

No. 5599 Survey held at Sunderland Date 10 July 1855
 on the Ship "Lobelia" Master J. Gooding
 Tonnage Old 640 New 923 Built at Sunderland When built 1853 Launched 16 May
 By whom built J. J. Alcock Owners J. J. Alcock
 Port belonging to Sunderland Destined Voyage Calcutta
 If Surveyed while Building, Afloat, or in Dry Dock in building

Length aloft 109 ^{Feet. Inches.} Extreme Breadth 33 ^{Feet. Inches.} Depth of Hold 21 ^{Feet. Inches.}

Scantlings of Timber.				Thickness of Plank.			
Room and Space	Inches.	Inches. Middle	Inches. Ends	Outside.	Inches.	Inside.	Inches.
Floors.....sided	14 1/2	Moulded	14 1/2	Keel to Bilge	4 3/4	Side Keelsons	12 1/2 x 10 1/2
1st Foothooks	13 1/2	"	13	Bilge Planks	6	Limber Strakes	5
2nd Ditto	12	"	12	Bilge to Wales	4 3/4	Bilge Planks	5
3rd Ditto	11	"	-	Wales	6	Ceiling in Flat	3 1/2
Top Timbers	10 1/2	"	4 1/2	Short Hoods	1 1/2	Ditto Bilge to Clamp	3 1/2
Deck Beams N° <u>29</u> Average Space } <u>4-9</u>	9 3/4	"	9 3/4	Topsides	1 1/4	Hold Beam Clamps	4 1/4
Hold Beams N° <u>24</u> Average Space } <u>4-6</u>	13 1/4	"	13 1/4	Sheer Strakes	1 1/4	Deck Beam Ditto	1 1/2
Keel	15 1/4	"	15 1/4	Plank Sheers	1 1/4	Ceiling 'twixt Decks	2 3/4
Keelsons	14	"	14	Water-Ways	2 1/2	Hold Beam Shelves	13 x 10 1/2
Scarpns of Ditto	0 feet	"	-	Upper Deck	3 1/4	Deck Beam Ditto	13 x 6 1/2
						Hold Beam Waterway	13 x 10 1/2

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	1 3/8	-	Transoms and throats of Hooks	1 1/4	-	Lower Pintle of the Rudder	3 1/2	-
Scarpns of Keel.....N° 10	1 3/8	-	Arms of Hooks	1 3/8	-	Hold Beam	1 1/2 x 1 1/2	-
Floor Timber Bolts	1 1/4	-	Bolts thro' Bilge & Limber Strakes	1 1/2	-	Deck Beam	1 3/8 x 1	-
Keelson ditto	1 1/4	-	Butt End Bolts	1 1/2	-			

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 1 1/2 Inches. The Space between the Top-timbers is 3 1/2 Inches. The Stem, Stern Post, consist of English oak the Transoms, Aprons, Knight Heads, Hawse Timbers, and Deadwood, of Eng^l oak and are off^r free from all defects. The Floors consist of Eng^l oak The First Foothooks of Eng^l oak Timber. The Second Foothooks of Eng^l oak The Third Foothooks of Eng^l oak The Top Timbers of Eng^l oak The Shifts of the first and second Foothooks are not less than 1 1/2 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 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 1/3 of the entire moulding at that place. The Frame is cross chocked with a Butt at each end of the chock. The Main Keelson is Teak and free from all defects. The Side Keelsons is Teak The Deck Beams consist of Teak, African^o & Eng^l oak The Hold Beams of Teak & African^o 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 Stettin oak From the Light Water Mark to the Wales Teak The Wales and Black-strakes are Teak & Eng^l oak The Topsides Teak The Sheer-strakes Teak and Plank-sheers Teak The Water-ways Teak & African^o oak The Decks Dantzian Fir & Yellow pine State of Good The Shifts of the Planking are not less than 5 1/2 Feet 7 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 Teak the Bilge Planks Teak, Eng^l oak & Austr^o hard wood The Ceiling, Lower Hold, Teak Between Decks Teak Shelf Pieces Teak & African^o oak Clamps Teak

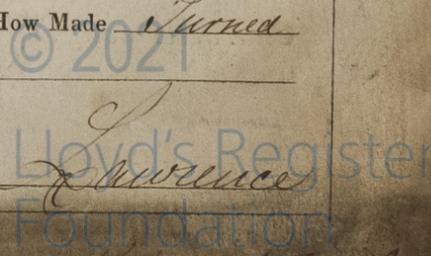
Fastenings.—To Hold Beams Dowelled and dovetailed to shelf and waterway, iron staple knee in mast rooms, and at the ends, and an iron knee under each beam, & a written pair of which are riveted Deck Beams Dowell to shelf and waterway, staple knees in mast rooms, and an iron hanging knee to each beam and, Number of Breasthooks Eight Pointers one pair Crutches Two Butts End Bolts are of Iron in the Bottom, and one Bolt in each Butt End through and clenched. Bilge and Side Keelsons are are bolted through and clenched. Treenails of Eng^l oak How Made Turned General Quality of Workmanship First quality

We certify that the preceding is a correct description of the above-named Vessel,

Builder's Signature J. J. Alcock Surveyor's Signature Thomas Lawrence

Two iron pins of iron diagonal plates, under the ceiling, from the top height over the floor, & below the

526932-0264



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.
2	Fore Sails,	300	1 3/4	Bower,	3 34 3-0
2	Fore Top Sails,	75	0		33
2	Fore Topmast Stay Sails,	60	1	Stream,	32 6, 1, 6
2	Main Sails,	75	6 1/2		
2	Main Top Sails,	75	5 1/2	Kedge,	1 3, 1, 16
and <u>others as usual</u>		All of <u>good</u> quality.			

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

She has 1 Long Boat and two others

The present state of the Windlass is secure Capstan Quick Rudder and Pumps efficient

General Remarks—Statement and Date of Repairs.

In this ship, the flat of the upper deck, poop and fore-castle are fastened with metal nails, and the whole of the outside planking is fastened with trenails and of metal bolts, the heels of the timbers against the fore and after deadwoods are also fastened through with metal bolts, to the entire exclusion of iron—

J J Alcock

If Sheathed, Doubled, Felted, or Coppered 4 Metal on felt to 19 1/2 ft When last done

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

The Amount of the Fee,.....£ 5 : 11 : 0 is received by me,

July 21st Order No. 437 Special£ 41 : 3 : 11

Certificate (if required)£ : :

Committee's Minute 20th July 1855

Character assigned 1 for 13 Years

Thomas Lawrence



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