

No. 242 Survey held at Newhaven Date Jan. 23 March 21 June 22 Aug. 10 Nov. 2 Rec. 13/1/57 Final 11 Jan. 1956
on the Barge Lewes Master William P. Bennett 1855-
Tonnage Old 275 Built at Newhaven When built 1755 Launched 11 Dec 1855
By whom built Mrs. Susannah C. Gray Owners Messrs. Chatfield & Co
Port belonging to Newhaven Destined Voyage Mediterranean
If Surveyed while Building, Afloat, or in Dry-Dock

Length aloft	Feet. 123	Inches.	Extreme Breadth Outside	Feet. 23	Inches. 210	Depth of Hold	Feet. 14	Inches. 710
Scantlings of Timber.								
TIMBER AND SPACE		Inches.				Thickness of Plank.		
Floors	sided	23 1/2				Outside.	Inches.	Inside.
1st Foothooks	"	9 1/2	Moulded	9 1/2	8 1/2	Garboard Strakes	3	Limber Strakes
2nd Ditto	"	8 1/2	"	8 1/2	8	Garboard to Bilge	3	Bilge Planks
3rd Ditto	"	7 1/2	"	8	7 1/2	Bilge Planks	4	Ceiling in Flat
Top Timbers	"	7	"	7	7	Bilge to Wales	3	Ditto Bilge to Clamp
Deck Beams N° 25 } Average } 3 to 4 feet	"	7	"	6 1/2	5	Wales	4	Hold Beam Clamps
Deck Beams, length amidships. } 2 1/2 feet	"	8	"	8	6 3/4	Topsides	3 1/2	Deck Beam Ditto
Hold Beams N° 10 } Average } 2 feet	"	10 1/2	"	10 1/2	9	Sheer Strakes	3 1/2	Ceiling 'twixt Decks
Hold Beams, length amidships } 2 1/2 feet	"	10 1/2	"	11		Plank Sheers	3	Hold Beam Shelves
Keel 4 lengths the breadth & amidships beam	"	12 1/4	"	12		Water-Ways { Upper Deck	7 by 9	Deck Beam Ditto
Scarp of Ditto 5 feet 6 inches	"		"			{ Lower Deck	5 1/2 by 11	
Keelsons 5 lengths the breadth & amidships beam	"		"			Upper Deck	3	
Scarp of Ditto 5 feet 6 inches	"		"					

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 1/2	Transoms and throats of Hooks		1	Hold Beam Bolts in	Waterway	3/4
Scarp of Keel.....No. 7	3/4	1 1/2	Arms of Hooks		1/2		Knees	1 1/4
Keelson Bolts through Keel at each Floor		1 1/2	Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors		3/4	Deck Beam Bolts in	Waterway	3/4
Bolts through Heels of Timbers against Deadwood		3/4	Butt End Bolts		1/4		Knees	3/4
			Pintles of the Rudder		2 3/4	Nails or Bolts in Flat of Deck		1/2
						Treenails 1 1/4 inches		5/8

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 2 Inches. The Space between the Top-Timbers is 3 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 3 feet 6 inches N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are 3 feet 6 inches

The Frame is fairly squared from the First Foothook Heads upwards, and fairly 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 generally close together; their thickness not less than 1/3 of the entire moulding at that place.

The Frame is 6 2000 choiced with sliver dots at each end of the choick. The Main Keel is Beech & Amer. Elm

The Main Keelson is English oak and free from all defects. The False Keelson is Amer. Elm

The Stem, and Stern Post, consist of English oak The Transoms, Aprons, Knight Heads, and

Hawse Timbers of English oak Deadwood, of above 20 inches English oak and are free from all defects.

The Deck and Hold Beams consist of Baltic Fir The Breasthooks of Ron & English oak The Knees of Ron

Planking Outside.—From the Keel to the Height defined in Note to Table A, or to the First Foothook Heads, the Plank is Beech & Amer. Elm

From the above named Height to the Light Water Mark Beech & Baltic Fir

From the Light Water Mark to the Wales Baltic Fir & English oak

The Wales and Black-strakes are Baltic Fir & English oak The Topsides Baltic Fir & English oak

The Sheer-strakes and Plank-sheers English oak The Water-ways { Upper Deck Red Pine & English oak

The Decks Baltic Fir & Yellow Pine Lower Deck Baltic Fir & English oak

The Shifts of the Planking are not less than Five Feet inches State of good

or partial, and if partial, in what part of the Ship. N. B. If less than prescribed by the Rule, state whether general

The Planking is wrought Three between, and without step-buttling.

Planking Inside.—The Limber-strakes and Bilge-strakes are Baltic Fir

The Ceiling, Lower Hold, and between Decks Baltic Fir Shelf Pieces and Clamps Baltic Fir & English oak

Fastenings.—To Hold Beams socketed into the shelf & a hanging Ron knee to each beam end Ron Lodging knee in each Mast Ron

Deck Beams socketed into the shelf, and an iron hanging knee to each beam end, with Ron Lodging knee in each Mast & Ron

Number of Breasthooks 10 English oak Pointers English oak Crutches English oak

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

Bilge and Limber Strakes are bolted through and clenched. Treenails of English oak How Made turnee

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

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

Builder's Signature _____ Surveyor's Signature _____

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SOV894-0123

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.	
Free Sail	2	Fore Sails,	Chain	90	1 $\frac{1}{4}$	Bower,	13" 2" 0	
	2	Fore Top Sails,	Hemp Stream Cable	75	$\frac{7}{8}$		13" 2" 0	
	2	Fore Topmast Stay Sails,	Hawser	70	2 $\frac{1}{2}$	Stream,	12" 2" 0	
	1	Main Sails,	Towlines	70	5 $\frac{1}{2}$		4" 2" 0	
	1	Main Top Sails,	Warp	75	4 $\frac{1}{2}$	Kedge,	2" 2" 0	
			All of <u>good</u> quality.	20	3 $\frac{1}{2}$		1" 2" 0	
and								

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

She has one Long Boat and one Tolly Boat and one other Boat

The present state of the Windlass is Patent Capstan Double Rudder good Pumps Two

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	<u>4th January 1855</u>
	2nd.	When the Beams are put in, &c.	<u>21st June</u>
	3rd.	{ When completed, and before the plank be painted or payed }	<u>10th November</u>

Part of the keel has been shifted in this vessel to improve the shifts between the Scarph of the keel and Scarph of the keelson; the vessel is well found in stores &c; this vessel was launched in December but not Registered until the 12 January 1856

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

If Sheathed, ~~Doubled, Felted, or Coppered~~ with Zinc When last done January 1856

I am of opinion this Vessel should be Classed A. 1. Seven Years

The Amount of the Fee.....£ 3 : 0 : 0 is received by me,

Special£ : :

Certificate£ : 5 : 0

Committee's Minute 15th January 1856

Character assigned for 7 years



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