

No. 3635 Survey held at Burton Station Date 13th March 1866
on the Ship "Burton Station" Master Charles Warren
Tonnage under tonnage deck 335.96 Built at Burton Station When built 1866 Launched 3rd Jan'y
Ditto of poop 67.73 or spar deck 47.95 By whom built John May & Son Owners Ballard & King
Total tonnage 421 Port belonging to London Destined Voyage
If Surveyed while Building, Afloat, or in Dry Dock Special survey during building

Length as per section 39 .. <u>137</u>	Inches.	Extreme Breadth Outside .. <u>27</u>	Feet.	Inches.	Depth of Hold .. <u>14</u>	Feet.	Inches.	Number of Decks <u>One</u>
Length of Keel .. <u>143</u>								
Scantlings of Timber.								
TIMBER AND SPACE .. <u>28 1/2"</u>								
Floors .. <u>13 1/2"</u>								
1 st Foothooks .. <u>11 10 1/2"</u>								
2 nd Ditto .. <u>9 1/2 9 1/2"</u>								
3 rd Ditto .. <u>8 1/2 6"</u>								
Top Timbers .. <u>8 1/2 6"</u>								
Deck { N ^o <u>30</u> Average Space { <u>4 1/2</u> feet								
Beams { <u>9 1/2 9 1/2 7 1/4"</u>								
Deck Beams, length amidships .. <u>25 feet</u>								
Hold { N ^o <u>4</u> Average Space { <u>8 1/2</u> feet								
Beams { <u>12 12 10 11 1/4 11 1/4 9 1/4"</u>								
Hold Beams, length amidships .. <u>25 feet</u>								
Keel .. <u>13 13"</u>								
Scarphs of Ditto .. <u>6 feet</u>								
Keelsons .. <u>15 15"</u>								
Scarphs of Ditto .. <u>6 feet</u>								
Outside Plank.								
Garboard Strakes .. <u>3 3/4 3 3/4"</u>								
Garboard to Bilge .. <u>3 3/4 3 3/4"</u>								
Bilge Planks .. <u>3 3/4 3 3/4"</u>								
Bilge to Wales .. <u>3 3/4 3 3/4"</u>								
Wales .. <u>5 4 3/4"</u>								
Topsides .. <u>5 3 3/4"</u>								
Sheer Strakes .. <u>5 3 3/4"</u>								
Plank Sheers .. <u>3 1/2 3 3/4"</u>								
Water { Upper Deck <u>10x10 8 1/2 x 7 1/4"</u>								
Ways { Lower Deck <u>11x11 11 1/4 x 9 1/4"</u>								
Ditto, faying surface against Timbers .. <u>6 1/2 6"</u>								
Upper Deck .. <u>3 3"</u>								
Dimensions of Ship per Register.								
length <u>154.6</u> breadth <u>27.3</u> depth <u>14.9</u>								
Inside Plank.								
Limber Strakes .. <u>4 1/2 3 3/4"</u>								
Bilge Planks .. <u>4 1/2 3 3/4"</u>								
Ceiling in Flat .. <u>3 1/2 2 3/4"</u>								
Ditto Bilge to Clamp .. <u>3 1/2 2 3/4"</u>								
Hold Beam Clamps .. <u>5 3 3/4"</u>								
Deck Beam Ditto .. <u>5 3 3/4"</u>								
Ceiling 'twixt Decks .. <u>4 3/2 2 1/2"</u>								
Hold Beam Shelves .. <u>6 8 1/2 x 9 1/4"</u>								
Deck Beam Ditto .. <u>5 8 1/2 x 7 1/4"</u>								
Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, or Iron; also of Treenails.								
Heel-Knee, & Dead'w'd abaft .. <u>1 1/4 1 1/4"</u>								
Scarphs of Keel, N ^o <u>1</u>								
Keelson Bolts through Keel at each Floor .. <u>1 1/8 1 1/8"</u>								
Bolts thro' Heels of Timbers against Deadwood .. <u>1 1/8 7/8"</u>								
Transoms and throats of Hooks .. <u>1 1/4 1 1/4"</u>								
Arms of Hooks .. <u>1 1/4 1 1/4"</u>								
Thro' Bilge & Limber Strakes .. <u>1 1/4 1 1/4"</u>								
Thickstuff over Double Floors .. <u>1 1/4 1 1/4"</u>								
Butt End Bolts .. <u>1 1/4 1 1/4"</u>								
Pintles of the Rudder .. <u>2 3/4 2 3/4"</u>								
Hold Beam Bolts in { Waterway .. <u>1 1/4 1 1/4"</u>								
{ Knees .. <u>1 1/4 1 1/4"</u>								
{ Shelf or Clamp .. <u>1 1/4 1 1/4"</u>								
Deck Beam Bolts in { Waterway .. <u>1 1/4 1 1/4"</u>								
{ Knees .. <u>1 1/4 1 1/4"</u>								
{ Shelf or Clamp .. <u>1 1/4 1 1/4"</u>								
Nails or Bolts in Flat of Deck .. <u>3 1/2 3 1/2"</u>								
Treenails .. <u>1 1/4 1 1/4"</u>								

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 11.5 Inches. The Space between the Top-Timbers is 4.6 1/4 Inches.

