

No. 1539 Survey held at BristolDate 25<sup>th</sup> November

1850

on the Brig "Matilda"Master Anthony HicksTonnage 230 Built at BristolWhen built 25<sup>th</sup> Nov<sup>r</sup> 1850By whom built Chas Hill & CoOwners Chas HillPort belonging to BristolDestined Voyage West IndiesIf Surveyed Afloat or in Dry Dock During the Building & Afloat

Length aloft	Feet.	Inches.	Extreme Breadth	Feet.	Inches.	Depth of Hold	Feet.	Inches.
90			20	10		15		

## Scantlings of Timber.

Room and Space	Inches.	Inches.	Inches.
Floors.....sided	22 1/2	Moulded	11
1 <sup>st</sup> Foothooks.....	8 1/2	"	9
2 <sup>nd</sup> Ditto.....	7 3/4	"	8 1/2
3 <sup>rd</sup> Ditto.....	7 1/4	"	7 5
Top Timbers.....	7 1/4	"	
Deck Beams N <sup>o</sup> 15 Average Space 4 feet	8 1/2	"	8 1/2
Hold Beams N <sup>o</sup> 13 Average Space 4 & 0 feet	10	"	10
Keel.....	10 1/2	"	11
Kelsons.....	11 1/2	"	14

## Thickness of Plank.

Outside.	Inches.	Inside.	Inches.
Keel to Bilge.....	2 3/4	Limber Strakes.....	3 1/2
Bilge Planks.....	3 1/2	Bilge Planks.....	3 1/2
Bilge to Wales.....	3	Ceiling in Flat.....	2 1/2
Wales.....	4 1/2	Ditto Bilge to Clamp.....	2 1/2
Topsides.....	2 1/2	Hold Beam Clamps.....	3 1/2
Sheer Strakes.....	3 1/4	Deck Beam Ditto.....	3
Plank Sheers.....	3	Ceiling 'twixt Decks.....	2 1/2
Water-Ways.....	5 1/2	Hold Beam Shelves.....	5
Upper Deck.....	3	Deck Beam Ditto.....	4

## Size of Bolts in Fastenings, distinguishing whether

Yellow Copper or Iron. Metal	Inches.	Copper or Iron.	Inches.	Iron.	Inches.
Heel-Knee, and Dead Wood abaft.....	1 1/4	Bolts thro' the Bilge and Limber Strakes.....	3/4	Hold Beam.....	1
Scarphs of Keel.....N <sup>o</sup> 8	1 1/16	Butt End Bolts.....	3/4	Deck Beam.....	7/8
Floor Timber Bolts.....	1 1/16	Lower Pintle of the Rudder.....	2 3/4		
Kelson ditto.....	1 1/16				
Transoms and throats of Hooks.....	1 1/16				
Arms of Hooks.....	7/8				

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 2 Inches. The Space between the Top-timbers is 3 1/2 Inches. The Stem, Stern Post, are composed of English Oak the Transoms, Aprons,

Knight Heads, Hawse Timbers, of English Oak and are free from all defects.

The Floors and first Foothooks are composed of 80 Timber.

The other Foothooks and Top Timbers of 80

The Shifts of the first and second Foothooks are not less than 3 ft 9 inches N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are same

The Frame is well squared from the first Foothook Heads upwards, and free from sap, and from thence downwards, the frame is the same

All The alternate Frames are bolted together. 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 well chocked with a Butt at each end of the chock.

The Main Kelson is composed of English Oak and the False Kelson of

The Scarphs of the Kelsons are not less than 6 feet inches.

The Deck and Hold Beams are composed of English Oak

**Planking Outside.**—From the Keel to the first Foothook Heads the Plank is composed of English Elm

From the first Foothook Heads to the Light Water Mark of English Oak

From the Light Water Mark to the Wales of 80

The Wales and Black-strakes are of 80 The Topsides of English Oak

The Sheer-strakes and Plank-sheers of 80 The Water-ways of 80

The Decks of Yellow Pine State of very 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 three between

**Planking Inside.**—The Limber-strakes are composed of English Oak the Bilge Planks of English Oak

The Ceiling, Lower Hold, of 80 Between Decks of 80

Shelf Pieces of 80 Clamps of 80

**Fastenings.**—To Hold Beams Sheep pieces and double Lodging knees and 3 hanging knees on

each side under the cabin deck

Deck Beams Sheep pieces and single Lodging knees, double in the Hatch way and 6 hanging knees

on each side.

Number of Breasthooks 4 Pointers 2 Crutches one and transom knees

Butts End Bolts are of Yellow metal in the Bottom, and a Bolt in each Butt over heel of stem timbers

Bilge and Limber Strakes same bolted through and clenched. Treenails of English Oak

General Quality of Workmanship very good

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

Builder's Signature \_\_\_\_\_ Surveyor's Signature James Wood



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> .	
2	Fore Sails,	180	Chain .....	1 3/16	3	Bower, 13" 2 = 12" 2 = 12" 0 - 0
1	Fore Top Sails,	90	Hempen Stream Cable .....	7	1	Stream, 3" 2
2	Fore Topmast Stay Sails,	90	Hawser .....	5 1/2	1	Kedge, 2 -
1	Main Sails,	90	Towlines .....	3		
2	Main Top Sails,		Warp .....			
and <u>Gibs all new</u>			All of <u>new</u> quality.			

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

She has one Long Boat and Jolly Boat

The present state of the Windlas is patent Capstan much and Rudder good Pumps 2 good

### General Remarks—Statement and Date of Repairs.

This Vessel has been frequently surveyed during the progress of building; she is well built and secured, and the materials all of good quality — She was Launched in October, but was not finished until the 25<sup>th</sup> Nov<sup>r</sup> the day the third Breast hook was fitted and fastened; she was Registered on the 6<sup>th</sup> Nov<sup>r</sup> and went to sea the latter part of Dec<sup>r</sup> last. I send herewith Mr Hill's letter to me, the contents of which I believe to be true.

180 fms chain cable 1 3/16 sustained a tension of 24 Tons

If Sheathed, Doubled, Felted, or Coppered Yellow Metal over paper When last done Nov<sup>r</sup> 1850

I am of opinion this Vessel should be Classed 12 A 1

The Amount of the Fee.....£ 3 : - : is received by me,

Special .....£ 11 : 10 :

Certificate (if required) .....£ . : 10 :

Committee's Minute 14<sup>th</sup> Jan<sup>y</sup> 1851

Character assigned A 1

James Hood

✓  
James

Respecting  
Lloyd's Dock  
confined to

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