

No. 4734 Survey held at Sunderland Date 27<sup>th</sup> April 1852  
on the Sw "Satellite" Master Ant<sup>o</sup> Swann  
Tonnage Old Built at Sunderland When built 1852  
By whom built Thos<sup>o</sup> Batcliffe & Son Owners J<sup>o</sup> L. Townsall  
Port belonging to Stockton Destined Voyage Hamburg  
If Surveyed while Building, Afloat, or in Dry Dock in Building

Length aloft	Feet. <u>92</u> Inches. <u>6</u>	Extreme Breadth	Feet. <u>24</u> Inches. <u>6</u>	Depth of Hold	Feet. <u>15</u> Inches. <u>-</u>
<b>Scantlings of Timber.</b>					
Room and Space	Inches. <u>23<sup>1</sup>/<sub>2</sub></u>	Moulded	Inches. <u>10<sup>1</sup>/<sub>2</sub></u> Middle <u>0<sup>1</sup>/<sub>2</sub></u> Ends <u>-</u>	<b>Thickness of Plank.</b>	
Floors	sided <u>10<sup>1</sup>/<sub>2</sub></u>			<b>Outside.</b>	<b>Inside.</b>
1 <sup>st</sup> Foothooks	" <u>0<sup>1</sup>/<sub>2</sub></u>			Keel to Bilge	Limber Strakes
2 <sup>nd</sup> Ditto	" <u>7<sup>3</sup>/<sub>4</sub></u>			Bilge Planks	Bilge Planks
3 <sup>rd</sup> Ditto	" <u>4<sup>1</sup>/<sub>2</sub></u>			Bilge to Wales	Ceiling in Flat
Top Timbers	" <u>7</u>			Wales	Ditto Bilge to Clamp
Deck Beams N <sup>o</sup> <u>20</u>	Average Space <u>4 feet</u>			Short Hoods	Hold Beam Clamps
Hold Beams N <sup>o</sup> <u>12</u>	Average Space <u>6 "</u>			Topsides	Deck Beam Ditto
Keel	" <u>10<sup>1</sup>/<sub>2</sub></u>			Sheer Strakes	Ceiling 'twixt Decks
Keelsons	" <u>10</u>			Plank Sheers	Hold Beam <u>Shells</u>
Scarphs of Ditto	" <u>12</u>			Water-Ways	Deck Beam Ditto
	<u>5 feet</u>			Upper Deck	

<b>Size of Bolts in Fastenings, distinguishing whether Copper or Iron.</b>									
Heel-Knee, and Deadwood abaft	Copper <u>1<sup>1</sup>/<sub>16</sub></u> Inches.	Iron <u>-</u>	Transoms and throats of Hooks	Copper <u>1<sup>1</sup>/<sub>16</sub></u> Inches.	Iron <u>-</u>	Lower Pintle of the Rudder	Copper <u>2<sup>3</sup>/<sub>4</sub></u> Inches.	Iron <u>-</u>	
Scarphs of Keel.....N <sup>o</sup> <u>0</u>	<u>1<sup>3</sup>/<sub>16</sub></u>	<u>-</u>	Arms of Hooks	<u>1<sup>3</sup>/<sub>16</sub></u>	<u>-</u>	Hold Beam	<u>-</u>	<u>1<sup>5</sup>/<sub>16</sub></u>	
Floor Timber Bolts	<u>1<sup>5</sup>/<sub>16</sub></u>	<u>-</u>	Bolts thro' Bilge & Limber Strakes	<u>1<sup>5</sup>/<sub>16</sub></u>	<u>-</u>	Deck Beam	<u>-</u>	<u>1<sup>5</sup>/<sub>16</sub></u>	
Kelson ditto	<u>1<sup>5</sup>/<sub>16</sub></u>	<u>-</u>	Butt End Bolts	<u>1<sup>5</sup>/<sub>16</sub></u>	<u>-</u>				

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 2 Inches. The Space between the Top-timbers is 4 Inches. The Stem, Stern Post, consist of Eng<sup>o</sup> oak and are off<sup>o</sup> free from all defects. The Floors consist of Eng<sup>o</sup> oak The First Foothooks of Eng<sup>o</sup> oak Timber. The Second Foothooks of Eng<sup>o</sup> oak The Third Foothooks of Eng<sup>o</sup> oak The Top Timbers of Eng<sup>o</sup> oak The Shifts of the first and second Foothooks are not less than 1<sup>1</sup>/<sub>4</sub> of 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 fairly squared from the first Foothook Heads upwards, and fairly free from sap, and from thence downwards, the frame is fairly squared The alternate Frames are all bolted together to the Gunwale. N. B. If not, state how bolted. The Butts of the Timbers are all close together; their thickness not less than 1<sup>1</sup>/<sub>4</sub> of of the entire moulding at that place. The Frame is scup<sup>o</sup> & choaked with no Butt at each end of the chock. The Main Keelson is Amer<sup>o</sup> oak and free from all defects. The False Keelson is Amer<sup>o</sup> oak The Deck Beams consist of Stettin oak The Hold Beams of Stettin oak The Knees of Iron

**Planking Outside.**—From the Keel to the Height defined in Note to Table 2, the Plank is Amer<sup>o</sup> Elm From the above named Height to the Light Water Mark Amer<sup>o</sup> elm & Stettin oak From the Light Water Mark to the Wales Stettin oak The Wales and Black-strakes are Stettin oak The Topsides Stettin oak The Sheer-strakes Stettin oak and Plank-sheers Stettin oak The Water-ways Red Pine The Decks 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 Amer<sup>o</sup> oak the Bilge Planks Amer<sup>o</sup> oak The Ceiling, Lower Hold, Stettin oak Between Decks Stettin oak Shelf Pieces - Clamps Stettin oak

**Fastenings.**—To Hold Beams Iron fore and aft knees, four pair of iron staples standard above and six pair of iron hanging knees below Deck Beams Iron fore and aft knees, and eleven pair of iron standard and hanging knees Number of Breasthooks Five Pointers Five pair Crutches One Butts End Bolts are of 6 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 How Made Turned General Quality of Workmanship Fair

We certify that the preceding is a correct description of the above-named Vessel,  
Builder's Signature \_\_\_\_\_ Surveyor's Signature Thomas Lawrence  
SEYFANG AND CO., PRINTERS, FARRINGTON STREET, LONDON.

520931-0136



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 .....	100 1 1/2 1/8	3	11-2-21
2	Fore Top Sails,	Hempen Stream Cable .....	75 7 1/4		11-2-0
2	Fore Topmast Stay Sails,	Hawser .....	60 3/4	1	11-0-15
1	Main Sails,	Towlines .....	75 4 1/2		3-3-0
1	Main Top Sails,	Warp .....	75 3 1/4	1	1-3-0
and <u>others as usual</u>		All of <u>good</u> quality.			

Her Standing and Running Rigging and sufficient in size and good in quality.

She has a Long Boat and two others

The present state of the Windlass is secure Capstan bricks Rudder and Pumps sufficient

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

If Sheathed, Doubled, Felted, or Coppered \_\_\_\_\_ When last done \_\_\_\_\_

I am of opinion this Vessel should be Classed P & F 1

The Amount of the Fee.....£ 3 : " : " is received by me,

Order No. 19 Special .....£ 19 : 5 : "

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

Committee's Minute 30<sup>th</sup> April 1852

Character assigned A 1 m S Gray

*Thomas Lawrence*



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Foundation