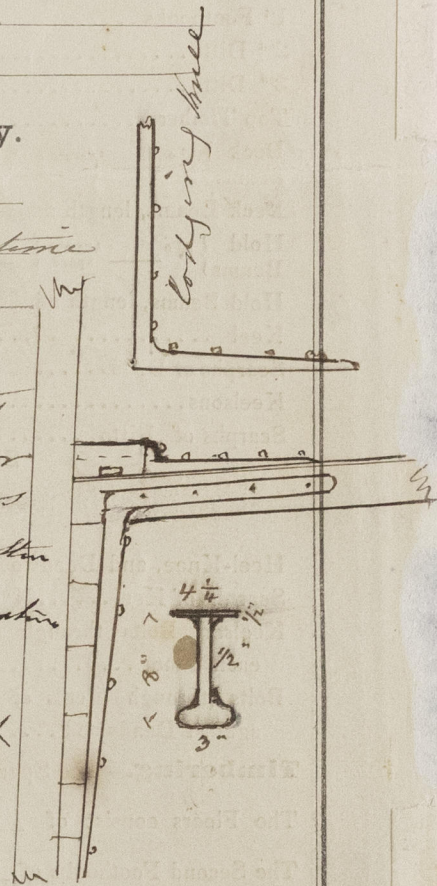
The present state of the Windlass is Good Capstan Good Rudder Good Pumps Good

### General Remarks and Statement and Date of Repairs, if any.

DATES of Surveys held while building, as per Section 35.

1st.	When the Frame is completed	
2nd.	When the Beams are put in, &c.	<i>Survey during the whole time</i>
3rd.	{ When completed, and before the plank be painted or payed }	<i>of building</i>

*There are outside (on the frame) 11 pairs of Iron Plates 4 1/2 x 1/2, extending from the lower binding down to the floor heads. She has also 12 of the hold beams, of Iron, as shown by sketch. Pieces have been cut out of the bottom planks, in accordance with the Rules, for the examination of the caulking, which was found to be Good. The materials, workmanship, and outfit are of the best description.*



Present condition of Caulking of Bottom, Good Deck, Good and Waterways Good

If Sheathed, Doubled, Felted, or Coppered yellow metal on felt When last done present time

I am of opinion this Vessel should be Classed 13 A 1

The Amount of the Fee.....£ 5 : : is received by me,

Special .....£ 23 : 12 : -

Certificate .....£ Grates

Committee's Minute 27th Dec<sup>r</sup> 1861

Character assigned A 1 for 13 Good

*Just Iron Beams*



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*Total 14334*