

No. 13371 Survey held at London Date Feb 10 to May 1 184 7
Round Planned on the Ship Refus Master Sn^r Ward
 Tonnage 109 441 Built at Not known When built
 By whom built A Prince Haver Owners Sn^r Ward & Capt. J. C.
 Port belonging to London Destined Voyage Tow
 If Surveyed Afloat or in Dry Dock In Port of Light House Dock, Bermondsey

Custom House Dimensions	Feet, (Inches)	Feet, (Inches)	Feet, (Inches)
Length aloft	77 ¹ / ₄	Extreme Breadth	20 ⁰ / ₀
Depth of Hold	10 ⁰ / ₀	Thickness of Plank	
Scantlings of Timber.		Thickness of Plank.	
Timber and Space	each 22	Outside.	Inside.
Floors	7 Moulded 9 ¹ / ₂ 0	Keel to Bilge	2 ¹ / ₂
1 st Foothooks	6 ¹ / ₂ 6 ¹ / ₂	Bilge Planks	4 ¹ / ₂
2 nd Ditto	5 ¹ / ₂ 6	Bilge to Wale	2 ¹ / ₂
3 rd Ditto	6 ¹ / ₂ 6 ¹ / ₂	Wales	5 ¹ / ₂
Top Timbers	6 ¹ / ₂ 6 ¹ / ₂	Top Sides	3 ¹ / ₂
Deck Beams	7 ¹ / ₂ 6	Sheer Strakes	3 ¹ / ₂
Hold Beams	10 5 5	Plank Sheers	3
Keel	11 11	Water-Ways	9 ¹ / ₂ 6
Kelsons	11 11	Upper Deck	2 ¹ / ₂
		Deck Beam Ditto	2 ¹ / ₂

Size of Bolts in Fastenings, distinguishing whether Iron or Copper or Iron.

Heel-Knee, and Dead Wood abut 1 ¹/₂ Bolts thro' the Bilge and Foot Waling 1 ¹/₂ Hold Beam 1 ¹/₂
 Scarphs of Keel N^o Bolt End Bolts 1 ¹/₂ Deck Beam 1 ¹/₂
 Floor Timber Bolts 1 ¹/₂ Lower Pintle of the Rudder 1 ¹/₂
 Kelson ditto 1 ¹/₂ of sufficient size
 Transoms and throats of Hooks 1 ¹/₂
 Arms of Hooks 1 ¹/₂

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

Knight Heads, Hawse Timbers, of Larch and are fairly free from all defects.
 The Floors and first Foothooks are composed of Larch Timber.
 The other Foothooks and Top Timbers of W^h except the head which is oak and the keel which is oak.
 The Shifts of the first and second Foothooks are not less than 1 ¹/₂ N. B. When less than prescribed by the Rule, state how much.
 The rest of the Shifts of the Frame are 1 ¹/₂
 The Frame is well squared from the first Foothook Heads upwards, and free from sap, and from thence downwards, the frame is oak
 The Miscellaneous Frames are oak bolted together. N. B. If not, state how bolted.
 The Butts of the Timbers are close together; their thickness not less than 1 ¹/₂ of the entire moulding at that place.
 The Frame is chocked with Butt at each end of the chock. Square heads and heels
 The Main Kelson is composed of Larch and the False Kelson of American Elm
 The Scarphs of the Kelsons are not less than 1 ¹/₂ feet 1 ¹/₂ inches.
 The Deck and Keel Beams are composed of Larch

Planking Outside. From the Keel to the first Foothook Heads the Plank is composed of Red Pine Fir & American Elm
 From the first Foothook Heads to the Light Water Mark of now new
 From the Light Water Mark to the Wale's of now new
 The Wale's and Plank are of oak all round the ship, except the after which is original Larch
 The Sheer-strakes and Plank sheers of oak all round the ship, except the after which is original Larch
 The Decks of Larch State of good for class recommended
 The Shifts of the Planking are not less than 1 ¹/₂ Feet 1 ¹/₂ 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 fairly shifted between

Planking Inside. The Lumber-strakes are composed of Red Pine and the Bilge Planks of Red Pine
 The Ceiling, Lower Hold, of Larch Between Decks of Larch
 Shelf Pieces of Larch Clamps of Larch

Fastenings. To Hold Beams
 Deck Beams of Oak from keel to each alternate Beam end, four pairs of
from the first to the last, and a pair of four beams almost each rigging, also thick
 Number of Breasthooks of wood and two from keel to each alternate Beam end, four pairs of
 Butts End Bolts are of iron in the Bottom, and a Bolt in each Butt End through and clenched.
 Bilge and Footwaling are of oak bolted through and clenched.
 General Quality of Workmanship good for class recommended

We certify that the preceding is a correct description of the above-named Vessel.
 Builder's Signature J. C. Martin Surveyor's Signature J. C. Martin