The Floors consist of English & Sri German oak The First Foothooks of English oak

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 4 feet 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 well squared from First Foothook Heads upwards, and well free from sap, and from thence downwards, the frame is sound

The alternate Frames are — 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 1/4 of the entire moulding at that place.

The Frame is cross chocked with without Butt at each end of the chock. The Main piece of Rudder is English oak of Windlass is English oak

The Keel is American Elm The Main Keelson is Greenheart & English oak and — free from all defects.

The Stem, and Stern Post of English oak The Transoms, Knight Heads, Hawse Timbers,

and Aprons of English oak Deadwood, of Elm & 2 feet high and are — free from all defects.

The Deck and Hold Beams of English & German oak The Breasthooks of English oak The Knees of English oak

Planking Outside.—From the Keel to the Height defined in Note to Table A } the Plank is Battie Red pine

From the above named Height to the Light Water Mark Red pine

From the Light Water Mark to the Wales Red pine

The Wales and Black-strakes are Spanish Chestnut & German oak The Topsides & Sheer-strakes Chestnut & German oak

The Spirketting and Plank-sheers Red pine The Water-ways { Upper Deck German oak

{ Lower Deck Red pine

The Decks Yellow pine State of good

The Shifts of the Planking are not less than — 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 Red pine

The Ceiling, Lower Hold, and between Decks Red pine Shelf Pieces and Clamps German oak & Red pine

Fastenings.—To Hold Beams do rivetted to ship Waterway dowelled English oak lodging

timers at Mast Space Eight pair of Iron Treenails and four pair of

Iron hanging timers

Deck Beams do rivetted to ship Waterway dowelled to Beams English oak lodging

timers at Mast Space half Beams at Main Hatchway four beams forward and four at

aft and Iron hanging timers to every other beam

Number of Breasthooks four Pointers Be oak Crutches Iron

Butt End Bolts are of Yellow metal in the Bottom. two Bolts in each Butt End one bolt through and clenched.

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

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 John May & Son Surveyor's Signature W. Davidson

HVL394-0101

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

She has SAILS.			CABLES, &c.			ANCHORS, &c.		
N ^o .			Fathoms.	Size.	Tested to. as per Certificate.	N ^o .	Weight. Ex. Stock.	Tested to. as per Certificate.
2	Fore Sails,	Chain	240	1 3/8	34	Bower, <u>Hodgins</u>	3	17.2.18-18.15.1.7
2	Fore Top Sails,	Hampen Stream Cable ..	75	3/4				17.0.14.18.6.3.14
2	Fore Topmast Stay Sails,	Hawser	90	7				16.0.14-17.9.2.21
2	Main Sails,	Towlines	90	9		Stream,	1	2.0.26
2	Main Top Sails,	Warp	90	5 1/2		Kedge,	2	3.1.17
and <u>other as required</u>			All of <u>good</u> quality.					

Her Standing and Running Rigging one Manila & Hemp sufficient in size and good in quality.

She has one Long Boat and Life Boat & Cig

The present state of the Windlass is good Capstan Wrench Rudder good Pumps good

Order for Special Survey,

No. 87 Date 3rd April 65

DATES of Surveys held while building,

Order for Ordinary Survey,

No. _____ Date _____

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 }

Special Survey
First Survey 28th March 6
Last 13th March 66

General Remarks

Certificates for Chain cables from Lloyd's Type Publishing & Anchor Station Co. Limited
Signed Robert Barrell

Certificates for Anchors S^o

Is finished with rounded Poop, framed, planked, Beams fitted and fastened in accordance with the Rules.
This vessel is externally fastened with English oak Treenails Yellow metal bolts and clamps to the exclusion of iron from the Lower part of the keel up to the height of one fifth of the depth of hold below the upper side of the upper deck - The whole of the inside bolts with the exception of the frame bolts are of Galvanised iron
The Plank from the Gunwale down to one fifth below the upper side of upper deck also straps outside of frame with Galvanised iron.

John May & Son

By Secy of Masters

Strip of plates 4" x 5/8

The frame strapped outside in accordance with the Rules and one pair of Iron Straps fitted forward, d^o aft and extending from Deck clamp and crossing arms of Breast-hook & crutch through bolter with Yellow metal & Galvanised

W. Davidson

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

If Sheathed, Doubled, Felted, or Coppered Yellow Metal on felt When last done Jan'y 1866

I am of opinion this Vessel should be Classed 9 1/2 1

The Amount of the Fee.....£ 5 : : is received by me,

Special£ 21 : 1:

Certificate£ - : - :

Committee's Minute 20th March 1866

Character assigned 1 for 9 Years

Expenses £ 8.0.0



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