

No. \_\_\_\_\_ Survey held at London Date March 1839 5011  
 on the Ship Essex Master Edw P Ford  
 Tonnage 651 Built at Blackwall When built launched Feb 28 1839  
 By whom built Green & Co Owners M Wigram  
 Port belonging to London Destined Voyage India  
 If Surveyed Afloat or in Dry Dock While building  
Must be reported when launched

Length aloft.....144 Feet 14 Inches. Extreme Breadth .....32 Feet 14 Inches. Depth of Hold .....14 Feet 6 Inches.

Scantlings of Timber.				Thickness of Plank.			
Timber and Space	each	Inches.	Inches Middle Ends	Outside.	Inches.	Inside.	Inches.
Floors.....	sided	<u>13</u>	Moulded <u>13</u>	Keel to Bilge .....	<u>4</u>	Foot Waling.....	<u>6</u>
1 <sup>st</sup> Foothooks.....	"	<u>12</u>	" <u>12</u>	Bilge Planks .....	<u>3</u>	Bilge Planks .....	<u>6</u>
2 <sup>nd</sup> Ditto.....	"	<u>11</u>	" <u>11</u>	Bilge to Wales .....	<u>4</u>	Ceiling in Flat .....	<u>3</u>
3 <sup>rd</sup> Ditto.....	"	<u>10</u>	" <u>10</u>	Wales .....	<u>6</u>	Ditto Bilge to Clamp.....	<u>3</u>
Top Timbers .....	"	<u>9</u>	" <u>6</u>	Topsides .....	<u>3</u>	Hold Beam Clamps .....	<u>4</u>
Deck Beams.....	Number of <u>29</u>	<u>9 1/2</u>	" <u>8 1/2</u>	Sheer Strakes .....	<u>4</u>	Deck Beam Ditto.....	<u>4</u>
Hold Beams.....	Do. do. <u>26</u>	<u>12</u>	" <u>12</u>	Plank Sheers.....	<u>4</u>	Ceiling 'twixt Decks .....	<u>3</u>
Keel .....	"	<u>13</u>	" <u>14</u>	Water-ways .....	<u>10 X 10</u>	Hold Beam Shelves .....	<u>10 X 8</u>
Kelsons .....	"	<u>16</u>	" <u>16</u>	Upper Deck .....	<u>3</u>	Deck Beam ditto .....	<u>10 X 8</u>
				<u>10 X 8</u>	<u>3</u>	<u>10 X 8</u>	<u>4</u>

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

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 2 Inches. The Space between the Top-timbers is 5.6 Inches. The Stem, Stern Post, Transoms, Aprons, Knight Heads, Hawse Timbers, are composed of English & African Oak and are free from all defects.

Her Floors and first Foothooks are composed of English Oak Timber.  
 Her other Foothooks and Top Timbers of English Oak  
 Her Shifts of the first and second Foothooks are not less than 5 feet N.B. When reported by you less than the prescribed Rule, then state how many.

The rest of the Shifts of the Frame are the 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  
 The ~~alternate~~ Frames are all bolted together. All Frames  
 The Butts of the Timbers are close together; their thickness not less than 1/4 X 1/3 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 African Oak and the False Kelson of English Oak  
 The Scarphs of the Kelsons are not less than 7 feet inches.  
 The Deck and Hold Beams are composed of English & African Oak.

**Planking Outside.**—This Vessel's Plank from the Keel to the first Foothook Heads is composed of Am. Plan. Eng. Oak  
 From the first Foothook Heads to the Light Water Mark of English Oak  
 From the Light Water Mark to the Wales of African Oak  
 The Wales and Black-strakes are of African Oak  
 The Topsides of African Oak  
 The Sheer-strakes of African Oak Decks, and state of, Cautious Seal  
 The Gunwales of African Oak Water-ways of African Oak  
 The Shifts of the Planking are not less than 5 1/2 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 English Oak the Stringers of African Oak between regularly  
 The Bilge Planks of African Oak and the remainder of the Ceiling of English & African Oak

**Fastenings.**—To Hold Beams wood hoops in place to keep the beams from moving  
 Deck Beams the same as above  
 Number of Breasthooks 6 X 1 1/2 Pointers 1 Crutches 2  
 Butts End Bolts are of Copper in the Bottom, and one Bolt in each Butt End through and clenched.  
 Bilge and Footwaling are bolted through and clenched.  
 General Quality of Workmanship Good

We certify that the preceding is a correct description of the above-named Vessel.  
 Builder's Name Green Wigram & Green  
 Surveyor's Name George Bayley

0380-0004



5011 Lon

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

She has SAILS.

