

No. 2165 Survey held at Puncheon Date April 1842
on the Ship "Athenian" Master Mann
Tonnage ^{old 508} 673 Built at Puncheon When built 1842
By whom built Mos. Gales & Co. Owners R. B. Mann & Co
Port belonging to London Destined Voyage East Indies
If Surveyed Afloat or in Dry Dock During the Building

Length aloft	112 ⁷ / ₈	Feet.	110	6	Inches.	Extreme Breadth	30	8	Feet.	8	Inches.	Depth of Hold	21	0	Feet.	0	Inches.
Scantlings of Timber.						Thickness of Plank.											
Timber and Space..... each						15	Inches.		Outside.		Inches.		Inside.		Inches.		
Floors..... sided						11 ¹ / ₂	Moulded	13 ¹ / ₂	11	Keel to Bilge		3 ¹ / ₂	Foot Waling		4 ¹ / ₂		
1 st Foothooks..... "						12 ¹ / ₂	"	10 ¹ / ₂		Bilge Planks		4 ³ / ₄	Bilge Planks		11 ¹ / ₂		
2 nd Ditto..... "						11 ¹ / ₂	"	9 ¹ / ₂		Bilge to Wales		4 ³ / ₄	Ceiling in Flat		3 ¹ / ₂		
3 rd Ditto..... "						10 ¹ / ₂	"	8 ¹ / ₂		Wales		5	Ditto Bilge to Clamp		3 ¹ / ₂		
Top Timbers..... "						10	"	5 ¹ / ₂		Topsides		3	Hold Beam Clamps		6 ⁵ / ₈		
Deck BeamsN°. of - 24						10 ¹ / ₂	"	10	6 ¹ / ₂	Sheer Strakes		4	Deck Beam Ditto				
Hold BeamsN°. of - 16						13	"	13	10	Plank Sheers		4	Ceiling 'twixt Decks		2 ¹ / ₂		
Keel.....						13	"	10		Water-Ways		8 ³ / ₄	Hold Beam Shelves		13 ¹ / ₂ by 7		
Kelsons..... "						14	"	22		Upper Deck		3 ¹ / ₂	Deck Beam Ditto				
Yellow Metal						Size of Bolts in Fastenings.											
Copper.						Iron:											
Heel-Knee, and Dead Wood abaft.....						1 ¹ / ₂	Inches.		Copper.		Inches.		Hold Beam		1 ¹ / ₈		
Scarphs of Keel.....N°. 9						1 ¹ / ₂	Bolts thro' the Bilge and Foot Waling		3 ¹ / ₄	Butt End Bolts		3 ¹ / ₄	Deck Beam		7 ¹ / ₈		
Floor Timber Bolts.....						1 ¹ / ₂	Lower Pintle of the Rudder		3 ¹ / ₂	}..... same in Iron above the Copper..... }							
Kelson ditto.....						1 ¹ / ₂											
Transoms and throats of Hooks.....						1 ¹ / ₂											
Arms of Hooks.....						1											

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 ¹/₄ Inches. The Stem, Stern Post, are composed of English Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, of English Oak and are apple free from all defects.

The Floors and first Foothooks are composed of English and French Oak Timber.

The other Foothooks and Top Timbers of English Oak.

The Shifts of the first and second Foothooks are not less than 4 ¹/₄ to 5 feet 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 top Wales N. B. If not, state how bolted.

The Butts of the Timbers are all close together; their thickness not less than 1 ¹/₄ to 1 ¹/₂ of the entire moulding at that place.

The Frame is Cross chocked with a Butt at each end of the choek.

The Main Kelson is composed of Fernando P. and the False Kelson of Amer^e Ok + Fernando P.

The Scarphs of the Kelsons are not less than 7 feet 0 inches.

The Deck and Hold Beams are composed of English Oak Mahogany & Fernando P.

Planking Outside.—From the Keel to the first Foothook Heads the Plank is composed of Amer^e Elm.

From the first Foothook Heads to the Light Water Mark of Danz^e & Amer^e White Oak.

From the Light Water Mark to the Wales of Mahogany & a few Eng. Oak at end.

The Wales and Black-strakes are of English & African Oak. The Topsides of English Oak.

The Sheer-strakes and Plank-sheers of Mahogany & Eng. Oak. The Water-ways of Red Pine.

The Decks of Yellow Pine. State of

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 mostly three between

Planking Inside.—The Limber-strakes are composed of Amer^e Oak. the Bilge Planks of Amer^e & Eng. Oak.

The Ceiling, Lower Hold, of Amer^e Danz^e & Eng. Ok. Between Decks of Eng. Mahogany & Fernando P.

Shelf Pieces of Amer^e Oak. Clamps of Amer^e Oak. Eng. ends.

Fastenings.—To Hold Beams 14 Beams secured with Fell's patent, 10 pair Iron hang^r knees, and 4 pair stretching down to Bilge.

Deck Beams 19 Beams secured with Fell's patent, 10 pair Iron hang^r knees, and 3 pair Stiple Standards.

Number of Breasthooks 2 pair & 1 pair Pointers 1 pair Iron haken Pins, Crutches one Iron, also 1 pair & 2 pair Transoms 2

Butts End Bolts are of Yellow Metal in the Bottom, and one Bolt in each Butt End through and clenched. Wires each side 3

Bilge and Footwaling is well bolted through and clenched.

General Quality of Workmanship Good.

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

Builder's Name

Surveyor's Name

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 .	
2	Fore Sails,	270	Chain	1 1/2	3	Bower, 26.0.14 - 25.0.21 - 24.0.11
2	Fore Top Sails,	80	Hempen Stream Cable	9	1	Stream, 7.2.8
2	Fore Topmast Stay Sails,	80	Hawser	15 1/2	2	Kedge, 5.2.0 - 3.0.14.
1	Main Sails,	80	Towlines	6		
2	Main Top Sails,	80	Warp	5		
and well found in other			All of <u>good</u> quality.			

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

She has One Long Boat and two other Boats.

The present state of the Windlass is sound. Capstan Pinch and Rudder Brace good stuff
with patent purchase

General Remarks—Statement and Date of Repairs.

Frame is of well grown healthy quality throughout and generally of large scantling, all properly wrought, stepped and shifted, well squared and well clear of sap. Chocks good and well seated. Scamsons, Aprons, House timbers, Night heads, Hooks, Beams, Knees &c are all sound, generally of large scantling and well squared. Iron Pins are of large size and well bolted. Water ways of good quality free from sap or shake.

Outside Planking is of good quality well wrought and shifted and clear of sap. Screws used are of English & Spanish oak. Ceiling plank is sound and well seasoned very well wrought shifted and secured.

Upper & lower deck Beams, Knees Hooks, Shells &c are all well bolted and clenched.

Commenced Building in May 1841 Launched in January 1842

Surveyed as follows. W. 16 6 21 18 25 7 7
S 8 9 9 10 11 12 1

May 9. 1842. The Hold Beams are spaced at distances varying from 4.6 to 5.6. I have marked the places where three additional Hold Beams may be introduced with advantage - at a comparatively small expense - It would be advantageous ~~also~~ to alter the arrangement of the Midship Beams. Geo W Bayley

If Sheathed, Doubled, Felted, or Coppered

When last done

I am of opinion this Vessel should be Classed 10 A 1

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

Special£ : :

Committee's Minute 3rd May 1842

Character assigned 10 A 1

Special Fee due on this Vessel £25.



© 2021

Lloyd's Register
Foundation

May 13th 42. Three additional Beams and Spine of Staple Standards are now put in - and is now in my opinion eligible to be Classed 10 A 1 Geo W Bayley