

No. 939 Survey held at Gowes Date 21 April 11 May 22 May 22 June 7 July 21 July 1857  
on the Ship "Medina" Master John Lebrun  
Tonnage Old 409 18 Built at Gowes When built 1857 Launched 19 Aug 1857  
By whom built Messrs J & R. White Owners James Shepherd  
Port belonging to London Destined Voyage London

~~Surveyed while Building, Afloat, or in Dry Dock~~

Length aloft	12	9	Extreme Breadth Outside				26	Depth of Hold				17	3
	Inches. 4		MOULDED.				Inches. 1 1/2		Thickness of Plank.		Inches. 10		
	SIDED. 10												
Scantlings of Timber.													
TIMBER AND SPACE	38						Outside.						
Floors	10 1/2		10 1/2	9 1/2			Garboard Strakes	5	3 1/2	Limber Strakes	4	3 3/4	
1st Foothooks							Garboard to Bilge	4	3 1/2	Bilge Planks	4	3 3/4	
2nd Ditto							Bilge Planks	4	3 1/2	Ceiling in Flat	4	2 3/4	
3rd Ditto							Bilge to Wales	4	3 1/2	Ditto Bilge to Clamp	3	2 3/4	
Top Timbers							Wales	4 3/4	4 3/4	Hold Beam Clamps	4	4	
Deck Beams	N <sup>o</sup> 29	Average Space	4 feet	8 1/2	8 1/2	8 1/2	7 1/2	8 1/2	7 1/4	Deck Beam Ditto	3 3/4	2 3/4	
Hold Beams	N <sup>o</sup> 18	Average Space	8 feet 4 1/2 feet	11	11 3/4	11	10	11 3/4	9 3/4	Ceiling 'twixt Decks	2 1/2	2 1/4	
Hold Beams, length amidships										Hold Beam Shelves	11 by 11	11 3/4 by 11 3/4	
Keel	lengths English Elm			12 1/2	12 1/4	14		12 1/4		Deck Beam Ditto	8 1/2 by 10	8 1/2 by 7 1/4	
Scarphs of Ditto	5 feet 6 in												
Keelsons	4 lengths English Oak			14	13 1/4	14 1/2		13 1/4					
Scarphs of Ditto	6 feet 3 inches												

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

Heel-Knee, and Deadwood abaft		Inches in Ship.	Inches required per Rule.	Transoms and throats of Hooks		Inches in Ship.	Inches required per Rule.	Hold Beam Bolts in		Waterway ..		Inches in Ship.	Inches required per Rule.
Scarphs of Keel.....No. 7		7/8	7/8	Arms of Hooks		7/8	7/8	Knees .....		Shelf or Clamp		7/8	7/8
Keelson Bolts through Keel at each Floor		1 1/8	1	Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors		3/4	3/4	Deck Beam Bolts in		Waterway ..		3/4	7/8
Bolts through Heels of Timbers against Deadwood		7/8		Butt End Bolts		3/4	7/8	Knees .....		Shelf or Clamp		3/4	7/8
				Pintles of the Rudder		2 3/4	2 3/8	Nails or Bolts in Flat of Deck		Treenails 1 1/4. Inches		1 1/4	1 1/4

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks is \_\_\_\_\_ Inches. The Space between the Top-Timbers is \_\_\_\_\_ 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 none

The Shifts of the First and Second Foothooks are not less than 3 feet 6 inches N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are 3 feet 6 inches

The Frame is well squared from the First Foothook Heads upwards, and fairly 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 scarphed chocked with \_\_\_\_\_ Butt at each end of the choek. The Main piece of Rudder is English Oak

The Main Keelson is English Oak 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 & English Oak The Breasthooks of Iron, Seven The Knees of Iron

**Planking Outside.**—From the Keel to the Height defined in Note to Table A, the Plank is Amer<sup>n</sup> & English Elm

From the above named Height to the Light Water Mark English & Amer<sup>n</sup> Oak

From the Light Water Mark to the Wales English Oak & Teak

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

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

The Decks American Yellow pine Lower Deck Teak & English Oak

The Shifts of the Planking are not less than five Feet \_\_\_\_\_ Inches. State of 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 Three between, and without step-butting.

