

No. 2324 Survey Field at Bristol Date 12 August 1857
on the Barque "Peter Symons" Master Robert James Legg
Tonnage Old Built at Bristol When built 1856/1857 Launched July 1857
By whom built 100 Messrs Symons & Beau Owners Peter Symons
Port belonging to Bristol Destined Voyage Bristol to Valparaiso
Surveyed while Building, Afloat, or in Dry Dock while building & at present in dry dock

Length aloft	Feet.	Inches.	Extreme Breadth Outside	Feet.	Inches.	Depth of Hold	Feet.	Inches.
132	3		25	2		16	4	
Scantlings of Timber.			Thickness of Plank.					
Timber and Space			Outside.			Inside.		
Floors			Garboard Strakes			Limber Strakes		
1st Foothooks	9	9 1/2	Garboard to Bilge			Bilge Planks		
2nd Ditto	8 1/2	8 1/2	Bilge Planks			Ceiling in Flat		
3rd Ditto	7 1/2	7 1/2	Bilge to Wales			Ditto Bilge to Clamp		
Top Timbers	14	14 1/2	Wales			Hold Beam Clamps		
Deck { N° 20 Average Space 3f. 8in }	9	8 1/2	Topsides			Deck Beam Ditto		
Beams { 3 raised deck beams }	9	8 1/2	Sheer Strakes			Ceiling 'twixt Decks		
Deck Beams, length amidships	23f		Plank Sheers			Hold Beam Shelves		
Hold { N° 14 Average Space 1f. 8 3/4in }	11	11	Water { Upper Deck }			Deck Beam Ditto		
Beams { 8 raised deck beams }	11	11	Ways { Lower Deck }					
Hold Beams, length amidships	23f 8		Upper Deck					
Keel	12 1/2	12 1/2						
Scarphs of Ditto	6f 1/2	5f 4						
Keelsons	14 1/2	13 1/2						
Scarphs of Ditto	6f 1/2	6f 1/2						

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	Inches in Ship.	Inches required per Rule.
Scarphs of Keel N° 6	1 1/8	1 1/8	Arms of Hooks	1 1/8	1 1/8	Waterway	1	1
Keelson Bolts through Keel at each Floor	1 1/8	1 1/8	Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	3/4	3/4	Knees	1	1
Bolts through Heels of Timbers against Deadwood	3/4	3/4	Butt End Bolts	3/4	3/4	Shelf or Clamp	1 1/8	1 1/8
			Pintles of the Rudder	2 1/2	2 1/2	Waterway	3/4	3/4
						Knees	3/4	3/4
						Shelf or Clamp	3/4	3/4
						Nails or Bolts in Flat of Deck	1 1/2	1 1/2
						Treenails	1 1/2	1 1/2

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 2 Inches. The Space between the Top-Timbers is 3 1/2 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 English Oak
The Shifts of the First and Second Foothooks are not less than 3f. 10 N. B. When less than prescribed by the Rule, state how many.
The rest of the Shifts of the Frame are good
The Frame is squared from the First Foothook Heads upwards, and free from sap, and from thence downwards, the frame is well squared

The alternate Frames are 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 3 of the entire moulding at that place.
The Frame is chocked with a Butt at each end of the chock.

The Main Keelson is English Oak and free from all defects. The Main piece of Rudder is English Oak
The Stem, and Stern Post, consist of English Oak The Main piece of Windlass is English Oak
Hawse Timbers of English Oak Deadwood, of English Oak and are free from all defects.

The Deck and Hold Beams consist of English Oak The Breasthooks of English Oak The Knees of Oak
Planking Outside.—From the Keel to the Height defined in Note to Table A } the Plank is English Oak
or to the First Foothook Heads }

From the above named Height to the Light Water Mark English Oak
From the Light Water Mark to the Wales English Oak
The Wales and Black-strakes are English Oak & Seal Oak
The Sheer-strakes and Plank-sheers English Oak
The Decks Yellow Metal Fastenings
The Shifts of the Planking are not less than 3f. 10 Feet Inches. State of good
N. B. If less than prescribed by the Rule, state whether general or partial, and if partial, in what part of the Ship.

