

No. 1122 Survey held at Sunderland Date October 1838 1122
 on the S^o Martindale Master J. Heppel
 Tonnage 233 Built at Sunderland When built 1838
 By whom built Davey & Co. Owners W. H. & C. H. Heppel
 Port belonging to Sunderland Destined Voyage London
 If Surveyed Afloat or in Dry Dock Building

Length aloft.....84 Feet. 10 Inches. Extreme Breadth25 Feet. 10 Inches. Depth of Hold15 Feet. 10 Inches.

Scantlings of Timber.

	Inches.	Inches.	Inches.
Timber and Space..... each	2.13		
Floors..... sided	10.11	Moulded	12 9
1 st Foothooks.....	8.9.10		8 2
2 nd Ditto.....	8.9.10		8
3 rd Ditto.....	8.9		7
Top Timbers.....	7.8		4 2
Deck Beams..... Number of..18.....	8 2		8 5
Hold Beams..... Do.....do.....10.....	10		10 8
Keel 3. <u>Engl. Oak</u>	10		9
Kelsons.....	11		25

Thickness of Plank.

Outside.	Inches.	Inside.	Inches.
Keel to Bilge.....	3.2 2	Foot Waling.....	3
Bilge Planks.....	4	Bilge Planks.....	4
Bilge to Wales.....	3.2 2	Ceiling in Flat.....	3.2 2
Wales.....	4	Ditto Bilge to Clamp.....	2 2
Topsides.....	2 2	Hold Beam Clamps.....	4
Sheer Strakes.....	3	Deck Beam Ditto.....	3
Plank Sheers.....	3	Ceiling 'twixt Decks.....	2 2
Water-ways.....	4.3	Hold Beam Shelves.....	9 6 4
Upper Deck.....	3	Deck Beam ditto.....	11 6 3

Size of Bolts in Fastenings.

Copper.	Inches.	Copper.	Inches.	Iron.	Inches.
Heel-Knee, and Dead Wood abaft.....	1	Bolts thro' the Bilge and Foot Waling.....	3/4	Hold Beam.....	1 1/8
Scarp of Keel..... N ^o 8	3/4	Butt End Bolts.....	1/2	Deck Beam.....	3/4
Floor Timber Bolts.....	1/2	Lower Pintle of the Rudder.....	2 2		
Kelson ditto.....	1.15				
Transoms and throats of Hooks.....	1				
Arms of Hooks.....	1/2			same in Iron above the Copper.....	

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 14.4 Inches. The Space between the Top-timbers is 4.5.6 Inches. The Stem, Stern Post, Transoms, Aprons, Knight Heads, Hawse Timbers, are composed of Engl. Oak and are genu free from all defects.

Her Floors and first Foothooks are composed of Engl. Oak Timber.

Her other Foothooks and Top Timbers of Engl. Oak

Her Shifts of the first and second Foothooks are not less than 3/4 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 fairly squared from the first Foothook Heads upwards, and not free from sap, and from thence downwards, the frame is generally well squared

The alternate Frames are not bolted together. every 6th

The Butts of the Timbers are — close together; their thickness not less than 1/6 of 1/4 of the entire moulding at that place.

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

The Main Kelson is composed of Amst. Oak and the False Kelson of Amst. Oak

The Scarphs of the Kelsons are not less than 7 feet — inches.

The Deck and Hold Beams are composed of Engl. Oak

Planking Outside.—This Vessel's Plank from the Keel to the first Foothook Heads is composed of Amst. Elm

From the first Foothook Heads to the Light Water Mark of Amst. Elm

From the Light Water Mark to the Wales of Amst. Oak

The Wales and Black-strakes are of Amst. Oak

The Topsides of Amst. Elm

The Sheer-strakes of Amst. Oak Decks, and state of, Amst. Elm

The Gunwales of Amst. Oak Water-ways of Amst. Oak

The Shifts of the Planking are not less than 4 Feet 6 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 Amst. Oak The Planking is wrought genu between the Stringers of Amst. Oak

The Bilge Planks of Amst. Oak and the remainder of the Ceiling of Amst. Oak

Fastenings.—To Hold Beams Four Timbers one Timber 1 Shelf above 1 below

Deck Beams Double wood timbers 1 shelf below

Number of Breasthooks Four Pointers one four one Tim Crutches 2 Timbers one each side

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

and Footwaling is bolted through and clenched.

Quality of Workmanship Excellent fair

certify that the preceding is a correct description of the above-named Vessel.

Builder's Name

Surveyor's Name

John P. Denton

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

She has SAILS.			CABLES, &c.		ANCHORS.	
N ^o .		Fathoms.		Inches.	N ^o .	
2	Fore Sails,	150	Chain	1 1/2	3	Bower, 10 1/2 - 10 1/4 10
1	Fore Top Sails,	80	Hempen Stream Cable.....	8	1	Stream, 3 3 3/4
2	Fore Topmast Stay Sails,	60	Hawser	3/4	1	Kedge, 1 1/2
1	Main Sails,	80	Towlines	5 1/2		All of proper weight.
2	Main Top Sails,	80	Warp	1 1/2		
and <u>sufficient in the South.</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 Skiff

The present state of the Windlass is good Capstan Wind S. and Rudder Shrouds all in good

General Remarks—Statement and Date of Repairs.

Frame for floors & first footwork is principally of Foreign oak port runs
from Inferior, but generally well spaced, Remains all by oak of good
quality, port runs well spaced. Tops are generally scarped in 2^d Hds, a few
Chocks given out & badly seated, Port of Transoms thin End, Scarps, upper
to them and Port runs Scarps. Frame in places aloft is well spaced, Beams
of fair quality & fairly spaced, Transoms fair and fairly spaced, Lower Hook
short runs,

Buttress & Trench planking of fair quality, fairly well kept &
fairly clear of S&H. Foreign oak plank cut from logs & fairly seasoned, Green oak
of English & French oak affixed good.

Beams, Transoms, Hook &c. fairly fitted & generally fairly bolted & clenched.

Commenced building June 1838 Launched October 1838 was surveyed at
the following dates $\frac{10}{8} : \frac{12}{8} : \frac{30}{8} : \frac{11}{9} : \frac{22}{10}$

Her general appearance is Fair

If Sheathed, Doubled, or Felted, _____

and Date when last done _____

And John of opinion this Vessel should be Classed Y A 1 John R. Denton

The Amount of the Fee.....£ 3 : 3 : - is received by me, John R. Denton 16/3/39

Committee Minute 16 March 1839

Character assigned A 1 for 7 years