

No. 7376 Survey held at Sunderland Date Feb 19th 1862 Ref 28/2/62 7376
 on the B. "Habell Atkinson" Master Atkinson
 Old Tonnage New 339 Built at Sunderland When built 1862 Launched Feb 19th 1862
 By whom built Henry Rawson & Watson Owners Atkinson & Co
 Port belonging to Shields Destined Voyage

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

Scantlings of Timber.	Feet.		Inches.		Extreme Breadth Outside		Feet.		Inches.		Depth of Hold		Feet.		Inches.	
	Sided.	In Ship.	Moulded.	Required per Rule.	Sided.	Middle.	Ends.	Middle.	Ends.	In Ship.	Required per Rule.	Inside.	In Ship.	Required per Rule.		
TIMBER AND SPACE	23				24	4	4	24	4	3	3	Limber Strakes	3	3		
Floors	11	11	10	10	10	10	10	10	10	3	3	Bilge Planks	3	3		
1 st Foothooks	9	9	10	10	8	8	8	8	8	3	3	Ceiling in Flat	2	2		
2 nd Ditto	9	9	9	9	8	8	8	8	8	3	3	Ditto Bilge to Clamp	3	3		
3 rd Ditto	9	9	9	9	8	8	8	8	8	4	4	Hold Beam Clamps	4	3		
Top Timbers	8				5	2	5	5	2	3	3	Deck Beam Ditto	3	3		
Deck Beams, length amidships	25				25	feet	25	25	feet	3	3	Ceiling 'twixt Decks	2	2		
Hold Beams, length amidships	11	11	10	10	10	10	10	10	10	3	3	Hold Beam Shelves	4	3		
Keel	13	14	14	14	11	11	11	11	11	4	4	Deck Beam Ditto	4	3		
Scarps of Ditto	5	5	9	9	5	5	5	5	5	4	4	Upper Deck Ways	10	10		
Keelsons	13	14	14	14	12	12	12	12	12	4	4	Lower Deck	6	6		
Scarps of Ditto	5	5	5	5	5	5	5	5	5	4	4	Ditto, faying surface against Timbers	5	5		
Upper Deck										3	3	Upper Deck	3	3		

Under D.W. Size of Bolts in Fastenings, distinguishing whether Copper or Iron; also of Treenails.

Copper or Iron. Inches in Ship.	Inches required per Rule	Yellow Metal													
		Upper	Lower												
Heel-Knee, and Deadwood abaft	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Scarps of Keel.....N.	14	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Keelson Bolts through Keel at each Floor	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Bolts through Heels of Timbers against Deadwood	13	10	10	10	10	10	10	10	10	10	10	10	10	10	10

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 German Oak The First Foothooks of German Oak 1 ft. 6 in. per Rule

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 1 ft. 6 in. 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 all squared from the First Foothook Heads upwards, and fairly free from sap, and from thence downwards, the frame is fairly squared

The alternate Frames are all 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 3 ft. 6 in. of the entire moulding at that place.

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

The Main piece of Rudder is English Oak

The Main Keelson is Greenheart and free from all defects.

The Main piece of Windlass is English Oak

The Stem, and Stern Post, consist of English Oak

The Transoms, Aprons, Knight Heads, and

Hawse Timbers of English Oak American Elm and are free from all defects.

Deadwood, of American Elm and are free from all defects.

The Deck and Hold Beams consist of English Oak The Breasthooks of Pine The Knees of Elm

The Topsides of Pine The Knees of Elm

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

From the above named Height to the Light Water Mark Pitch Pine & German Oak

From the Light Water Mark to the Wales Pitch Pine & German Oak

The Wales and Black-strokes are Pitch Pine

The Topsides of Pine

The Sheer-strokes and Plank-shears Greenheart & English Oak The Waterways Upper Deck Pitch Pine, German

The Decks Yellow Pine State of

The Shifts of the Planking are not less than 1 ft. 6 in. 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 free between, and without step-butting

Planking Inside.—The Limber-strokes and Bilge-strokes are German Oak

The Ceiling, Lower Hold, and between Decks Pitch Pine Shelf Pieces and Clamps German Oak Pitch Pine

Fastenings.—To Hold Beams Four wooden knees to each Beam, 8 pairs of pine pillars

Deck Beams four wooden knees to each Beam, 8 pairs of hanging knees and 2 pairs of staple standards

Number of Breasthooks 5 of iron Pointers of iron Crutches of iron

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

Bilge and Limber Strakes are all 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 Rawson & Watson

Surveyor's Signature

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

She has SAILS.

N°.	
2	Fore Sails,
2	Fore Top Sails,
2	Fore Topmast Stay Sails,
1	Main Sails,
1	Main Top Sails,

and others as usual All of good quality.

CABLES, &c.

	Fathoms.	Inches.
Chain	200	1 1/2
Hempen Stream Cable	80	8
Hawser Chain	50	18
Towlines	75	5
Warp	75	5

ANCHORS, and their weights.

N°.	Weight.
3	116.0 1/4
5	95.2 1/2
1	44.0 0
1	113.20

Her Standing and Running Rigging of man & Hemp sufficient in size and good in quality.

She has One Long Boat and two others one new Rudder new Pumps new

The present state of the Windlass is new Captain new

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 *Specially surveyed from the 12 Sept 1775*
2nd. When the Beams are put in, &c. *to the present time*
3rd. { When completed, and before the plank be painted or payed }

This vessel is fastened with Yellow Lead inclusive of the Heels of Cant timbers and flat of Copper Deck to the entire exclusion of iron.

Rawson & Watson

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

If Sheathed, Doubled, Felted, or Coppered To be sheathed with yellow lead at Shields When last done

I am of opinion this Vessel should be Clasped 10M1

The Amount of the Fee.....£ 11: " : " is received by me,

Order No. 1130 Special£ 16: 19: " *J. H.*

Certificate£ " : " : "

Committee's Minute 28th February 1862.

Character assigned For 10 Years *MH*

J. C. Rawlin



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