

No. try London Survey held at Gt Yarmouth Date May 13th 1861 2394
 on the Barque "Harmony" Master John White
 Tonnage Old Built at Gt Yarmouth When built 1861 Launched April 24th
New 257 $\frac{27}{100}$
 By whom built Fellows & Son Owners _____
 Part belonging to London Destined Voyage Labrador
 If Surveyed while Building, Afloat, or in Dry Dock While building

Length aloft	Feet.		Inches.		Extreme Breadth Outside	Feet.		Inches.		Depth of Hold	Feet.		Inches.		
	10.2	2/10	24 1/2	24 1/4		25	6	15	7/10						
Scantlings of Timber.															
TIMBER AND SPACE															
Floors	10 1/4	11	12	9 1/2	10 1/4	10 1/4	8 3/4			Garboard Strakes	4	3 1/4	Limber Strakes	3 1/2	3 1/2
1 st Foothooks	9 1/4	12	9 1/2	-	8 3/4	-	-			Garboard to Bilge	3 1/4	3 1/4	Bilge Planks 4. 2.	3 1/2	3 1/2
2 nd Ditto	8 3/4	9	9	-	8	-	-			Bilge Planks 4. strakes	5 3/4 x 4	3 1/4	Ceiling in Flat	2 3/4	2 3/4
3 rd Ditto	8	8 1/4	-	-	7 1/4	-	-			Bilge to Wales	3 1/4	"	Ditto Bilge to Clamp	2 3/4	2 3/4
Top Timbers	8	-	6	-	7 1/4	-	5 3/4			Wales 7. strakes	4 to 6	1 1/2	Hold Beam Clamps	3 1/2	3 1/2
Deck Beams	N ^o 22 Average Space } 4 feet		9	9 1/4	7 1/4	8 1/2	8 1/2	7		Topsides	3 1/2	3 1/2	Deck Beam Ditto	3 1/4	2 3/4
Deck Beams, length amidships	23 - 6									Sheer Strakes	3 1/2	"	Ceiling 'twixt Decks	2 1/4	2 1/4
Hold Beams	N ^o 13 Average Space } 8 x 4 feet		12	12	10 1/4	11 1/4	11 1/4	9 1/2		Plank Sheers	3 1/4	3 1/4	Hold Beam Shelves		
Hold Beams, length amidships	23 ft 7 in									Water-Ways	Upper Deck 11 x 5 1/2	8 1/2 x 7	Deck Beam Ditto	11 x 6 1/2	8 1/2 x 7
Keel	12	15	15	11 3/4	11 3/4	11 3/4				Lower Deck	11 x 6 x 4				
Scarphs of Ditto	6 ft	2		5 ft	2					Ditto, faying surface against Timbers	5 1/2	5 1/2			
Keelsons	14 1/2	16	14 x 16	12 3/4	12 3/4	12 3/4				Upper Deck	3 1/8	3			
Scarphs of Ditto	6 feet				5 ft	10									

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

	Copper	Inches	Iron	Inches		Copper	Inches	Iron	Inches		Copper	Inches	Iron	Inches
Heel-Knee, and Deadwood abaft	1 1/4	1 1/2			Transoms and throats of Hooks	1	1			Hold Beam Bolts in				
Scarphs of Keel N ^o 10	7/8	7/8			Arms of Hooks	7/8	7/8			Knees	1 1/2 x 7/8	1 1/2	1 1/2	1 1/2
Keelson Bolts through Keel at each Floor	1/16	1			Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	3/4	3/4			Shelf or Clamp	7/8	1 1/4	1 1/4	1 1/4
Bolts through Heels of Timbers against Deadwood	3/4				Butt End Bolts	1 1/16	1 1/16			Waterway	1 3/16	1 3/16	1 3/16	1 3/16
					Pintles of the Rudder	2 1/2	2 1/2			Knees	1 1/4	1 1/4	1 1/4	1 1/4
										Shelf or Clamp	1 3/16	1 3/16	1 3/16	1 3/16
										Nails or Bolts in Flat of Deck	Gal: 8 iron			
										Treenails	1. 4. Inches English Oak			

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 1 1/2 x 1 1/2 Inches. The Space between the Top-Timbers is 2 1/2 x 2 1/2 Inches.

