

No. 1005 Survey held at Sunderland Date June 1838  
on the Bk. 22 Engine Master  
Tonnage 423 Built at Sunderland When built 1838  
By whom built R May Owners  
Port belonging to Destined Voyage America for sale without name  
If Surveyed Afloat or in Dry Dock Building

Length aloft... 110 Feet 10 Inches Extreme Breadth... 28 Feet 6 Inches Depth of Hold... 19 Feet 7 Inches

#### Scantlings of Timber.

Timber and Space	each	inches	inches	inches
Floors	sided	14	11	
1 <sup>st</sup> Foothooks		11	9	
2 <sup>nd</sup> Ditto		10	9	
3 <sup>rd</sup> Ditto		9	7	
Top Timbers		8	5	
Deck Beams	Number of 22	10	10	1
Hold Beams	Do. do. 16	12	12	10
Keel		13	11	
Kelsons		14	17	

#### Thickness of Plank.

Outside.	inches	Inside.	inches
Keel to Bilge	3 1/2	Foot Waling	4
Bilge Planks	4 1/2	Bilge Planks	4
Bilge to Wales	3 1/2	Ceiling in Flat	3
Wales	5	Ditto Bilge to Clamp	3 1/2
Topsides	3	Hold Beam Clamps	4 1/2
Sheer Strakes	4	Deck Beam Ditto	3 1/2
Plank Sheers	3 1/2	Ceiling 'twixt Decks	2 1/2
Water-ways	5 1/2	Hold Beam Shelves	12 1/2
Upper Deck	3	Deck Beam ditto	-

#### Copper.

Heel-Knee, and Dead Wood abaft... 1/2  
Scarp of Keel... N° 1/2  
Floor Timber Bolts... 1/2  
Kelson ditto... 1/2  
Transoms and throats of Hooks... 1/2  
Arms of Hooks... 1/2

#### Size of Bolts in Fastenings.

##### Copper.

Bolts thro' the Bilge and Foot Waling... 1/2  
Butt End Bolts... 1/2  
Lower Pintle of the Rudder... 1/2

##### Iron.

Hold Beam... 1  
Deck Beam... 1/2  
same in Iron above the Copper...

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 163 Inches. The Space between the Top-timbers is 455 Inches. The Stem, Stern Post, Transoms, Aprons, Knight Heads, Hawse Timbers, are composed of Afric and Eng Oak and are free from all defects.

of English Oak Timber.

not less than 4 1/2 by 4 1/2 N.B. When reported by you less than the prescribed Rule,

then state how many.

The rest of the Shifts of the Frame are good

The Frame is well squared from the first Foothook Heads upwards, and well free from sap, and from thence downwards, the frame is generally well squared

The alternate Frames are bolted together.

The Butts of the Timbers are all close together; their thickness not less than 1/4 of the entire moulding at that place.

The Frame is well chocked with a Butt at each end of the chock.

The Main Kelson is composed of Afric Oak and the False Kelson of Amer Oak

The Scarphs of the Kelsons are not less than 6 feet inches, dovetailed

The Deck and Hold Beams are composed of Afric and Eng Oak well squared generally

**Planking Outside.**—This Vessel's Plank from the Keel to the first Foothook Heads is composed of Amer Oak

From the first Foothook Heads to the Light Water Mark of Afric and Foreign White Oak

From the Light Water Mark to the Wales of Afric and Eng Oak

The Wales and Black-strakes are of Afric and Eng Oak

The Topsides of Afric Oak

The Sheer-strakes of Afric Oak Decks, and state of, Yellow pine

The Gunwales of Afric and Eng Oak Water-ways of Pitch Pine & Red pine

The Shifts of the Planking are not less than 5 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 Afric and Eng Oak The Planking is wrought nearly up to between the Stringers of Afric Oak

The Bilge Planks of Afric and Eng Oak and the remainder of the Ceiling of Afric and Eng Oak

**Fastenings.**—To Hold Beams 100 Stanchions, 100 Springers on top (dovetailed) and 13 Iron hanging knees each side

Deck Beams One Wood Leger Knee and one Iron hanging knee; also 2 Waterways dovetailed

Number of Breasthooks 100 Pointers 100 Crutches also on each side and 2 Iron hanging knees each side

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

Bilge and Footwaling is 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 R May

Surveyor's Name John Brinkley



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

She has SAILS.			CABLES, &c.		ANCHORS.	
N <sup>o</sup> .		Fathoms.		Inches.	N <sup>o</sup> .	
2	Fore Sails,	240	Chain .....	1 3/8	3	Bower, 20 : 19 : 18
1	Fore Top Sails,	75	Hempen Stream Cable .....	8 3/4	1	Stream, 5 1/4
2	Fore Topmast Stay Sails,	75	Hawser .....	7 1/2	1	Kedge, 2
1	Main Sails,	80	Towlines .....	6		All of proper weight.
2	Main Top Sails,	80	Warp .....	4 1/2		
and <u>Supp. in other sail</u>			All of <u>good</u> quality.			

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

She has One Long Boat and 2 other Boats

The present state of the Windlass is good Capstan Supp and Rudder St. Braen Supp  
with extra purchase

### General Remarks—Statement and Date of Repairs.

Frame generally of well grown and healthy quality. all well brought and shifted  
a very few timbers are rather shaky: Dead Wood here thin throat rather supple.  
a few planks wearing caps. but of good scantling: Top timbers properly scarphed on  
2<sup>d</sup> heads: End lower Hooks short in the arms. but this deficiency is made up  
by applying 2 long iron diagonal knees or Riven which run from Head Beam down  
between the Hooks

Quality of planking good throughout. well brought and shifted and  
well chand of Sap: 3 or 4 Scarphs off Butts 4 by 6 long: Success of Bay Plate  
(Sagin Ironed)

(Using plank good in quality well seasoned: Shifted jelly 3 between  
Scarphs jelly 5 ft.

Beams, knees &c. well fitted securely fastened

1 (Commenced building in June 1836: Launched May 1838 like Shewp as follows  
30 1836 31 1837 4 27 9 16 7 1838  
6 10 1 3 5 7 11 1/5

Wood in frame to season: and when finished ready for caulking: Store full 2 mo  
also when completed Store 2 mo: Is a well seasoned vessel

If Sheathed, Doubled, or Felted, \_\_\_\_\_

and Date when last done \_\_\_\_\_

And I am of opinion this Vessel should be Classed \_\_\_\_\_

The Amount of the Fee.....£ 5 : 5 : - is received by me, N. Little 13/8/38

Committee Minute 17 August 1838

Character assigned 10 A1