CABLES, &c.

ANCHORS.

N <sup>o</sup> .		Fathoms.		inches.	N <sup>o</sup> .
2	Fore Sails,	250	Chain .....	1 1/2	3
2	Fore Top Sails,	120	Hempen Stream Cable.....	9	1
2	Fore Topmast Stay Sails,	120	Hawser .....	6 1/2	1
2	Main Sails,		Towlines .....		
2	Main Top Sails,		Warp .....		
	and		All of <u>good</u> quality. <u>See</u>		

Her Standing and Running Rigging is See sufficient in size and good in quality.

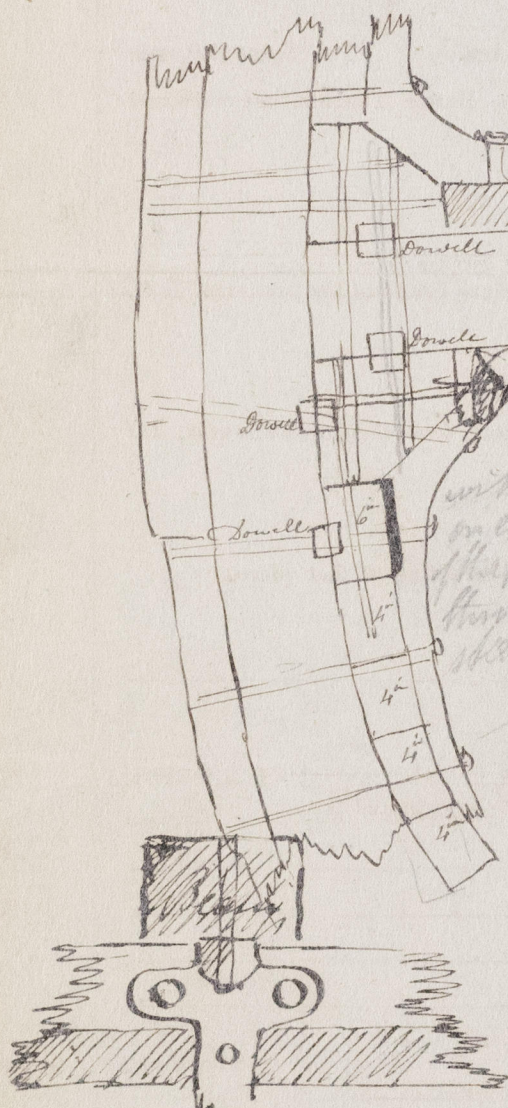
She has one Long Boat and two others

The present state of the Windlass is See Capstan good and Rudder good

Eyzack & Robinson

# General Remarks—Statement and Date of Repairs.

The Beams of this vessel are secured as shown in the Sketch below. She has besides 17 Pairs of diagonal Plates extending from the upper deck shelf to the thick stuff at the Floor Heads and bolted through the shelves & lower deck Waterway and through every timber they cross. Deck stanchions in the Poop and Forecastle—



The upper Deck secured in the same manner excepting the stanchions. The Iron Ranging have each a double dog upon the shelf.

The keel is framed with all floors having a long & short arm alternately giving the same shift as the rest of the Frame.

The Blackstrakes and <sup>upper strakes of</sup> frames are bolted together up and down with bolts 2 1/2 inches.

The Blackstrakes & frames bolted together with bolts 2 1/2 inches apart.

If Sheathed, Doubled, or Felted,

and Date when last done

And See of opinion this Vessel should be Classed 12A

The Amount of the Fee.....£ 5: 5: is received by me, See

Committee Minute

Character assigned

19 March 1834

A 1 for 12 Years



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