

No. 06 Survey held at S<sup>t</sup> Aubins Jersey Date 20 March } 18 37  
14 April  
10 August  
22 Decr  
on the Sch<sup>r</sup> Brig Zephyr Master J<sup>r</sup> Bradley  
Tonnage 161 Built at S<sup>t</sup> Aubins Isle of Jersey When built 1837  
By whom built Philp Laing Jun<sup>r</sup> Owners Sh<sup>r</sup> Allen & M<sup>c</sup>Cutchen  
Port belonging to London Destined Voyage to London  
If Surveyed Afloat or in Dry Dock On the M<sup>o</sup>cks in the Different Stages

Length aloft.....60 <sup>Feet.</sup> 6 <sup>Inches.</sup> Extreme Breadth .....21 <sup>Feet.</sup> 6 <sup>Inches.</sup> Depth of Hold .....13 <sup>Feet.</sup> 6 <sup>Inches.</sup>

#### Scantlings of Timber.

	Inches.	Inches.	Inches.
	Middle	Ends	
Timber and Space..... each	<u>24</u>		
Floors..... sided	<u>9 1/2</u>	<u>12 0</u>	
1 <sup>st</sup> Foothooks..... "	<u>8 1/2</u>	<u>0 7 1/2</u>	
2 <sup>nd</sup> Ditto..... "	<u>7 1/2</u>	<u>7 1/2 6 1/2</u>	
3 <sup>rd</sup> Ditto..... "	<u>6 1/2</u>	<u>6 1/2 5 1/2</u>	
Top Timbers..... "	<u>6</u>	<u>6 1/2 4 1/2</u>	
Deck Beams... Number of <u>16</u> ..... "	<u>0 1/2</u>	<u>0 1/2 5</u>	
Hold Beams... No. <u>15</u> ..... "	<u>10 1/2</u>	<u>10 7</u>	
Keel..... "	<u>10</u>	<u>12</u>	
Kelsons..... "	<u>12</u>	<u>14</u>	

#### Thickness of Plank.

Outside.	Inches.	Inside.	Inches.
Keel to Bilge <u>Sash<sup>r</sup> 4</u>	<u>2 1/2</u>	Foot Waling.....	
Bilge Planks.....	<u>4</u>	Bilge Planks.....	<u>3 1/2</u>
Bilge to Wales.....	<u>2 1/2</u>	Ceiling in Flat.....	<u>2 1/2</u>
Wales.....	<u>4</u>	Ditto Bilge to Clamp.....	<u>2</u>
Topsides.....	<u>2</u>	Hold Beam Clamps.....	<u>3</u>
Sheer Strakes.....	<u>3</u>	Deck Beam Ditto.....	<u>2 1/2</u>
Plank Sheers.....	<u>2 1/2</u>	Ceiling 'twixt Decks.....	<u>2</u>
Water-ways.....	<u>4</u>	Hold Beam Shelves.....	
Upper Deck.....	<u>2 1/2</u>	Deck Beam ditto..... <u>3 by 11</u>	

#### Size of Bolts in Fastenings.

Copper.	Inches.	Copper.	Inches.	Iron.	Inches.
Heel-Knee, and Dead Wood abaft.....	<u>7 1/16</u>	Bolts thro' the Bilge and Foot Waling.....	<u>3/4 &amp; 5/8</u>	Hold Beam.....	<u>7/8</u>
Scarphs of Keel..... N <sup>o</sup> <u>10</u>	<u>3/4</u>	Butt End Bolts.....	<u>6/8</u>	Deck Beam.....	<u>3/4</u>
Floor Timber Bolts.....	<u>7/8</u>	Lower Pintle of the Rudder.....	<u>2 1/4</u>		
Kelson ditto.....	<u>7/8</u>				
Transoms and throats of Hooks.....	<u>7/8</u>				
Arms of Hooks.....	<u>3/4</u>			same in Iron above the Copper.....	

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 2 3/4 Inches. The Space between the Top-timbers is 4 Inches. — The Stem, Stern Post, Transoms, Aprons, Knight Heads, Hawse Timbers, are composed of Hambro Oak and are pretty free from all defects.

Her Floors and first Foothooks are composed of East Country Oak — Timber.

Her other Foothooks and Top Timbers of D<sup>c</sup> D<sup>c</sup>

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

The rest of the Shifts of the Frame are average 4 feet —

The Frame is pretty squared from the first Foothook Heads upwards, and tolerably free from sap, and from thence downwards, the frame is Synae —

The alternate Frames are — bolted together.

The Butts of the Timbers are — close together; their thickness not less than 2/3 of the entire moulding at that place.

The Frame is — chocked with some Butts at each end of the chock. about half whole

The Main Kelson is composed of Hambro Oak — and the False Kelson of none

The Scarphs of the Kelsons are not less than 5 feet 6 inches.

The Deck and Hold Beams are composed of Hambro Oak —

**Planking Outside.**—This Vessel's Plank from the Keel to the first Foothook Heads is composed of Dantzic R. Pine

From the first Foothook Heads to the Light Water Mark of — Red Pine

From the Light Water Mark to the Wales of D<sup>c</sup> D<sup>c</sup>

The Wales and Black-strakes are of East Country or Hambro Oak

The Topsides of Red Pine — (Dantzic)

The Sheer-strakes of Hambro Oak — Decks, and state of, Red Pine

The Gunwales of D<sup>c</sup> D<sup>c</sup> Water-ways of Hambro Oak —

The Shifts of the Planking are not less than 5 Feet 6 Inches. N.B. If reported less than the prescribed Rule, state whether general or partial, and if partial, in what part of the Ship.

The Planking is wrought 3 Strakes between.

**Planking Inside.**—The Clamps are composed of Blue Gum — the Stringers of Hambro Oak

The Bilge Planks of Hambro Oak — and the remainder of the Ceiling of Red Pine

**Fastenings.**—To Hold Beams Staple, or Clamp Iron Knees —

Deck Beams Double Knees of Oak & 4 Iron hanging Knees on each side

Number of Breasthooks Four — Pointers 1 Pair — Crutches none

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

Bilge and Footwaling is 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

Surveyor's Name

William Ransell



Her Masts, Yards, &c. are in good 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 1/4	2	Bower,
2	Fore Top Sails,	90	Hempen Stream Cable.....	1 -	1	Stream,
2	Fore Topmast Stay Sails,	100	Hawser .....	7 -	1	Kedge,
1	Main Sails,	100	Towlines .....	4 1/2	-	All of proper weight. —
1	Main Top Sails, / 8 fathoms /	100	Warp .....	4		
and all New			All of <u>the best</u> quality.			

Her Standing and Running Rigging is quite sufficient in size and the best in quality.

She has one Long Boat and one fully Boated Pump Iron

The present state of the Windlass is New Capstan and Rudder New & Patent Winch

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

*This vessel is very well fastened  
and all the fittings are well put  
out of hand*

If Sheathed, Doubled, or Felted, Single Bottom  
and Date when last done \_\_\_\_\_

And I am of opinion this Vessel should be Classed A-1-6

The Amount of the Fee.....£ 2 : 2 : 0 is received by me,

*William Gannell*

Committee Minute 26 Dec 1837

Character assigned A 1 per year

*Ch*

*W. Gannell*



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