

No. 104 Survey held at Chace Pond Date Mar 20. 1863 Mar 23. 1864
on the Crig - White Master John Glass
Tonnage Old 245 Built at Bideford When built 1864 Launched Oct 10.
By whom built G. Cox & Son Owners Erin Schuster
Port belonging to Cannock Destined Voyage Coastal New Zealand
If Surveyed while Building, Afloat, or in Dry Dock Through out build in dry dock

Length aloft			Extreme Breadth Outside			Depth of Hold		
100			23			12 9		
Feet.			Inches.			Feet.		
Sided.			Moulded.			Inches.		
IN SHIP.			REQUIRED PER RULE.			Thickness of Plank.		
Middle.			Middle.			In Ship.		
Ends.			Ends.			Inches.		
Required per Rule.			Required per Rule.			Required per Rule.		
Scantlings of Timber.			Outside.			Inside.		
TIMBER AND SPACE			Garboard Strakes			Limber Strakes		
Floors	20	8 8	Garboard to Bilge	3	2 1/2	Bilge Planks	3	3
1 st Foothooks	8 9	7 7	Bilge Planks	4	2 1/2	Ceiling in Flat	2	2
2 nd Ditto	7 8	6 6	Bilge to Wales	3 1/4	2 1/2	Ditto Bilge to Clamp	2	2
3 rd Ditto	6 6	5 5	Wales	4	4	Hold Beam Clamps	4	3
Top Timbers	6 4	5 6	Topsides	3	3	Deck Beam Ditto	5 1/2	3
Deck Beams	8 9	7 7	Sheer Strakes	3	3	Ceiling 'twixt Decks	2	2
Deck Beams, length amidships	20 9	7 1/2	Plank Sheers	3	2 1/2	Hold Beam Shelves		
Hold Beams	5 1/2	10 9	Water - Upper Deck	6 1/2	7	Deck Beam Ditto		
Hold Beams, length amidships	20 9	10 4	Ways - Lower Deck					
Keel	10 1/2	14	Ditto, faying surface against Timbers	4	4 1/2			
Scarphs of Ditto	5 1/2	9	Upper Deck	3	2 1/2			
Keelsons	13 1/2	16						
Scarphs of Ditto	8 1/2	9						

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

Copper or Iron			Copper or Iron			Copper or Iron		
Inches in Ship.			Inches required per Rule			Inches in Ship.		
Inches required per Rule			Inches required per Rule			Inches required per Rule		
Heel-Knee, and Deadwood abaft			Transoms and throats of Hooks			Waterway		
Scarphs of Keel	6	3 1/4	Arms of Hooks	3 1/4	1 1/2	Hold Beam Bolts in	Knees	3 1/4
Keelson Bolts through Keel at each Floor	10 1/2	4 1/2	Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	1 1/2	1 1/2	Shelf or Clamp	3 1/4	1 1/2
Bolts through Heels of Timbers against Deadwood	1 1/2	1 1/2	Butt End Bolts	1 1/2	1 1/2	Waterway	1 1/2	1 1/2
			Pintles of the Rudder	2 1/4	2 1/4	Deck Beam Bolts in	Knees	1 1/2
						Shelf or Clamp	1 1/2	1 1/2
						Nails or Bolts in Flat of Deck	1 1/2	1 1/2
						Treenails	1 1/2	1 1/2

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 1 3/4 Inches. The Space between the Top-Timbers is 3 1/2 Inches.

The Floors consist of English Oak The First Foothooks of English Oak

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 3/8 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 free from sap, and from thence downwards, the frame is the same

The alternate Frames are all bolted together to the Gunwale. all are Frames N. B. If not, state how bolted.

The Butts of the Timbers are close together; their thickness not less than 3/8 of the entire moulding at that place.

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

The Main Keelson is Cum Heart 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 English Oak The Breasthooks of English Oak The Knees of English Oak

Planking Outside.—From the Keel to the Height defined in Note to Table A } the Plank is English Oak
or to the First Foothook Heads }

From the above named Height to the Light Water Mark English Oak Trunk & Cum Heart

From the Light Water Mark to the Wales English Oak Trunk & Cum Heart

The Wales and Black-strakes are Trunk & English Oak The Topsides Trunk & English Oak

The Sheer-strakes and Plank-sheers Trunk & English Oak The Water-ways { Upper Deck English Oak

The Decks Yellow pine Lower Deck English Oak

The Shifts of the Planking are not less than 5 Feet 1 Inches. State of very good

or partial, and if partial, in what part of the Ship. N. B. If less than prescribed by the Rule, state whether general

The Planking is wrought between, and without step-butting

Planking Inside.—The Limber-strakes and Bilge-strakes are Cum heart & English Oak

The Ceiling, Lower Hold, and between Decks Cum heart & English Oak Shelf Pieces and Clamps Cum heart & English Oak

Fastenings.—To Hold Beams Iron horizontal bars

Deck Beams Iron horizontal bars, and 4 pairs hanging down

Number of Breasthooks 3 Iron & English Oak Painters Two - iron Crutches Three - iron

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

Bilge and Limber Strakes Yellow Metal bolted through and clenched. Treenails of English Oak How Made well made

Thickstuff over Double Floors Yellow Metal 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 George Cox & Son Surveyor's Signature John Glass

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,	Chain		180	1 1/2	admiralty Bower,	2 11.0.13 = 13 1/2
1	Fore Top Sails,	Hempen Stream Cable		90	7		2 11.0.6 = 13
2	Fore Topmast Stay Sails,	Hawser		80	5	Stream,	1 2.3.19 = 5 1/2
1	Main Sails,	Towlines		80	3 1/2		
2	Main Top Sails,	Warp				Kedge,	1 1.2.9 = 3 1/2
and others nearly a double set		All of <u>good</u> quality.					

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

She has One Long Boat and a jolly ditty

The present state of the Windlass is good Capstan good Rudder good Pumps good

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	<u>May - 2^d 1863</u>
	2nd. When the Beams are put in, &c.	<u>September 23</u>
	3rd. { When completed, and before the plank be painted or payed }	<u>Jan - 7th 1864</u>

This Vessel has a good Frame of English Oak timber properly choiced and squared, the planking is of Teak Gun heart and English Oak, good, & well wrought. She has a raised quarter deck 24 feet long by 18 inches high all the outside planking is fastened with trenails, and yellow Metal Bolts to the inclusion of rim, and I am of opinion she is adapted to Clap as recommended below.

Keel cut out each side on the

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

If Sheathed, Doubled, Felted, or Coppered Yellow Metal on Port When last done now done

I am of opinion this Vessel should be Classed A. 1. 13 Years

The Amount of the Fee.....£ 2 : : is received by me,

Special£ 8 : 8 :

Certificate£ : :

Committee's Minute 26th February 1864

Character assigned A 1 for 13 Years



© 2019

Lloyd's Register Foundation