The Floors consist of Eng: Oak The First Foothooks of Eng: Oak
 The Second Foothooks of Eng: Oak The Third Foothooks and Top Timbers of Eng: Oak
 The Shifts of the First and Second Foothooks are not less than 3 ft 7 in. N. B. When less than prescribed by the Rule, 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 well squared

The alternate Frames are all 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 1/3 of the entire moulding at that place.

The Frame is cross chocked with a Butt at each end of the chock. The Main piece of Rudder is English Oak

The Main Keelson is Greenheart & Eng: Oak and — free from all defects. The Main piece of Windlass is Iron

The Stem, and Stern Post, consist of English Oak The Transoms, Aprons, Knight Heads, and Hawse Timbers of English Oak & Teak Deadwood, of English Oak and are — free from all defects.

The Deck and Hold Beams consist of English Oak The Breasthooks of Eng: Oak & Iron The Knees of Iron

Planking Outside.—From the Keel to the Height defined in Note to Table A } the Plank is American & English Elm
 or to the First Foothook Heads }

From the above named Height to the Light Water Mark English Oak & Teak

From the Light Water Mark to the Wales English Oak & Teak

The Wales and Black-strakes are English Oak & Teak The Topsides Eng: Oak

The Sheer-strakes and Plank-sheers English Oak The Water-ways { Upper Deck Eng: Oak
 Lower Deck do & Teak

The Decks Main is Dantzig and Quarter deck Yellow Pine State of good

The Shifts of the Planking are not less than 5 Feet — 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 three between, and without step-butting

Planking Inside.—The Limber-strakes and Bilge-strakes are English Oak

The Ceiling, Lower Hold, and between Decks English Oak Shelf Pieces and Clamps Eng: Oak & Greenheart

Fastenings.—To Hold Beams Waterway, Iron lodging knees and seven pairs of Iron hanging knees.

Deck Beams Waterway and shily, lodging knees in mast rooms and hanging knees to every beam arm

Number of Breasthooks five Pointers 1 Pair of Iron Crutches one

Butts End Bolts are of Y. Metal in the Bottom, and one Bolt in each Butt End through and clenched.

Bilge and Limber Strakes are bolted through and clenched. Treenails of English Oak How Made turned

Thickstuff over Double Floors bolted through and clenched. General Quality of Workmanship good

We certify that the above is a correct description of the several particulars therein given

Builder's Signature Henry Fellows & Son Surveyor's Signature Thos. W. Pearson

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

23945 Low

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.	
N ^o .			Fathoms. Inches.	N ^o .	Weight.
2	Fore Sails,	Chain	200 1/4	Bower,	2 17.2.0
2	Fore Top Sails,	Hempen Stream Cable	70	Stream,	1 16.2.0
2	Fore Topmast Stay Sails,	Hawser <u>chain</u>	60 3/4		
1	Main Sails,	Towlines	90 6		
2	Main Top Sails,	Warp	90 4 1/2		
and a single suit of others		All of <u>best</u> quality.	90 3	Kedge,	2 3.0.0

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

She has one Long Boat and two other boats

The present state of the Windlass is Patent Capstan double wind Rudder good Pumps 2 of Iron

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 }
	<u>27th July 1860</u>	<u>15th Oct 1860</u>	<u>9th March 1861</u>

This vessel has a raised quarter deck nineteen inches high she is likewise doubled eleven strakes below the wales with 2 1/2 inch English oak over felt and is fastened with yellow metal or copper (excepting the nails of the flat of upper decks to the entire exclusion of iron as per Rule Section 46

Thos. McWain
H Fellows & Son

Present condition of Caulking of Bottom, - Deck, - and Waterways good where tested
If ~~Sheathed~~, Doubled, Felted, or Coppered Males to bilges When last done now

I am of opinion this Vessel should be Classed _____
The Amount of the Fee.....£ 3 : - : - is received by me,

Special£ 4 : 4 : - } 28/5/61
Certificate£ - : - : -

Committee's Minute 24th May 1861

Character assigned 1 for 13 Years

