

No. 5250 Survey held at Sunderland Date 13 April Rec 17/4/1854 5250
 on the Esmeral Master _____
 Tonnage Old _____ Built at Sunderland When built 1854 Launched 1 April
 By whom built W. Chilton Owners Bennett & Co
 Port belonging to London Destined Voyage London
 If Surveyed while Building, Afloat, or in Dry Dock During building

Length aloft	Feet. <u>123</u> Inches.	Extreme Breadth	Feet. <u>27</u> Inches. <u>6</u>	Depth of Hold	Feet. <u>18</u> Inches.
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Room and Space	Scantlings of Timber.			Thickness of Plank.	
	Inches.	Inches. Middle	Inches. Ends	Outside.	Inside.
Floors	<u>12 1/2 sided</u>	<u>13</u>	<u>Moulded 13</u>	Keel to Bilge <u>4</u>	Limber Strakes <u>4 1/4</u>
1st Foothooks	<u>10 1/2</u>	<u>10 1/2</u>	<u>10 1/2</u>	Bilge Planks <u>5</u>	Bilge Planks <u>4 1/2</u>
2nd Ditto	<u>10</u>	<u>8 1/2</u>	<u>8 1/2</u>	Bilge to Wales <u>4</u>	Ceiling in Flat <u>3</u>
3rd Ditto	<u>9 1/2</u>	<u>7 1/2</u>	<u>6</u>	Wales <u>5</u>	Ditto Bilge to Clamp <u>3</u>
Top Timbers	<u>8 1/2</u>	<u>7 1/2</u>	<u>6</u>	Short Hoods <u>4</u>	Hold Beam Clamps <u>5</u>
Deck Beams N° <u>23</u>	Average Space } <u>4 ft 9</u>	<u>8 3/4</u>	<u>8 3/4</u>	Topsides <u>4</u>	Deck Beam Ditto <u>4</u>
Hold Beams N° <u>18</u>	Average Space } <u>4 ft 6</u>	<u>13 1/2</u>	<u>13 1/2</u>	Sheer Strakes <u>4</u>	Ceiling 'twixt Decks <u>2 1/2</u>
Keel	<u>14</u>	<u>14</u>	<u>14</u>	Plank Sheers <u>4</u>	Hold Beam Shelves <u>1</u>
Keelsons	<u>15</u>	<u>15</u>	<u>15</u>	Water-Ways <u>5</u>	Deck Beam Ditto <u>1</u>
Scarphs of Ditto	<u>7 feet</u>			Upper Deck <u>3</u>	

Size of Bolts in Fastenings, distinguishing whether Copper or Iron.

	Copper Inches.	Iron Inches.		Copper Inches.	Iron Inches.		Copper Inches.	Iron Inches.
Heel-Knee, and Deadwood abaft	<u>1 1/4</u>	-	Transoms and throats of Hooks	<u>1 1/16</u>	<u>1 1/8</u>	Lower Pintle of the Rudder	<u>3</u>	-
Scarphs of Keel N° <u>8</u>	<u>1 5/16</u>	-	Arms of Hooks	<u>1 5/16</u>	<u>1 5/16</u>	Hold Beam	-	<u>1 1/16</u>
Floor Timber Bolts	-	-	Bolts thro' Bilge & Limber Strakes	<u>1 3/16</u>	-	Deck Beam	-	<u>7/8</u>
Kelson ditto	<u>1 1/8</u>	-	Butt End Bolts	<u>3/4</u>	-			

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 1/2 Inches. The Stem, Stern Post, consist of English oak the Transoms, Aprons, Knight Heads, Hawse Timbers, and Deadwood, of English oak and are free from all defects. The Floors consist of Stettin & English oak The First Foothooks of Stettin & English oak Timber. The Second Foothooks of English oak The Third Foothooks of English oak The Top Timbers of English oak The Shifts of the first and second Foothooks are not less than 1/4 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 tolerably free from sap, and from thence downwards, the frame is fairly squared & good The alternate Frames are _____ 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 1/4 of the entire moulding at that place. The Frame is all chocked with No Butt at each end of the chock. The Main Keelson is Greenheart & Oak and free from all defects. The False Keelson is _____ 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 American Elm From the above named Height to the Light Water Mark elm & Stettin oak From the Light Water Mark to the Wales Danzie oak The Wales and Black-strakes are Danzie oak The Topsides Danzie oak The Sheer-strakes Danzie oak and Plank-sheers Danzie oak The Water-ways Danzie oak 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 strakes between _____

Planking Inside.—The Limber-strakes are Stettin oak the Bilge Planks Danzie & Stettin oak The Ceiling, Lower Hold, Danzie & Stettin oak Between Decks Danzie oak Shelf Pieces _____ Clamps Danzie oak

Fastenings.—To Hold Beams Horizontal Maple Knees & 6 Pair of Vertical Rider knees Deck Beams Horizontal Maple Knees & 18 Pair of Vertical Maple Sandwood knees Number of Breasthooks five Pointers two Crutches one Butts End Bolts are of Yellow Metal in the Bottom, and 6 Bolt in each Butt End through and clenched. Bilge and Limber Strakes are bolted through and clenched. Treenails of English oak How Made curved 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 Robt Fowler
 SEYFANG AND CO., PRINTERS, FARRINGDON STREET, LONDON. Lloyd's Register Foundation SLD932-0018

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.	
<i>A single</i>	Fore Sails,	Chain	740	1 3/8	Bower,	3 20. 14
<i>Suit of</i>	Fore Top Sails,	Hempen Stream Cable	80	8 1/2	Stream,	1 18. 2
<i>Sails</i>	Fore Topmast Stay Sails,	Hawser ... <i>chain</i>	60	7 1/8	Kedge,	1 5. 2
	Main Sails,	Towlines	80	6		
	Main Top Sails,	Warp	8	5		
and		All of <u>good</u> quality.				

Her Standing and Running Rigging new hemp & line sufficient in size and apparently good in quality.

She has 1 Long Boat and Yawl & Quarter boat

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

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 S.A.1 Robt Fowler

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

Appl

Special£ " : " : "

Certificate (if required)£ " : 5 : "

Committee's Minute 18th April 1854

Character assigned A 1 for S

Handwritten signatures and notes, including a large signature at the bottom.