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

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

**Fastenings.**—To Hold Beams dovetailed into the Shelf and have an Iron hanging knee to each

Beam, Staple Iron fore & aft knee in each mast Room

Deck Beams dovetailed or dowelled to the shelf, Iron hanging knee to each Beam, Staple Iron fore & aft knee

in each mast Room

Number of Breasthooks Seven all Iron Pointers ceiling worked up to the deck Crutches Three Iron

Butts End Bolts are of Yellow metal in the Bottom, and \_\_\_\_\_ Bolt in each Butt End through and clenched.

Bilge and Limber Strakes \_\_\_\_\_ are \_\_\_\_\_ bolted through and clenched. Treenails of English Oak How Made turned

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 \_\_\_\_\_ Surveyor's Signature \_\_\_\_\_

SOU894-0203



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

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.			
N <sup>o</sup> .				Fathoms.	Inches.	N <sup>o</sup> .	Weight.
Hull suit most of the sails double suit	Fore Sails,	1 chain		120	1 3/8	Bower,	1 20.0.0
		1 Chain		120	1 3/8		1 21.0.0
	Fore Top Sails,	1 chain		120	7/8		1 21.0.0
		1 Hempen Stream Cable		120		1 21.0.0	
	Fore Topmast Stay Sails,	3 Hawser	4 In. 5 In & 6 In each	120	4.5 x 6	Stream,	1 14.0.0
	Main Sails,	1 Towlines		120	6 In	Kedge,	1 6.0.0
	Main Top Sails,	Warp					
and		All of	Good	quality.			

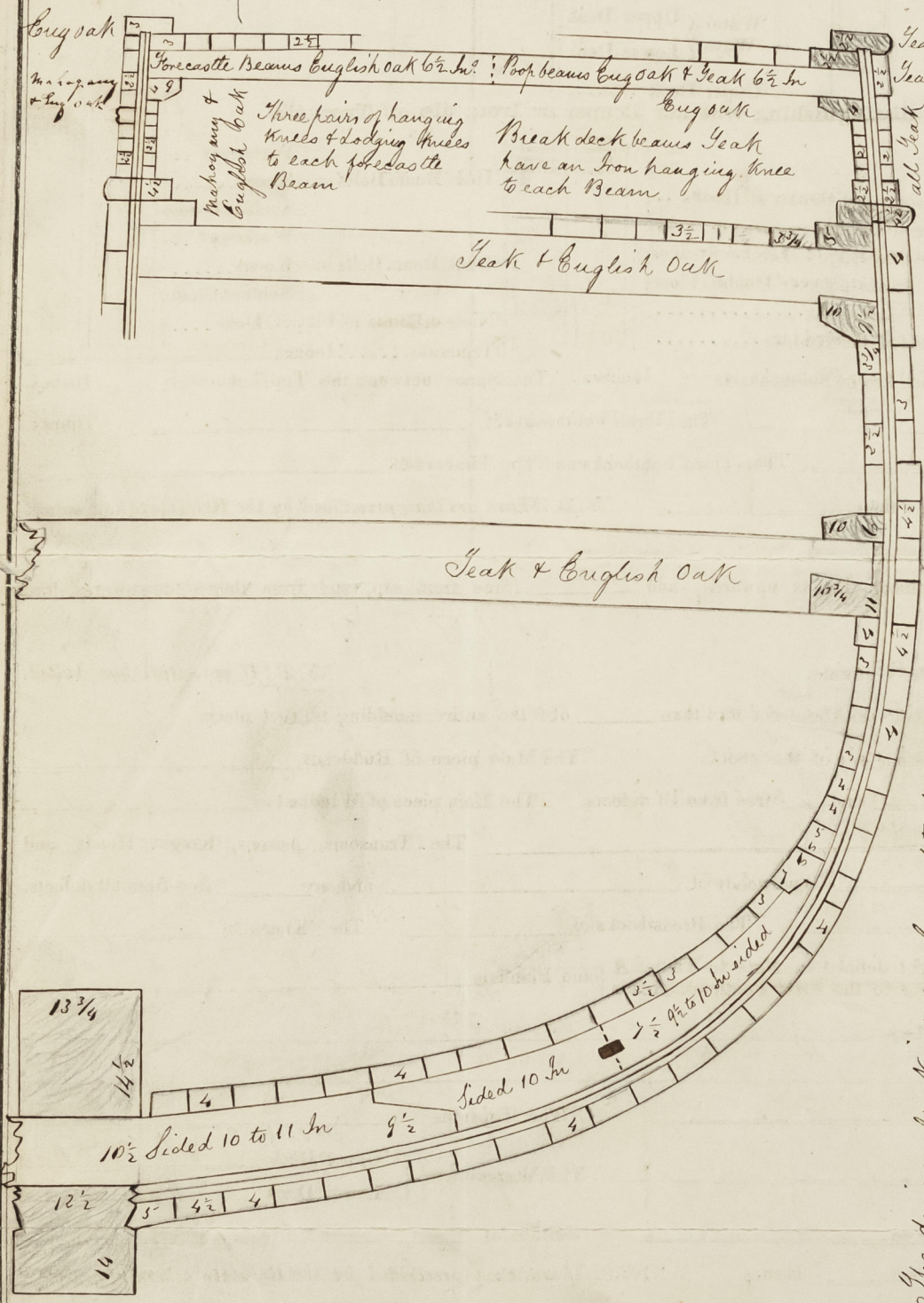
Her Standing and Running Rigging Is wire sufficient in size and Good in quality.

