

No. 2665 Survey held at Bristol Date 1st October 1843
on the Barge "Arcadia" Master Francis Stephen
Tonnage Old Built at Bristol When built 1843 Launched September 1843
By whom built Charles Hill & Sons Owners C. Dawson
Port belonging to London Destined Voyage Bristol to London, thence to Jamaica
If Surveyed while Building, Afloat, or in Dry Dock while building

Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	
136		5		27		4		17		1	
Length aloft				Extreme Breadth Outside				Depth of Hold			
				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 Beams				Sheer Strakes				Ceiling 'twixt Decks			
Deck Beams, length amidships				Plank Sheers				Hold Beam Shelves			
Hold Beams				Water - Upper Deck				Deck Beam Ditto			
Hold Beams, length amidships				Ways							
Keel				Ditto, faying surface against Timbers							
Scarp of Ditto				Upper Deck							
Keelsons											
Scarp of Ditto											
Size of Bolts in Fastenings, distinguishing whether Copper or Iron; also of Treenails.											

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

Heel-Knee, and Deadwood abaft				Transoms and throats of Hooks				Waterway			
Scarp of Keel				Arms of Hooks				Hold Beam Bolts in			
Keelson Bolts through Keel at each Floor				Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors				Knees			
Bolts through Heels of Timbers against Deadwood				Butt End Bolts				Shelf or Clamp			
				Pintles of the Rudder				Waterway			
								Deck Beam Bolts in			
								Knees			
								Shelf or Clamp			
								Nails or Bolts in Flat of Deck			
								Treenails			
								Inches			

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 2 Inches. The Space between the Top-Timbers is 12 Inches.

The Floors consist of Very Oak The First Foothooks of Very Oak

The Second Foothooks of Very Oak The Third Foothooks and Top Timbers of Very Oak

The Shifts of the First and Second Foothooks are not less than 4 ft 6 in 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 very 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 3 of the entire moulding at that place.

The Frame is well chocked with o Butt at each end of the chock. The Main piece of Rudder is Very Oak

The Main Keelson is Very Oak & Greenheart and free from all defects. The Main piece of Windlass is Very Oak

The Stem, and Stern Post, consist of Very Oak The Transoms, Aprons, Knight Heads, and

Hawse Timbers of Very Oak Deadwood, of Very Oak and are free from all defects.

The Deck and Hold Beams consist of Very Oak 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 Very Oak

or to the First Foothook Heads

From the above named Height to the Light Water Mark Pitch Pine

From the Light Water Mark to the Wales Very Oak & Greenheart

The Wales and Black-strakes are Very Oak & Greenheart The Topsides Teak

The Sheer-strakes and Plank-sheers Very Oak The Water-ways { Upper Deck Very Oak & Greenheart

Lower Deck

Decks Yellow Pine State of Good

Shifts of the Planking are not less than 6 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 between 3 between, and without step-butting

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

Ceiling, Lower Hold, and between Decks Very Oak & Greenheart Shelf Pieces and Clamps Greenheart

Fastenings.—To Hold Beams Eight pairs of Hanging Nails and Lodging

Nails in each Beam space

Deck Beams Seven pairs of Hanging Nails and Lodging Nails in

each Beam space

Number of Breasthooks Five Pointers Three Crutches Three

Butts End Bolts are of Yellow Metal in the Bottom, and two Bolts in each Butt End through and clenched.

Bilge and Limber Strakes Yellow Metal bolted through and clenched. Treenails of Very Oak How Made Turned

Thickstuff over Double Floors bolted through and clenched. General Quality of Workmanship very good

We certify that the above is a correct description of the several particulars therein given

Builder's Signature Charles Hill & Sons

Surveyor's Signature Thomas Boyd

BR 80-274

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.
<u>one</u>	Fore Sails,	Chain	<u>240</u>	<u>1 8</u>	Bower,	<u>3</u>	<u>21.0.0</u>
<u>Complete</u>	Fore Top Sails,	Hempen Stream Cable	<u>90</u>	<u>8</u>			<u>21.0.0</u>
<u>cut</u>	Fore Topmast Stay Sails,	Hawser	<u>90</u>	<u>7</u>	Stream,	<u>1</u>	<u>7.0.0</u>
	Main Sails,	Towlines	<u>90</u>	<u>5</u>			
	Main Top Sails,	Warp			Kedge,	<u>2</u>	<u>3.2.0</u>
	and <u>spare sails</u>	All of <u>good</u> quality.					<u>1.3.0</u>

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

She has one Long Boat and two others

The present state of the Windlass is which Capstan and Rudder good Pumps two cast metal

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
- 2nd. When the Beams are put in, &c.
- 3rd. { When completed, and before the
plank be painted or payed }

Specially Surveyed

This Vessel has been Specially Surveyed, and built under a good Roof fulfilling the requirements of the Rules. The materials and fastenings throughout are equal to the Rules and of the best quality. Workmanship very good. She is Yellow Metalled one felt to Water. Ground tackle complete and of the best description. Testing of Bower Anchors proved to 18 tons for each of the 31 Cast Anchors, and to 15 tons for the 17 Cast Anchor, produced. Also proof produced of Bower Chain tested to 34 Tons.

The "Acadia" is a good vessel in which the materials and fastenings are equal to the Rules for the 13 years grade, and as she has been built under a Roof and Deck set up complied with to the entire exclusion of iron bolts. I am of opinion she may be classed 14 A1

Present condition of Caulking of Bottom, good Deck, good and Waterways good

If Sheathed, Doubled, Felted, or Coppered Yellow Metalled one felt When last done September 1863

I am of opinion this Vessel should be Classed 14 A1

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

Special£ 20:17 :

Certificate£ : :

Committee's Minute 13th October 1863

Character assigned A 1 for 14 Years

Thomas Congdon



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Lloyd's Register
Foundation