

No. 573 Survey held at Sunderland Date 4 January 1856
on the Ship "Bacchante" Master Withers.
Tonnage Old 725 Built at Sunderland When built 1836 Launched 1 January
New 717 By whom built James Leung - Owners James Beazley & Co.
Port belonging to Liverpool Destined Voyage Liverpool to Calcutta
If Surveyed while Building, Afloat, or in Dry Dock At Rules Building

Length aloft	152	Feet.	Inches.	Extreme Breadth Outside	31	Feet.	Inches.	Depth of Hold	21	Feet.	Inches.
Thickness of Plank.											
Scantlings of Timber.				Outside.				Inside.			
TIMBER AND SPACE				Garboard Strakes				Limber Strakes			
Floors				Garboard to Bilge				Bilge Planks			
1st Foothooks				Bilge Planks				Ceiling in Flat			
2nd Ditto				Bilge to Wales				Ditto Bilge to Clamp			
3rd Ditto				Wales				Hold Beam Clamps			
Top Timbers				Topsides				Deck Beam Ditto			
Deck {N° 27 Average Space} 4#6				Sheer Strakes				Ceiling 'twixt Decks			
Deck Beams, length amidships 28#10				Plank Sheers				Hold Beam Shelves			
Hold {N° 25 Average Space} 4#6				Water {Upper Deck 10x10				Deck Beam Ditto			
Hold Beams, length amidships 20#10				Ways {Lower Deck 13x12							
Keel				Upper Deck							
Scarphs of Ditto											
Keelsons											
Scarphs of Ditto											

Size of Bolts in Fastenings, distinguishing whether Copper or Iron; also of Treenails.											
Heel-Knee, and Deadwood abaft				Transoms and throats of Hooks				Waterway			
Scarphs of Keel N° 10				Arms of Hooks				Hold Beam Bolts in Knees 1-3/16			
Keelson Bolts through Keel at each Floor				Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors				Shelf or Clamp			
Bolts through Heels of Timbers against Deadwood				Butt End Bolts				Deck Beam Bolts in Knees 1-4/8			
				Pintles of the Rudder				Shelf or Clamp			
								Nails or Bolts in Flat of Deck			
								Treenails			

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 16 3/8 Inches. The Space between the Top-Timbers is 4 1/2 Inches.
The Floors consist of English oak The First Foothooks of English oak Timber.
The Second Foothooks of English oak The Third Foothooks and Top Timbers of English oak
The Shifts of the First and Second Foothooks are not less than 1/7 of breadth N. B. When less than prescribed by the Rule, state how many.
The rest of the Shifts of the Frame are equal
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 and sound
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 6 Butt at each end of the chock. The Main piece of Rudder is English oak
The Main Keelson is Greenheart & African and free from all defects. The Main piece of Windlass is English oak
The Stem, and Stern Post, consist of English oak The Transoms, Aprons, Knight Heads, and
Hawse Timbers of English oak Deadwood, of English oak and are free from all defects.
The Deck and Hold Beams consist of Teak & African The Breasthooks of Teak & African The Knees of Teak & African

Planking Outside.—From the Keel to the Height defined in Note to Table A the Plank is American elm
From the above named Height to the Light Water Mark Continental white and African oak
From the Light Water Mark to the Wales Teak African and English oak
The Wales and Black-strakes are Teak African & English. The Topsides Teak
The Sheer-strakes and Plank-sheers Teak The Water-ways { Upper Deck Teak Lower Deck Teak
The Decks Yellow pine State of Good Durtity
The Shifts of the Planking are not less than 5 Feet 0 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, and without step-buttling.

Planking Inside.—The Limber-strakes and Bilge-strakes are Teak and African oak
The Ceiling, Lower Hold, and between Decks Teak & African. Shelf Pieces and Clamps Teak & African
Fastenings.—To Hold Beams Shelf and Horizontal Knees 12 pair of hanging Knees & 11 pair of beam arm-riders
Deck Beams Shelf and Horizontal Knees & 25 pair of hanging Knees
Number of Breasthooks 0 Pointers 2 Crutches 3
Butts End Bolts are of 4 Metal in the Bottom, and one Bolt in each Butt End through and clenched.
Bilge and Limber Strakes 4 Metal bolted through and clenched. Treenails of Teak & African How Made circular
Thickstuff over Double Floors " " 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 James Leung Surveyor's Signature J. D. Redstone
Robt. Fowler

SLD932-0360

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>Complete outfit for an Indian voyage</i>	Fore Sails,	Chain	240	1 1/16	Bower,	2 28.0.16 27.0.5
	Fore Top Sails,	Hempen Stream Cable	"	"		
	Fore Topmast Stay Sails,	Hawser	70	8 in	Stream,	1 25.1.21
	Main Sails,	Towlines	70	8 in		
	Main Top Sails,	Warp	3 each 80	6.5.4 1/2	Kedge,	2 8.3.14 2.2.20
and		All of <u>good</u> quality.				

Her Standing and Running Rigging New Hemp sufficient in size and Good in quality.
She has One Long Boat and Quarter boats
The present state of the Windlass is New Capstan New Rudder New Pumps New

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 28th July 1855
2nd. When the Beams are put in, &c. 27th September 1855
3rd. { When completed, and before the plank be painted or payed } December 1855

This vessel is fastened with yellow metal bolts in all her bindings and external fastenings including the heels of cant timbers and nails in upper deck to the entire exclusion of iron bolts and nails,

S. O. Plaststone Surveyor
James Luing

Sept 55

Present condition of Caulking of Bottom, Good Deck, Good and Waterways Good
If Sheathed, Doubled, Felted, or Coppered Y. Metal to wales with ropes underneath When last done January 1856
I am of opinion this Vessel should be Classed 13 A.1.
The Amount of the Fee.....£ 5 : : : is received by me, Robt Fowler
S. O. Plaststone
Special£ 30 : 17 : :
Certificate£ : : :
24 first Surveyor's Signature

Committee's Minute 29th February 1856

Character assigned 1 for 13 Year
S. O.

