

No. 5043 Survey held at Sunderland Date July 5<sup>th</sup> Recd 17/10/56 1856  
 on the Ship "Baby Castle" Master Wm Scott  
 Tonnage Old \_\_\_\_\_ Built at Sunderland When built 1856 Launched June  
 New 691 <sup>90</sup>/<sub>100</sub> By whom built G. Short Owners A. Greenwell  
 Port belonging to London Destined Voyage Ceylon  
 Surveyed while Building, Afloat, or in Dry Dock during Building

Length aloft		Feet.	Inches.	Extreme Breadth Outside		Feet.	Inches.	Depth of Hold		Feet.	Inches.
		157	4			31	6			20	4
Scantlings of Timber.											
TIMBER AND SPACE											
Floors	sided	14	Moulded	14	12	Outside.		Thickness of Plank.			
1 <sup>st</sup> Foothooks	"	12	"	12	"	Garboard Strakes	4	Limber Strakes		2 Strakes	5
2 <sup>nd</sup> Ditto	"	11	"	10 1/2	"	Garboard to Bilge	4	Bilge Planks		5 Strakes	5
3 <sup>rd</sup> Ditto	"	10	"	10	"	Bilge Planks	4 1/4	Ceiling in Flat			3 1/4
Top Timbers	"	9 1/2	"	6 1/2	"	Bilge to Wales	4	Ditto Bilge to Clamp			3 1/4
Deck Beams N <sup>o</sup> 24	Average space } 4 1/2	10	"	10	7 3/4	Wales	5 1/4	Hold Beam Clamps		5 Strakes	5
Deck Beams, length amidships	"	29 ft 6	"			Topsides	4 1/4	Deck Beam Ditto		2 do.	4 1/4
Hold Beams N <sup>o</sup> 24	Average space } 4 1/2	13	"	13	11	Sheer Strakes	4 1/4	Ceiling 'twixt Decks			2 3/4
Hold Beams, length amidships	"	29 ft 6	"			Plank Sheers	4	Hold Beam Shelves			6
Keel	"	14 1/2	"	16		Water-Ways	Upper Deck 10 1/2	Deck Beam Ditto			"
Scarphs of Ditto	"	6 5/8	"			Lower Deck					
Keelsons	"	16	"	24		Upper Deck	3 1/2				
Scarphs of Ditto	"	7 ft	"								

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

	Copper Inches.	Iron Inches.		Copper Inches.	Iron Inches.
Heel-Knee, and Deadwood abaft	1 5/16		Transoms and throats of Hooks	1 3/16	
Scarphs of Keel N <sup>o</sup> 8	1 1/8		Arms of Hooks	1 1/8	
Keelson Bolts through Keel at each Floor	1 3/16		Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	7/8	
Bolts through Heels of Timbers against Deadwood	1 5/16		Butt End Bolts	3/4	
			Pintles of the Rudder	3/4	
			Hold Beam Bolts in		
			Waterway	1 1/8	
			Knees	1 3/16	1 1/8
			Shelf or Clamp	1 1/8	
			Deck Beam Bolts in		
			Waterway	1 5/16	
			Knees	1 1/8	1 5/16
			Shelf or Clamp	1 5/16	
			Nails or Bolts in Flat of Deck	6	
			Treenails	1 3/8	Inches

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks is 2.3 Inches. The Space between the Top-Timbers is 3.6 Inches.  
 The Floors consist of Port & Eng Oak The First Foothooks of Port & Eng Oak Timber.  
 The Second Foothooks of Eng Oak The Third Foothooks and Top Timbers of Eng Oak  
 The Shifts of the First and Second Foothooks are not less than 1/4 N. B. When less than prescribed by the Rule, state how many.  
 The rest of the Shifts of the Frame are good

