

No. 5174 Survey held at Sunderland

Date 28 Jan'y

1854

on the Old Dunsmuir

Master

Tonnage Old 400
New 399

Built at Sunderland

When built 1853/4 Landed 1854

By whom built Wm. Pickersgill

Owners J.R. Dealy & Co

Port belonging to Liverpool

Destined Voyage Liverpool

If Surveyed while Building, Afloat, or in Dry Dock During building

Length aloft 121 Feet. 1 Inches. Extreme Breadth 26 Feet. 6 Inches. Depth of Hold 17 Feet. 6 Inches.

Scantlings of Timber.

Room and Space	Inches.	Inches.	Inches.
Floors.....sided	<u>12</u>	Moulded	<u>12</u>
1st Foothooks.....	<u>10 1/2</u>	"	<u>10</u>
2nd Ditto.....	<u>10</u>	"	<u>8 1/2</u>
3rd Ditto.....	<u>8 1/2</u>	"	<u>7 1/2</u> <u>5 3/4</u>
Top Timbers.....	<u>8</u>	"	<u>7 1/2</u> <u>5 3/4</u>
Deck Beams N ^o <u>25</u> Average Space <u>4 ft 2 in</u>	<u>8 3/4</u>	"	<u>8 3/4</u> <u>7 1/2</u>
Hold Beams N ^o <u>14</u> Average Space	<u>11 3/4</u>	"	<u>11 3/4</u> <u>10</u>
Keel.....	<u>13 1/2</u>	"	<u>13 1/2</u>
Keelsons.....	<u>14</u>	"	<u>15</u>
Scarphs of Ditto <u>5 ft 6 in</u>	<u>14</u>	"	<u>11</u>

Thickness of Plank.

Outside.	Inches.	Inside.	Inches.
Keel to Bilge.....	<u>3 1/2</u>	Limber Strakes.....	<u>1 1/2</u>
Bilge Planks.....	<u>4</u>	Bilge Planks.....	<u>4</u>
Bilge to Wales.....	<u>3 3/4</u>	Ceiling in Flat.....	<u>2 3/4</u>
Wales.....	<u>4 1/4</u>	Ditto Bilge to Clamp.....	<u>2 3/4</u>
Short Hoods.....	<u>3 3/4</u>	Hold Beam Clamps.....	<u>4</u>
Topsides.....	<u>3 7/8</u>	Deck Beam Ditto.....	<u>4</u>
Sheer Strakes.....	<u>3 7/8</u>	Ceiling 'twixt Decks.....	<u>2 1/2</u>
Plank Sheers.....	<u>3 3/4</u>	Hold Beam Shelves.....	<u>—</u>
Water-Ways.....	<u>4 3/4</u>	Deck Beam Ditto.....	<u>—</u>
Upper Deck.....	<u>3</u>		

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

Copper Inches.	Iron Inches.	Copper Inches.	Iron Inches.	Copper Inches.	Iron Inches.
Heel-Knee, and Deadwood abaft <u>1 3/16</u>	—	Transoms and throats of Hooks .. <u>1 1/16</u> <u>1 1/16</u>	—	Lower Pintle of the Rudder <u>2 3/4</u>	—
Scarphs of Keel.....N ^o . <u>8</u> <u>1 5/16</u>	—	Arms of Hooks <u>1 1/8</u> <u>1 1/8</u>	—	Hold Beam <u>1 1/16</u> <u>1 1/16</u>	—
Floor Timber Bolts	—	Bolts thro' Bilge & Limber Strakes <u>1 3/16</u>	—	Deck Beam	<u>7/8</u>
Kelson ditto	<u>1 1/16</u>	Butt End Bolts	<u>3/4</u>		

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 2 1/2 Inches. The Space between the Top-timbers is 5 1/2 Inches. The Stem, Stern Post, consist of English Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, and Deadwood, of English Oak and are free from all defects.

The Floors consist of Stettin Oak The First Foothooks of Stettin Oak English Oak Timber.

The Second Foothooks of English Oak The Third Foothooks of English Oak The Top Timbers of English Oak

The Shifts of the first and second Foothooks are not less than 1/7 of breadth N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are Sufficient

The Frame is fairly squared from the first Foothook Heads upwards, and literally free from sap, and from thence downwards, the frame is fairly squared & sound

The alternate Frames are bolted together to the Gunwale. N. B. If not, state how bolted.

The Butts of the Timbers are all close together; their thickness not less than 1/3 of the entire moulding at that place.

The Frame is all chocked with 2 Butt at each end of the chock.

The Main Keelson is American Oak and free from all defects. The False Keelson is American Oak

The Deck Beams consist of Stettin Oak The Hold Beams of Stettin Oak The Knees of Iron

Planking Outside.—From the Keel to the Height defined in Note to Table 2, the Plank is American Elm

From the above named Height to the Light Water Mark Elm & Stettin Oak

From the Light Water Mark to the Wales Stettin Oak

The Wales and Black-strakes are Stettin Oak The Topsides Stettin Oak

The Sheer-strakes Stettin Oak and Plank-sheers Stettin Oak The Water-ways Stettin Oak

The Decks 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 Strakes between

Planking Inside.—The Limber-strakes are Stettin Oak the Bilge Planks Stettin Oak

The Ceiling, Lower Hold, Stettin Oak Between Decks Stettin Oak

Shelf Pieces — Clamps Stettin

Fastenings.—To Hold Beams Horizontal Staple Knees & 8 Pair of Vertical Knees & 4 Pair Staple Standard Knees

Deck Beams Horizontal Staple Knees & 12 Pair of Vertical Knees

Number of Breasthooks five Pointers two Crutches One

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

Bilge and Limber Strakes 4 in & are bolted through and clenched. Treenails of English Oak How Made Circular

General Quality of Workmanship Good

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

Builder's Signature

Surveyor's Signature

Robt Fowler

Lloyd's Register Foundation

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.
<i>A single suit of sails</i>	Fore Sails,	Chain	<i>240</i>	<i>1 3/8</i>	Bower,	<i>3</i>	<i>18.3.7</i>
	Fore Top Sails,	Hempen Stream Cable	<i>75</i>	<i>8 1/4</i>			<i>18.0.0</i>
	Fore Topmast Stay Sails,	Hawser <i>Chain</i>	<i>60</i>	<i>7/8</i>	Stream,	<i>1</i>	<i>5.0.0</i>
	Main Sails,	Towlines	<i>75</i>	<i>5 3/4</i>			
	Main Top Sails,	Warp	<i>75</i>	<i>4 3/4</i>	Kedge,	<i>1</i>	<i>2.2.6</i>
and		All of <i>good</i> quality.					

Her Standing and Running Rigging *New Ropes & are* sufficient in size and *apparently good* in quality.

She has *A* Long Boat and *Quarter boat & Skiff*

The present state of the Windlass is *New* Capstan *New* Rudder *New* Pumps *New*

General Remarks—Statement and Date of Repairs.

If Sheathed, Doubled, Felted, or Coppered _____ When last done _____

I am of opinion this Vessel should be Classed *8 A 1 Robt Fowler*

The Amount of the Fee.....£ *4* : " : " is received by me,

Order No 3800 Special£ *19* : *19* : "

Certificate (~~if~~ required)£ " : " : "

Committee's Minute *3rd July 1854*

Character assigned *A 1 per S. G. H.*



© 2021

Lloyd's Register
Foundation