Planking Inside.—The Limber-strakes and Bilge-strakes are English Oak
The Ceiling, Lower Hold, and between Decks English Oak Shelf Pieces and Clamps English Oak
Fastenings.—To Hold Beams Eight pairs of Hanging Nails and Lodging Nails in each Beam space

Deck Beams One pair of Hanging Nails to each Beam and Lodging Nails in most spaces

Number of Breasthooks Four Pointers One pair Crutches One
Butts End Bolts are of Yellow Metal in the Bottom, and one Bolt in each Butt End through and clenched.

Bilge and Limber Strakes Yellow Metal bolted through and clenched. Treenails of English Oak How Made Turned
Thickstuff over Double Floors bolted through and clenched. General Quality of Workmanship Substantial

We certify that the above is a correct description of the several particulars therein given
Builder's Signature Peter Symons Surveyor's Signature Thomas Douglas

BR580-213

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

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.		
N ^o .			Fathoms.	Inches.	N ^o .	Weight.
<u>One</u>	Fore Sails,	Chain	<u>240</u>	<u>1 3/8</u>	Bower,	<u>3</u> <u>16.0.0</u> Patent
<u>Complete</u>	Fore Top Sails,	Hempen Stream Cable	<u>90</u>	<u>1 1/2</u>		<u>16.0.0</u> Common
<u>Suit</u>	Fore Topmast Stay Sails,	Hawser	<u>90</u>	<u>6</u>	Stream,	<u>1</u> <u>6.0.0</u>
	Main Sails,	Towlines	<u>90</u>	<u>4 1/2</u>		
	Main Top Sails,	Warp			Kedge,	<u>2</u> <u>2.1.22</u>
and <u>Spare</u>		All of <u>Good</u> quality.				<u>1.1.27</u>

Her Standing and Running Rigging Almops sufficient in size and Good in quality.

She has One Long Boat and olly & Gey

The present state of the Windlass which is Good Rudder Good Pumps two cast 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

2nd. When the Beams are put in, &c.

3rd. { When completed, and before the plank be painted or payed }

Specially Surveyed

This vessel was built under the Special Survey of the late Mr Wood, and at present specially surveyed in accordance with Secretary's instructions dated 12 July 1859. The discrepancies found in this vessel by Mr Martin while building, as set forth in his Report to the Committee of November 30th 1856, the copy of which is enclosed, have been attended to by the Builder as follows:— The requisite fairing surface of upper deck Waterway was given, by trimming off the upper edge of clamps before the beams were put in. The spirketting found too thin has had a plank of 3/4 worked against it. The broken and defective plank in stold beam clamp and ceiling appear to have been renewed. The row has 14 planks in Wales, 8 on St side and 6 on Port side renewed with English Oak and Teak in consequence of defects and furens, and all the fastenings passing through them renewed. 12 pairs of Iron Riders fitted on ceiling as compensation for the stephating, and extending downwards sufficiently to take two bolts in floors, through bolted and clenched with Yellow Metal bolts 1/8 in. Caulked from Yellow Metal (which was put on over felt in July 1857) to gunwale. The Materials and fastenings are equal to Rules. Workmanship Substantial. Materials good. Ground tackle completed as above.

The frames planing & fastenings being equal to Rules, the recommendations contained in Mr Martin's Report complied with, and the vessel being as far as can be seen free from defects and well bound with Stems & Riders, and Yellow Metal bolted in accordance with Sect 46 to the entire exclusion of Iron bolts, appear now to entitle her to the consideration of the Committee for the 13th Al grade from the date of her build.

Survey if to be marked ✕

Present condition of Caulking of Bottom, Good Deck, Good and Waterways Good

Not Sheathed, Doubled, Felted, or Coppered Yellow Metatted When last done July 1857

we are of opinion this Vessel should be Classed _____

The Amount of the Fee.....£ 4 : : is received by me,

Special£ 19 : 1 :

Certificate£ required

Committee's Minute 16th Augst 1859

Character assigned 1 for 13 years

with the mark ✕

Thomas Congdon
Henry Wynne
I concur in the recommendation above, but beg leave to suggest that she be not allowed the mark ✕ in the Register Book
Aug 16/59 J. A. Martin