

No. 6911 Survey held at Sunderland Date 15<sup>th</sup> May 1860 Recd 18/5/60  
on the RK "Heklima" Master J. S. Ryder  
Tonnage Old 497 Built at Sunderland When built 1859 Launched May 1860  
By whom built R. Thompson Junr Owners H. A. Moore & Co  
Port belonging to Sunderland Destined Voyage  
If Surveyed while Building, Afloat, or in Dry Dock While Building

Length aloft .....		Feet.	Inches.	Extreme Breadth Outside .....		Feet.	Inches.	Depth of Hold .....		Feet.	Inches.
134		0		20		4		10		6	
Scantlings of Timber.											
TIMBER AND SPACE .....		Sided,		IN SHIP.		REQUIRED PER RULE.		Sided,		Moulded.	
		Middle.		Ends.		Middle.		Ends.			
Floors .....		20 1/2	12 1/4	✓	✓	12 1/4	12 1/4	✓	✓		
1st Foothooks .....		10 1/2	10 1/2	✓	✓	10 1/2	10 1/2	✓	✓		
2nd Ditto .....		9 1/2	9 3/4	✓	✓	9 1/2	9 1/2	✓	✓		
3rd Ditto .....		9	8 1/2	✓	✓	8 1/2	8 1/2	✓	✓		
Top Timbers .....		8 1/2	8 1/2	✓	✓	8 1/2	8 1/2	✓	✓		
Deck } No 24 Average } 4/0		9	9	7 1/4	✓	8 3/4	8 3/4	7 1/4	✓		
Beams }											
Deck Beams, length amidships .....		26	2	✓	✓	✓	✓	✓	✓		
Hold } No 21 Average } 4/6		12 1/2	12 1/2	10 1/2	✓	12	12	10	✓		
Beams }											
Hold Beams, length amidships .....		26	3	✓	✓	✓	✓	✓	✓		
Keel .....		14	16	✓	✓	13 1/2	15 1/2	✓	✓		
Scarphs of Ditto .....		5/9	✓	✓	✓	5/9	✓	✓	✓		
Keelsons .....		14 1/2	14 1/2	✓	✓	14 1/2	14 1/2	✓	✓		
Scarphs of Ditto .....		6/9	✓	✓	✓	6/9	✓	✓	✓		
Rider Keelson											
Size of Bolts in Fastenings, distinguishing whether Copper or Iron; also of Treenails.											
Heel-Knee, and Deadwood abaft		1 1/4	1 1/4	Transoms and throats of Hooks ..		1 1/8	1 1/8	Hold Beam Bolts in		Waterway ..	
Scarphs of Keel .....		15	15	Arms of Hooks .....		15/16	15/16	Knees .....		13 1/2	
Keelson Bolts through Keel at		1 1/10	1 1/10	Bolts thro' Bilge & Limber Strakes,		13/16	13/16	Shelf or Clamp		15/16	
each Floor .....		✓	✓	or Thickstuff over Double Floors		✓	✓	Waterway ..		1 1/10	
Bolts through Heels of Timbers		15/16	15/16	Butt End Bolts .....		3/4	3/4	Knees .....		15/16	
against Deadwood .....		✓	✓	Pintles of the Rudder .....		3	3	Shelf or Clamp		1 1/10	
								Nails or Bolts in Flat of Deck .....		6 1/2	
								Treenails .....		1 1/4	



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> .				Fathoms. Inches.		N <sup>o</sup> .	Weight.
2	Fore Sails,		Chain ....	120 1 1/6	Bower, .....	1	24.0.0
2	Fore Top Sails,		Hempen Stream Cable .....	15 6 1/2		1	22.5.14
2	Fore Topmast Stay Sails,		Hawser .....	65 13/16	Stream, .....	1	19.5.7
2	Main Sails,		Towlines .....	75 0 1/2			
2	Main Top Sails,		Warp .....	75 5	Kedge, .....	1	2.2.14
and <u>others as usual</u>			All of <u>good</u> quality.				

Her Standing and Running Rigging Wire & Hempen sufficient in size and good in quality.

She has one Long Boat and two others

The present state of the Windlass is efficient Capstan 2 W Rudder and Pumps efficient

### 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	<u>13<sup>th</sup> September 1859</u>
	2nd. When the Beams are put in, &c.	<u>31<sup>st</sup> October - " -</u>
	3rd. { When completed, and before the plank be painted or payed }	<u>17<sup>th</sup> February 1860</u>

*The exterior of this vessel is fastened with yellow metal to the entire exclusion of iron including the bolts in the heels of the Cant Timbers and the nails in flat of upper deck*

*Robert Morrison Smith*

Present condition of Caulking of Bottom, where tried pieces cut out for Ex<sup>n</sup> Deck, good and Waterways good

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

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

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

Order No. 874 Special .....£ 23: 15: -

Certificate .....£ " : " : "

Committee's Minute 18<sup>th</sup> May 1860

Character assigned 1 for 13 Years



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