

No. 18404 Survey held at Liverpool Date 24 Nov 63 to 5 Jan 64 1870
on the brigantine "Ravenna" Master John Johnson
Tonnage Old New 301 27 318 3/8 View Letter 14/6/64 Built at Cleveland, U.S. When built 1861 Launched April 1861
By whom built Juryl & Co Owners Cunningham & Co
Port belonging to Liverpool Destined Voyage Baltimore
If Surveyed while Building, Afloat, or in Dry Dock in Dry Dock & afloat

Length aloft		138		4/10		Feet.		26		Inches.		Feet.		Inches.	
		138		4/10								11		5	
														10	
Scantlings of Timber.															
TIMBER AND SPACE		21 1/2		-		24 1/2		-							
Floors		5 1/2		12		-		10 1/4		10 1/2		-		-	
1st Foothooks		5 1/2		11		-		8 3/4		8 3/4		-		-	
2nd Ditto		5		8		-		-		-		-		-	
3rd Ditto		-		-		-		-		-		-		-	
Top Timbers		5		7 1/2		6		7 1/2		5 1/2		-		-	
Deck } No 30		3		4		4		4		4		-		-	
Beams } Average Space		24		feet		5		-		-		-		-	
Deck Beams, length amidships		-		-		-		-		-		-		-	
Hold } No		-		-		-		-		-		-		-	
Beams } Average Space		-		-		-		-		-		-		-	
Hold Beams, length amidships		12		12		-		11 3/4		11 3/4		-		-	
Keel		5		feet		8		-		5		feet		2	
Scarphs of Ditto		14		13		-		13 1/4		13 1/2		-		-	
Keelsons		12		10 1/2		-		-		-		-		-	
Scarphs of Ditto		-		-		-		-		-		-		-	

Depth of Hold		11		5	
Thickness of Plank.					

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

She has SAILS.			CABLES, &c.		ANCHORS, and their weights.		
N ^o .				Fathoms.	Inches.	N ^o .	Weight.
2	Fore Sails,	Chain	210	1 ³ / ₁₆	Bower,	3	15-3-26
1	Fore Top Sails,	Hempen Stream Cable	90	7 ¹ / ₂			15-2-1
2	Fore Topmast Stay Sails,	Hawser	90	5 ¹ / ₂	Stream,	1	8-3-14
1	Main Sails,	Towlines	-	-			
2	Main Top Sails,	Warp	90	4 ¹ / ₂	Kedge,	1	1-2-2
and <u>will found in other Sails</u>			All of <u>Good</u> quality.				

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

She has one Long Boat and an other

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. _____

3rd. { When completed, and before the }
 { plank be painted or payed } _____

This Vessel has been opened by listings being cut out for the repair of the timbers of the frame, in accordance with the Rules. She is nearly a sister vessel to the "Ottawa", is built in frames fitted together, and the space between them is from 10¹/₂ to 11¹/₂ inches, has a tank in midships 26 feet long for a sliding keel, extending from the bottom to the deck, formed of 6¹/₂ inch plank, at each side with a space of 7¹/₂ inches between, well bolted edgewise and at the ends, also well secured by half beams. She has 3 beams in the hold before the fore mast, rather low down, well secured, and one aft with long pointers. Nearly all the planking is edge fastened. The outside planking is fastened with iron through bolts, and a great number of additional bolts have been put in, from the keel to gunwale. She has been put into a most efficient state, as regards Hull, spars and outfit, and is a strong Good Vessel, has been thoroughly caulked, and the stores now onboard are 210 fathoms of 1³/₁₆ inch chain proved to 25 tons 10 cwt, makers test, an anchor 15-3-26, do 15-2-1, and one do 15-11-21, each proved up to 15 tons 10 cwt makers test.

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

If Sheathed, Doubled, Felted, or Coppered Single bottom When last done _____

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

The Amount of the Fee.....£ 4: " : " is received by me,

Special£ 8: 8: " 1/6/64

Certificate£ " : 0: "

Committee's Minute Spoc 10th June 1864

Character assigned Y A 1 from 1864

Sliding Keel



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