

No. Survey held at London Date 11th Nov 1853
on the Screw Steamer "Zingari" Master Richd L Keys
Tonnage Old Built at London When built 1852
By whom built W Whitcomb Owners Bury & Co
Port belonging to London Destined Voyage Australia
If Surveyed while Building, Afloat, or in Dry Dock in Bullhead & Foxgate Dock afloat

Length aloft	Feet. 125	Inches. 6	Extreme Breadth	Feet. 18	Inches. 9 1/2	Depth of Hold	Feet. 11	Inches. 9 1/2
Engines <u>60 Horses</u>								
Scantlings of Timber.			Thickness of Plank.					
Room and Space	Inches. 30		Inches. Middle 12	Outside. Keel to Bilge	Inches. 12	Inside. Limber Strakes	Inches. 11	
Floors	sided 11	Moulded	12	Bilge Planks	4	Bilge Planks	11	6
1st Foothooks	8 1/2	"	9	Bilge to Wales	3	Ceiling in Flat	2 1/2	
2nd Ditto	"	"	8	Wales	4	Ditto Bilge to Clamp	3	
3rd Ditto	"	"	7	Short Hoods		Hold Beam Clamps	4	
Top Timbers	"	"	6	Topsides	3	Deck Beam Ditto	4	
Deck Beams No. 1	Average Space 10	"	10	Sheer Strakes	3	Ceiling 'twixt Decks	3 1/2	
Deck Beams No. 2	Average Space 10	"	10	Plank Sheers	3	Hold Beam Shelves	3	4
Keel	"	"	11	Water-Ways	2 x 12	Deck Beam Ditto	12	6
Keelsons	"	"	12	Upper Deck	3			
Scarp of Ditto	"	"						

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

Heel-Knee, and Deadwood abaft	Copper 1 1/2	Iron	Transoms and throats of Hooks	Copper 7/8	Iron	Lower Pintle of the Rudder	Copper 2	Iron
Scarp of Keel	7/8		Arms of Hooks	3/4		Hold Beam		7/8
Floor Timber Bolts			Bolts thro' Bilge & Limber Strakes			Deck Beam		3/4
Keelson ditto	1		Butt End Bolts	5/8				

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 6 Inches. The Space between the Top-timbers is 1 1/2 Inches. The Stem, Stern Post, consist of English oak the Transoms, Aprons, Knight Heads, Hawse Timbers, and Deadwood, of English oak and are free from all defects.
The Floors consist of English oak The First Foothooks of English oak Timber.
The Second Foothooks of Eng oak The Third Foothooks of Eng oak The Top Timbers of Eng oak
The Shifts of the first and second Foothooks are not less than 3 ft N. B. When less than prescribed by the Rule, state how many.
The rest of the Shifts of the Frame are 3 ft
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 — 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 Amer oak and free from all defects. The False Keelson is none
The Deck Beams consist of Eng oak The Hold Beams of Eng oak The Knees of iron

Planking Outside.—From the Keel to the Height defined in Note to Table 2, the Plank is 3 Amer oak
From the above named Height to the Light Water Mark Dautye fir
From the Light Water Mark to the Wales Dautye fir
The Wales and Black-strakes are Dautye fir The Topsides Dautye fir
The Sheer-strakes Dautye fir and Plank-sheers fir Battie The Water-ways Red Pine
The Decks Dautye fir State of Good
The Shifts of the Planking are not less than 5 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 then between between

Planking Inside.—The Limber-strakes are Dautye oak the Bilge Planks Foreign oak
The Ceiling, Lower Hold, White oak Between Decks Foreign white oak
Shelf Pieces Dautye fir Clamps Dautye fir

Fastenings.—To Hold Beams iron knees & shelf pieces
Deck Beams shelf pieces and iron knees
Number of Breasthooks three Pointers wood & iron Crutches wood & iron
Butts End Bolts are of yellow 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 Eng oak How Made Circular
General Quality of Workmanship fair

We certify that the preceding is a correct description of the above-named Vessel,
Builder's Signature _____ Surveyor's Signature C. H. Piche

2 of 4 years A.I

Lon 634-0034

new
Her Masts, Yards, &c. are in good condition, and sufficient in size and length.

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She has SAILS.			CABLES, &c.		ANCHORS, and their weights.		
N ^o .				Fathoms.	Inches.	N ^o .	Weight.
2	Fore Sails,		Chain	90	18	1	12 ^{Cwt}
3	Fore Top Sails,		Hempen Stream Cable	90	1	1	9
2	Fore Topmast Stay Sails,		Hawser	90	6	1	6
2	Main Sails,		Towlines	90	4	1	2
2	Main, Top Sails,		Warp	90	3		
2	and <u>2 inner jibs</u>		All of <u>good</u> quality.				

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

She has 18 feet Long Boat and 10 feet

The present state of the Windlass is patent Capstan winch Rudder good Pumps 4 pumps

General Remarks—Statement and Date of Repairs.

This Vessel since she was built has had very extensive repairs a raised quarter deck has been fitted as high as the tail and new shelf with two transom knees of iron—on being docked it was found that the Elm Plank in the bottom and one piece of keel were defective it was found necessary to renew 700 feet of the bottom planks on each side the frame timber exposed ^{was} found good—one new length of keel also fitted and upper deck shelves additionally thro bolted in compensation for the strain the Vessel had sustained from grounding in the river while being moved into the dock—The Vessel has now been caulked all over and bottom sheathed with zinc—Her original engines and screw have now been taken out and new engines ^{of 60 H.P.} screw by Messrs James Watt & Co put in but the screw has been unshipped and its aperture has been flanked up for the voyage out—This Vessel might have been recommended for a higher Class had not the deadwood beam of English Elm above 2 feet above the keel the builder having ~~used~~ that material for the trunk thro which the spindle or shaft of screw passes—

If Sheathed, Doubled, Felted, or Copressed zinc When last done Sept 1853

I am of opinion this Vessel should be Classed 4 yr A 1

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

Special£ 3 : 3 :

Certificate (if required)£ : 5 :

Committee's Minute 18 Nov 1853

Character assigned A 1 for 4 yrs

Damage Special £ 2. 2



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