

No. 4015 Survey held at Sunderland Date 10<sup>th</sup> October 1849  
 on the Barque Master \_\_\_\_\_  
 Tonnage 441 3/4 Built at Sunderland When built 1849  
 By whom built Mr Ralph Hutchinson Owners Mr John Hay  
 Port belonging to \_\_\_\_\_ Destined Voyage \_\_\_\_\_  
 If Surveyed Afloat or in Dry Dock in the Building

Length aloft	115	Extreme Breadth	20 9	Depth of Hold	10 9
<b>Scantlings of Timber.</b>			<b>Thickness of Plank.</b>		
Room and Space	14	Inches Middle	12 1/2	Outside	Inches
Floors	sided 10 1/2	Inches Ends	10 1/2	Keel to Bilge	3
1 <sup>st</sup> Foothooks	10 1/2	Moulded	10 1/2	Bilge Planks	4
2 <sup>nd</sup> Ditto	9 1/2		9 1/2	Bilge to Wales	3 3/4
3 <sup>rd</sup> Ditto	8 1/2		8 1/2	Wales	5 1/2
Top Timbers	8 1/2		5	Topsides	3
Deck Beams N <sup>o</sup> 22	Average Space 4-0		8 3/4	Sheer Strakes	3 3/4
Hold Beams N <sup>o</sup> 10	Average Space 4-6		12 1/2	Plank Sheers	4
Keel	12 1/2		10	Water-Ways	5
Kelsons	13 1/2		2 1/2	Upper Deck	3
				Limber Strakes	3 1/2
				Bilge Planks	5
				Ceiling in Flat	2 3/4
				Ditto Bilge to Clamp	2 3/4
				Hold Beam Clamps	5
				Deck Beam Ditto	3 3/4
				Ceiling 'twixt Decks	2 1/2
				Hold Beam <del>Shelf</del> <i>Spikettin</i>	5
				Deck Beam Ditto	

<b>Copper or Iron.</b>		<b>Size of Bolts in Fastenings, distinguishing whether</b>		<b>Iron.</b>	
Heel-Knee, and Dead Wood abaft	1 1/4	Bolts thro' the Bilge and Limber Strakes	1 3/8	Hold Beam	1 5/8
Scarphs of Keel N <sup>o</sup> 0	1 5/8	Butt End Bolts	3/4	Deck Beam	1 1/2
Floor Timber Bolts	1 1/8	Lower Pintle of the Rudder	3 3/8		
Kelson ditto	1 1/8				
Transoms and throats of Hooks	1 5/8				
Arms of Hooks	1 5/8				

*All the bolts are of Metal*

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 2 1/2 Inches. The Space between the Top-timbers is 5 Inches. The Stem, Stern Post, are composed of Eng<sup>l</sup> Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, of English Oak and are free from all defects. The Floors and first Foothooks are composed of English Oak Timber. The other Foothooks and Top Timbers of English Oak. The Shifts of the first and second Foothooks are not less than 1/4 of the breadth N. B. When less than prescribed by the Rule, state how many. The rest of the Shifts of the Frame are sufficient. The Frame is well squared from the first Foothook Heads upwards, and well free from sap, and from thence downwards, the frame is well squared. The ~~Frame~~ Frames are all bolted together. The Butts of the Timbers are all close together; their thickness not less than 1/3 of the entire moulding at that place. The Frame is eng<sup>l</sup> chocked with a Butt at each end of the chock. The Main Kelson is composed of Mahogany and the False Kelson of Amer<sup>l</sup> Oak. The Scarphs of the Kelsons are not less than 7 feet inches. The Deck and Hold Beams are composed of Mahogany & English Oak.

**Planking Outside.**—From the Keel to the first Foothook Heads the Plank is composed of American Elm. From the first Foothook Heads to the Light Water Mark of Foreign White Oak. From the Light Water Mark to the Wales of Mahogany & English Oak. The Wales and Black-strakes are of East India Teak & English Oak. The Topsides of East India Teak & English Oak. The Sheer-strakes and Plank-sheers of East India Teak & English Oak. The Water-ways of Mahogany. The Decks of Yellow Pine. State of Good. The Shifts of the Planking are not less than 5 Feet inches. N. B. If less than prescribed by the Rule, state whether general or partial, and if partial, in what part of the Ship. The Planking is wrought Three between.

**Planking Inside.**—The Limber-strakes are composed of Mahog<sup>l</sup> & South Amer<sup>l</sup> hard wood. The Bilge Planks of Eng<sup>l</sup> Oak & Mahog<sup>l</sup>. The Ceiling, Lower Hold, of Eng<sup>l</sup> Oak, Mahog<sup>l</sup> & i<sup>l</sup>-Am<sup>l</sup> wood. Between Decks of Mahog<sup>l</sup> & Eng<sup>l</sup> Oak. Shelf Pieces of \_\_\_\_\_ Clamps of East India Teak, Mahog<sup>l</sup> & English Oak.

**Fastenings.**—To Hold Beams Iron staple knees between, 0 pair of hanging knees below and 0 pair of staple standard knees from the upper beams. Deck Beams Iron staple knees between and 12 pair of standard and hanging knees below. Number of Breasthooks 4 of Wood & Iron Pointers one pair Am Crutches 2 pair of Transom knees. Butts End Bolts are of Yellow Metal in the Bottom, and one Bolt in each Butt End through and clenched. Bilge and Limber Strakes are bolted through and clenched. Treenails of English Oak. General Quality of Workmanship Good.

We certify that the preceding is a correct description of the above-named Vessel,  
 Builder's Signature \_\_\_\_\_ Surveyor's Signature Thomas Lawrence  
 Lloyd's Register Foundation  
 C. F. SEYFANG, PRINTER, FARRINGTON STREET, LONDON. 516930-0075

Except 5 butts in each side at the ends of the ship which are 2 between, with 1 in the fore & 2 between aft

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> .	
2	Fore Sails,	240	Chain .....	1 3/4	3	Bower, 21-0-0 x 20-2-0 x 20-0-0
2	Fore Top Sails,	40	Hempen Stream Cable .....	0	1	Stream, 5-2-0
2	Fore Topmast Stay Sails,	60	Hawser .....	1 1/4	1	Kedge, 2-0-0
1	Main Sails,	75	Towlines .....	6		
1	Main Top Sails,	75	Warp .....	5		
and <u>stays as usual</u>			All of <u>good</u> quality.			

Her Standing and Running Rigging is of hemp sufficient in size and good in quality.

She has one Long Boat and two others

The present state of the Windlass is secure ~~Capstan~~ Winch Rudder and Pumps secure & sufficient

**General Remarks—Statement and Date of Repairs.**

*This Brig has been specially surveyed in the Building...  
The whole of the through bolts also the nails of the upper Decks  
are of mixed metal to the entire exclusion of Iron,*

If sheathed, doubled, Felted, or Coppered \_\_\_\_\_ When last done \_\_\_\_\_

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

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

Special .....£ 22 : " : "

Certificate (if required) .....£ : 10 : "

*Thomas Lawrence*

Committee's Minute 16th Oct 1849

Character assigned 13 A 1



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