

No. 196 Survey held at Guernsey Date 16<sup>th</sup> May 1839  
 on the Mermaid Frances Yates Master William Beale  
 Tonnage 145<sup>195</sup>/<sub>350</sub> Built at Guernsey When built Launched April 1839  
 By whom built De Putron & Vaudin Owners M. W. Lemmon & John Yates  
 Port belonging to Guernsey Destined Voyage London  
 If Surveyed Afloat or in Dry Dock Building

Length aloft..... 45 Feet 1 Inches Breadth..... 20 Feet 10 Inches Depth of Hold..... 13 Feet 1 Inches

Scantlings of Timber.				Thickness of Plank.			
	Inches.	Inches Middle	Inches Ends	Outside.	Inches.	Inside.	Inches.
Timber and Space..... each				Keel to Bilge.....	<u>2 1/2</u>	Foot Waling.....	<u>2 1/2</u>
Floors..... sided	<u>11</u>	<u>9</u>	<u>9</u>	Bilge Planks.....	<u>4</u>	Bilge Planks.....	<u>3 1/2</u>
1 <sup>st</sup> Foothooks.....	<u>10-8</u>	<u>11 1/2</u>	<u>8</u>	Bilge to Wales.....	<u>2 1/2</u>	Ceiling in Flat.....	<u>2 1/2</u>
2 <sup>nd</sup> Ditto.....	<u>9-8</u>	<u>9</u>	<u>7</u>	Wales.....	<u>4</u>	Ditto Bilge to Clamp.....	<u>2</u>
3 <sup>rd</sup> Ditto.....	<u>9-8</u>	<u>8</u>	<u>6</u>	Topsides.....	<u>2 1/2</u>	Hold Beam Clamps.....	<u>3 1/2</u>
Top Timbers.....	<u>8-7</u>	<u>7</u>	<u>6 1/2</u>	Sheer Strakes.....	<u>3</u>	Deck Beam Ditto.....	<u>3 1/2</u>
Deck Beams..... Number of <u>20</u>	<u>10</u>	<u>18 1/2</u>	<u>6</u>	Plank Sheers.....	<u>2 1/2</u>	Ceiling 'twixt Decks.....	<u>2</u>
Hold Beams..... Sp. sp.	<u>10 1/2</u>	<u>9</u>	<u>-</u>	Water-ways.....	<u>4 1/2</u>	Hold Beam Shelves.....	<u>-</u>
Keel.....	<u>11</u>	<u>9 1/2</u>	<u>-</u>	Upper Deck.....	<u>2 1/2</u>	Deck Beam ditto.....	<u>-</u>
Kelsons.....	<u>12</u>	<u>15</u>	<u>-</u>				

Copper.		Copper.		Iron.	
	Inches.		Inches.		Inches.
Heel-Knee, and Dead Wood abaft.....	<u>1/8</u>	Bolts thro' the Bilge and Foot Waling.....	<u>-</u>	Hold Beam.....	<u>2 1/8</u> <u>3/4</u>
Scarphs of Keel..... N°.	<u>3/4</u>	Butt End Bolts.....	<u>5/8</u>	Deck Beam.....	<u>2</u> <u>1/10</u>
Floor Timber Bolts.....	<u>1/8</u>	Lower Pintle of the Rudder.....	<u>2</u>		
Kelson ditto.....	<u>1/8</u>			same in Iron above the Copper.....	
Transoms and throats of Hooks.....	<u>3/8</u>				
Arms of Hooks.....	<u>1/8</u>				

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks in this Vessel is Five Inches. The Space between the Top-timbers is 4 1/2 Inches. The Stem, Stern Post, Transoms, Aprons, Knight Heads, Hawse Timbers, are composed of French Oak and are quite free from all defects.

Her Floors and first Foothooks are composed of French Oak Timber.

Her other Foothooks and Top Timbers of 10 1/2 9

Her Shifts of the first and second Foothooks are not less than 3 feet 6 inches N.B. When reported by you less than the prescribed Rule, then state how many.

The rest of the Shifts of the Frame are 3 feet 9 inches and 4 feet

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

The alternate Frames are - bolted together.

The Butts of the Timbers are quite close together; their thickness not less than 1/2 of the entire moulding at that place.

The Frame is - chocked with a Butt at each end of the chock.

The Main Kelson is composed of French Oak and the False Kelson of -

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

The Deck and Hold Beams are composed of French Oak

**Planking Outside.**—This Vessel's Plank from the Keel to the first Foothook Heads is composed of Beck of Santzie Oak

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

From the Light Water Mark to the Wales of 10 1/2 10 10 10

The Wales and Black-strakes are of 10 1/2 10

The Topsides of 10 1/2 10

The Sheer-strakes of Santzie Oak Decks, and state of, new and very good

The Gunwales of 10 1/2 10 Water-ways of Santzie Oak

The Shifts of the Planking are not less than four Feet - Inches. N.B. If reported less than the prescribed Rule, state whether general or partial, and if partial, in what part of the Ship.

**Planking Inside.**—The Clamps are composed of Santzie Oak The Planking is wrought 2 1/2 between. the Stringers of Santzie Oak

The Bilge Planks of Santzie Oak and the remainder of the Ceiling of Santzie Oak

**Fastenings.**—To Hold Beams French Oak

Deck Beams 10 1/2 10

Number of Breasthooks four Pointers two Crutches one

Butts End Bolts are of 5/8 Copper in the Bottom, and a Bolt in each Butt End through and clenched.

Bilge and Footwaling 10 1/2 bolted through and clenched.

General Quality of Workmanship very good

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

Builder's Name De Putron & Vaudin

Surveyor's Name Peter Colles

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

She has SAILS.		CABLES, &c.		ANCHORS.	
N <sup>o</sup> .		Fathoms.		Inches.	N <sup>o</sup> .
1	Fore Sails,	90	Chain	1 1/2	2
1	Fore Top Sails,	75	Chain	1 1/2	2
1	Fore Topmast Stay Sails,	85	Hempen Stream Cable	6 1/2	1
2	Main Sails,	110	Hawser	5 1/2	2
1	Main Top Sails,	75	Towlines	2 3/4	2
	and		Warp	3 1/2	
			All of <u>best</u> quality.		

Her Standing and Running Rigging is patent rope sufficient in size and very good in quality.

She has One Long Boat and One Tolly boat copper fastened

The present state of the Windlass is new Capstan new and Rudder new & good

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

This vessel is constructed of the best quality of materials and strongly fastened, well equipped and well paid with stores of all descriptions, have been <sup>found</sup> under my inspection the hold contains an Iron bound bilboes of wooden ones — have a beam at each end of the lower transom and a transom over the bulk of the stern timbers properly bound —

If Sheathed, Doubled, or Felted, Neither

and Date when last done \_\_\_\_\_

And I of opinion this Vessel should be Classed As 9 Year

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

Peter Collier  
Surveyor of Shipping

Committee Minute 31<sup>st</sup> May 1839

Character assigned A 1 for 8 Years