She has one 22 feet Long Boat and jolly Boat 20 feet, Life Boat 20 feet, punt 14 feet

The present state of the Windlass is patent Capstan double winch Rudder efficient Pumps Two 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	<u>21 April 1857</u>
	2nd. When the Beams are put in, &c.	<u>22 June 1857</u>
	3rd. { When completed, and before the plank be painted or payed }	<u>21 July 1857</u>



The diagonal skins are brought together with 7/16 inch yellow metal screws, 3 3/8 in long, placed about 3 feet 6 in apart, and have Teak pins 7/8 inch between, to fasten the two skins together; The two diagonal skins are all Teak 2 inch thick, and are well brought together.

The recommendations of Mr. James Martin and myself have, during the construction of the vessel, been fully carried out. The thick planks over the long and short floor heads are all bolted through. The thick planks along the range of the head of the frame are through bolted, and the vessel is well kneed, and strapped, as also fastened with through bolts. The outside bolts in this vessel are all yellow metal, or copper, as required by the Rules; and I am of opinion that this will be a very superior Thirteen years vessel.

This vessel has been seen by Mr. James Martin during her construction.

£ s d  
Fees 4 0 0  
Special 17 17 0  
my expenses 4 10 0  
" To be paid in London " 26 7 0  
M<sup>r</sup> McNeill 10 10 0

Present condition of Caulking of Bottom, Good Deck, Good and Waterways Good  
If Sheathed, Doubled, Felted, or Coppered Yellow metal on Felt When last done September 2<sup>nd</sup> 1857

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

The Amount of the Fee.....£ 4 : - : - is received by me, M<sup>r</sup> J. Martin  
Special .....£ 17 : 17 : -  
" .....£ 10 : 10 : -  
Certificate .....£ 4 : 10 : -  
Offices.....

Committee's Minute 19 Jan 1858  
21 Jan 1858

Character assigned 13A 1 "(Subject to B.S.)"