

No. 5806 Survey held at Sunderland Date April 24th Rec 15/5/56 1856
on the Barque "Royal Saxon" Master John Roberts
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. 100	Inches. "	Extreme Breadth Outside	Feet. 25	Inches. 3	Depth of Hold	Feet. 15	Inches. 6
Scantlings of Timber.			Thickness of Plank.					
TIMBER AND SPACE	Inches. 24	Inches. Middle. 10 1/2	Inches. Ends. 8 3/4	Outside.		Inside.		
Floors	sided 10 1/2	Moulded 10 1/2	8 3/4	Garboard Strakes	3 1/2	Limber Strakes	3 1/2	
1 st Foothooks	" 9	" 8 3/4	" 8 1/4	Garboard to Bilge	3 1/2	Bilge Planks	3 1/2	
2 nd Ditto	" 8 1/2	" 8 1/4	" 7 1/2	Bilge Planks	4	Ceiling in Flat	2 3/4	
3 rd Ditto	" 8	" 7 1/2	" 5 1/2	Bilge to Wales	3 1/2	Ditto Bilge to Clamp	2 3/4	
Top Timbers	" 7 1/2	" 5 1/2	" 7	Wales	4 1/2	Hold Beam Clamps	3 3/4	
Deck Beams N ^o 21	Average } 4 1/2	" 8 3/4	" 8 3/4	Topsides	3 1/2	Deck Beam Ditto	3 1/2	
Deck Beams, length amidships	" 23 1/2	" 11	" 9 1/2	Sheer Strakes	3 1/2	Ceiling 'twixt Decks	2 1/4	
Hold Beams N ^o 13	Average } 4 1/2	" 11	" 9 1/2	Plank Sheers	3 1/2	Hold Beam Spoke <u>Setting</u>	3 3/4	
Hold Beams, length amidships	" 23 1/2	" 11	" 9 1/2	Water-Ways { Upper Deck	5 1/2	Deck Beam Ditto	"	
Keel	" 12	" 14	" 21	Lower Deck	3			
Scarphs of Ditto	" 5 1/2	" 14	" 21	Upper Deck	3			
Keelsons	" 12 3/4	" 21	" 21					
Scarphs of Ditto	" 5 1/2	" 21	" 21					

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

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 2 1/2 Inches. The Space between the Top-Timbers is 3 1/2 Inches.
The Floors consist of Ey Oak The First Foothooks of Ey Oak Timber.
The Second Foothooks of Ey Oak The Third Foothooks and Top Timbers of Ey 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 Crop chocked with no Butt at each end of the chock. The Main Keel is Ey & Amos Elm
The Main Keelson is Greenheart and appx free from all defects. The False Keelson is Stettin Oak
The Stem, and Stern Post, consist of Ey Oak The Transoms, Aprons, Knight Heads, and
Hawse Timbers of Ey Oak Deadwood, of Ey Oak and are appx free from all defects.
The Deck and Hold Beams consist of Stettin Oak The Breasthooks of Iron The Knees of Iron

Planking Outside.—From the Keel to the Height defined in Note to Table A, the Plank is Beech & Elm
or to the First Foothook Heads }
From the above named Height to the Light Water Mark Elm & 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 and Plank-sheers Stettin Oak The Water-ways { Upper Deck Stettin Oak
Lower Deck
The Decks Py Pine State of
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 Stettin Oak
The Ceiling, Lower Hold, and between Decks Stettin Oak Shelf Pieces and Clamps Stettin Oak
Fastenings.—To Hold Beams Iron Lodging Pins Spiketting & clamps Bolted through
8 pair Iron Hanging Knees and 4 pair of Bilge riders
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 4 Metal in the Bottom, and one Bolt in each Butt End through and clenched.
Bilge and Limber Strakes are bolted through and clenched. Treenails of Ey Oak How Made Round
Thickstuff over Double Floors are 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 William Taylor Surveyor's Signature Thos. S. Nimy

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,	Chain	200	1 1/4 x 1 1/8	Bower,	3	15.3.21
1	Fore Top Sails,	Hempen Stream Cable	75	8			14.3.0
2	Fore Topmast Stay Sails,	Hawser	60	7/8	Stream,	1	13.3.4
1	Main Sails,	Towlines	75	5 1/2			4.0.0
2	Main Top Sails,	Warp	75	5	Kedge,	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 12th</u>
	3rd. { When completed, and before the plank be painted or payed }	<u>February 8th</u>

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

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

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

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

max Special£ " : " : "

Certificate£ " : " : "

Committee's Minute 16th May 1856

Character assigned 1 for 8 years



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