

No. 580 Survey held at Sunderland Date April 24th Rec 15/4/56
 on the Barque "Royal Saxon" Master John Roberts 1856
 Tonnage Old Built at Sunderland When built 1856 Launched March
 By whom built W. Taylor Owners John Richardson & Co
 Port belonging to Whitby Destined Voyage Algoa Bay
 If surveyed while Building, Afloat, or in Dry Dock during Building

Length aloft	Feet.	Inches.	Extreme Breadth Outside	Feet.	Inches.	Depth of Hold	Feet.	Inches.
100			25		3	15		6

Scantlings of Timber.				Thickness of Plank.			
Timber and Space	Inches.	Inches. Middle.	Inches. Ends.	Outside.	Inches.	Inside.	Inches.
Floors sided	10 1/2	Moulded 10 1/2	8 3/4	Garboard Strakes	3 1/2	Limber Strakes	3 1/2
1st Foothooks	9	" 8 3/4	" 8 3/4	Garboard to Bilge	3 1/2	Bilge Planks	3 1/2
2nd Ditto	8 1/2	" 8 1/4	" 8 1/4	Bilge Planks	4	Ceiling in Flat	2 3/4
3rd Ditto	8	" 7 1/2	" 7 1/2	Bilge to Wales	3 1/2	Ditto Bilge to Clamp	2 3/4
Top Timbers	7 1/2	" 5	" 5	Wales	4 1/2	Hold Beam Clamps	3 3/4
Deck Beams N° 21 Average Space } 4 to 5	8 3/4	" 8 3/4	7	Topsides	3 1/2	Deck Beam Ditto	3 1/2
Deck Beams, length amidships	23 to 24	" 11	" 9 1/2	Sheer Strakes	3 1/2	Ceiling 'twixt Decks	2 1/4
Hold Beams N° 13 Average Space } 4 to 8	11	" 11	9 1/2	Plank Sheers	3 1/2	Hold Beam Sheers	3 3/4
Hold Beams, length amidships	23 to 24	" 14	" 14	Water-Ways } Upper Deck 5 1/2		Deck Beam Ditto	4
Keel	12	" 21	" 21	Water-Ways } Lower Deck 3			
Scarphs of Ditto	5 to 2			Upper Deck	3		
Keelsons	12 3/4						
Scarphs of Ditto	5 to 6 in						

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

	Copper Inches.	Iron Inches.		Copper Inches.	Iron Inches.		Copper Inches.	Iron Inches.
Heel-Knee, and Deadwood abaft		1 1/8	Transoms and throats of Hooks		1	Hold Beam Bolts in		1 1/8
Scarphs of Keel..... N° 8	7/8		Arms of Hooks	7/8		Waterway ..		7/8
Keelson Bolts through Keel at each Floor	1		Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	3/4		Knees		1 1/8
Bolts through Heels of Timbers against Deadwood	7/8		Butt End Bolts	1 1/16		Shelf or Clamp		7/8
			Pintles of the Rudder	2 1/2		Waterway ..		1 3/16
						Knees		7/8
						Shelf or Clamp		1 3/16
						Nails or Bolts in Flat of Deck		1 3/16
						Treenails	1 1/4	6

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 2.3 Inches. The Space between the Top-Timbers is 3.5 Inches.

The Floors consist of Eng Oak The First Foothooks of Eng Oak Timber.

The Second Foothooks of Eng Oak The Third Foothooks and Top Timbers of Eng Oak

The Shifts of the First and Second Foothooks are not less than 1/4 N. B. When less than prescribed by the Rule, 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 tolerably 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 1/4 of the entire moulding at that place.

The Frame is cross chocked with no Butt at each end of the chock. The Main Keel is Eng & Amer Elm

The Main Keelson is Greenheart and appy free from all defects. The False Keelson is Hettin Oak

The Stem, and Stern Post, consist of Eng Oak The Transoms, Aprons, Knight Heads, and

Hawse Timbers of Eng Oak Deadwood, of Eng Oak and are appy free from all defects.

The Deck and Hold Beams consist of Hettin Oak The Breasthooks of Iron The Knees of Iron

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

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

From the Light Water Mark to the Wales Hettin Oak

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

The Sheer-strakes and Plank-sheers Hettin Oak The Water-ways { Upper Deck Hettin Oak

The Decks By Pine State of _____ Lower Deck _____

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 Free between, and without step-butting.

Planking Inside.—The Limber-strakes and Bilge-strakes are Hettin Oak

The Ceiling, Lower Hold, and between Decks Hettin Oak Shelf Pieces and Clamps Hettin Oak

Fastenings.—To Hold Beams Iron Lodging Pins Spiketting & Clamps Bolted through

8 pair Iron Hanging Knees and 4 pair of Bilge sides

Deck Beams Iron Lodging Pins and 8 pair Iron Hanging Knees

Number of Breasthooks Four Pointers One pair Iron Crutches Two Transom Pins

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

Bilge and Limber Strakes are bolted through and clenched. Treenails of Eng Oak How Made Round

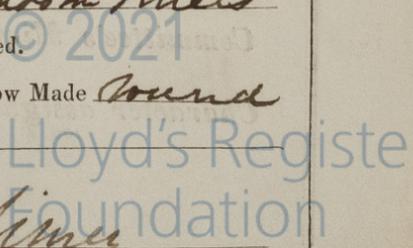
Thickstuff over Double Floors is bolted through and clenched. General Quality of Workmanship fair

We certify that the above is a correct description of the several particulars therein given

Builder's Signature William Taylor

Surveyor's Signature Thos. S. Sims

SLP932 - 0403



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.
2	Fore Sails,	200	1 1/4 x 1 1/2	3	15.3.21
2	Fore Top Sails,	75	8		14.3.0
2	Fore Topmast Stay Sails,	60	7/8	1	13.3.4
1	Main Sails,	75	5 1/2		4.0.0
2	Main Top Sails,	75	5	1	2.0.10
and <u>others as usual</u>		All of <u>good</u> quality.			

Her Standing and Running Rigging is of demp sufficient in size and good in quality.

She has One Long Boat and two others

The present state of the Windlass is good ~~Capstan~~ Winch Rudder good Pumps two Metal

patent

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	
		<u>September 27th</u>
	2nd. When the Beams are put in, &c. <u>December 12</u>	
3rd. {	When completed, and before the plank be painted or payed }	<u>February 8</u>

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

Sheathed, ~~Doubled, Felted, or Coppered~~ with 4 Metal to Wales When last done _____

I am of opinion this Vessel should be Classed S.A.S.

Thos. B. Simey

The Amount of the Fee.....£ 3 : " : " is received by me,

Special£ " : " : "

Certificate£ " : " : "

Committee's Minute 16th May 1856

Character assigned 1 for 8 years