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 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 1/4 of the entire moulding at that place.  
 The Frame is cross chocked with no Butt at each end of the chock. The Main Keel is Eng & Amur Elm  
 The Main Keelson is Green heart and appx free from all defects. The False Keelson is Green heart  
 The Stem, and Stern Post, consist of Eng & Afr Oak The Transoms, Aprons, Knight Heads, and  
 Hawse Timbers of Eng & Afr Oak Deadwood, of Eng Oak and are appx free from all defects.  
 The Deck and Hold Beams consist of Eng & Afr Oak, Peake & Green heart The Breasthooks of Iron The Knees of Iron

**Planking Outside.**—From the Keel to the Height defined in Note to Table A, the Plank is Amur Elm  
 or to the First Foothook Heads }  
 From the above named Height to the Light Water Mark Stettin Oak  
 From the Light Water Mark to the Wales Dawson & Stettin Oak  
 The Wales and Black-strakes are Peake The Topsides Peake  
 The Sheer-strakes and Plank-sheers Peake The Water-ways { Upper Deck Red Pine  
 Lower Deck \_\_\_\_\_  
 The Decks Eng Pine State of \_\_\_\_\_  
 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 S between, and without step-butting.

**Planking Inside.**—The Limber-strakes and Bilge-strakes are Dawson Oak

The Ceiling, Lower Hold, and between Decks Stettin & Dawson Oak Shelf Pieces and Clamps Dawson Oak

**Fastenings.**—To Hold Beams Iron Lodging Knives, Shelf & Clamps Bolted through and 11 pair of Iron rollers

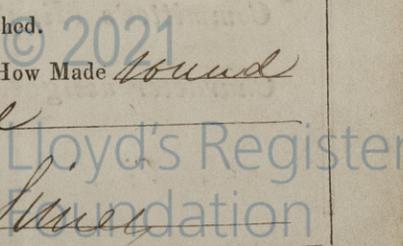
Deck Beams Iron Lodging Knives, 9 pair Staple Standards and 9 pair of Hanging Knives

Number of Breasthooks Seven & Stenson Pointers One pair Iron Crutches One Dawson Knives

Butts End Bolts are of Iron in the Bottom, and one Bolt in each Butt End through and clenched.  
 Bilge and Limber Strakes are bolted through and clenched. Treenails of Eng Oak How Made bound  
 Thickstuff over Double Floors 4 bolted through and clenched. General Quality of Workmanship good

We certify that the above is a correct description of the several particulars therein given  
 Builder's Signature George Short Surveyor's Signature Robt. B. Jones

SL0933-0056



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

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.	
No.		Fathoms.	Inches	No.	Weight.
2	Fore Sails,	270	1 1/2	3	33-1-0
2	Fore Top Sails,	75	9	3	32-2-0
2	Fore Topmast Stay Sails,	70	1	1	31-2-0
1	Main Sails,	75	6		
2	Main Top Sails,	75	5	1	6-2-23
and <u>others as usual</u>		All of <u>good</u> quality.		1	2-2-17

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

She has one Long Boat and three others  
The present state of the Windlass is good Capstan Wich Rudder good Pumps two Metal  
patent

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 January 3<sup>rd</sup>  
 2nd. When the Beams are put in, &c. March 12<sup>th</sup>  
 3rd. { When completed, and before the } May 15<sup>th</sup>  
       { plank be painted or payed }

*The exterior of this ship including the heels of the cant timbers and the flat of the upper deck is fastened with yellow metal to the entire exclusion of iron  
George Short*

Present condition of Caulking of Bottom, \_\_\_\_\_ Deck, \_\_\_\_\_ and Waterways \_\_\_\_\_

Sheathed, ~~Doubled, Felted, or Coppered~~ with yellow metal to wales When last done \_\_\_\_\_

I am of opinion this Vessel should be Classed W. A. S.

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

lock no order Special .....£ 34 : 11 : - for 50 written for 3/11/56

Certificate .....£ - : - : -

Committee's Minute 11<sup>th</sup> November 1856

Character assigned Δ 1 for 10 years



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