

No. 5498 Survey held at Sunderland Date February 13 1855
on the Barque "Sir James" Master Boaden
Tonnage Old 646 Built at Sunderland When built 1855 Launched January
By whom built John Smith Owners Sir James Taylor
Port belonging to London Destined Voyage Bombay
If Surveyed while Building, Afloat, or in Dry Dock during Building

Length aloft	Feet. <u>41</u> Inches. <u>4</u>	Extreme Breadth	Feet. <u>32</u> Inches. <u>4</u>	Depth of Hold	Feet. <u>19</u> Inches. <u>6</u>	
Scantlings of Timber.			Thickness of Plank.			
Room and Space	Inches. <u>15</u>	Inches. Middle <u>13 1/2</u> Ends <u>11 3/4</u>	Outside.	Inches.	Inside.	Inches.
Floors	sided <u>13 1/2</u>	Moulded <u>13 1/2</u> <u>11 3/4</u>	Keel to Bilge	<u>4</u>	Limber Strakes	<u>4 1/2</u>
1 st Foothooks	" <u>11 3/4</u>	" <u>10 1/2</u> <u>shoulder at the head</u>	Bilge Planks	<u>4 1/2</u>	Bilge Planks	<u>4 1/2</u>
2 nd Ditto	" <u>10 1/2</u>	" <u>10</u>	Bilge to Wales	<u>4</u>	Ceiling in Flat	<u>3</u>
3 rd Ditto	" <u>10 1/2</u>	" <u>8 1/2</u>	Wales	<u>5</u>	Ditto Bilge to Clamp	<u>3 1/2</u>
Top Timbers	" <u>10</u>	" <u>7</u>	Short Hoods	<u>3 1/2</u>	Hold Beam Clamps	<u>4 1/2</u>
Deck Beams N ^o <u>25</u> Average Space <u>49 ft</u>	" <u>9 1/2</u>	" <u>9 1/2</u> <u>8</u>	Topsides	<u>4</u>	Deck Beam Ditto	<u>4 1/4</u>
Hold Beams N ^o <u>23</u> Average Space <u>46</u>	" <u>12 1/2</u>	" <u>12 1/2</u> <u>11</u>	Sheer Strakes	<u>4</u>	Ceiling 'twixt Decks	<u>3</u>
Keel	" <u>14</u>	" <u>17</u>	Plank Sheers	<u>4</u>	Hold Beam <u>Spunketting</u>	<u>5</u>
Keelsons	" <u>16</u>	" <u>16</u>	Water-Ways	<u>8 3/4</u>	Deck Beam Ditto	"
Scarphs of Ditto	" <u>4 feet</u>		Upper Deck	<u>3 1/2</u>		

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

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

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 2.4 Inches. The Space between the Top-timbers is 2.6 Inches. The Stem, Stern Post, consist of Eng Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, and Deadwood, of Eng Oak and are free free from all defects. The Floors consist of Eng Oak The First Foothooks of Eng Oak Timber. The Second Foothooks of Eng Oak The Third Foothooks of Eng Oak The 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 well 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 belted. 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 Keelson is Scake and free from all defects. The False Keelson is no The Deck Beams consist of Hettin Oak The Hold Beams of Hettin Oak The Knees of Eng Oak

Planking Outside.—From the Keel to the Height defined in Note to Table 2, the Plank is Amur Elm From the above named Height to the Light Water Mark Amur Elm From the Light Water Mark to the Wales Sausy Oak The Wales and Black-strakes are Sausy Oak & Scake The Topsides Sausy Oak The Sheer-strakes Scake and Plank-sheers Sausy Oak The Water-ways Hettin Oak The Decks Y. Pine State of no The Shifts of the Planking are not less than 5 Feet no 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 3 between

Planking Inside.—The Limber-strakes are Sausy Oak the Bilge Planks Sausy Oak The Ceiling, Lower Hold, Sausy Oak Between Decks Sausy Oak Shelf Pieces no Clamps Sausy Oak

Fastenings.—To Hold Beams Four Lodging Pieces Spunketting & Clamps Bolted through And 11 pair of Iron Hanging Pieces Deck Beams Four Lodging Pieces and 16 pair of Iron Hanging Pieces Number of Breasthooks Seven & Steinson Pointers One pair Iron Crutch Two Transom Pieces 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. Treennails of Eng Oak Now Made round General Quality of Workmanship good

We certify that the preceding is a correct description of the above-named Vessel,
Builder's Signature John Smith Surveyor's Signature Thos. B. Sney
Mr Taylor

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 .
2	Fore Sails,		Chain	240	1 1/2	Bower,	25.2.0
2	Fore Top Sails,		Hempen Stream Cable	75	4 1/2		25.0.0
2	Fore Topmast Stay Sails,		Hawser	60	1	Stream,	24.0.14
1	Main Sails,		Towlines	75	6 1/2		1 5.0.0
2	Main Top Sails,		Warp	75	5 1/2	Kedge,	1 2.0.0
and <u>others as usual</u>			All of <u>good</u> quality.				

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

She has One Long Boat and Two others

The present state of the Windlass is good Capstan which Rudder gone Pumps Two Metal

General Remarks—Statement and Date of Repairs.

The exterior of this Ship including the flat of the deck and the keels of the cant timbers is fastened with yellow metal to the entire exclusion of iron

Pro John Smith
Surveyor
with metal fastenings

Builder of 8 year materials

If Sheathed, Doubled, Felted, or Coppered

When last done

I am of opinion this Vessel should be Classed G. A. 1.

The Amount of the Fee.....£ 5 : — : — is received by me, Thos. B. Sney

No order Special£ 32 : 6 : — the

Certificate (if required)£ : : —

Committee's Minute 20th April 1855

Character assigned A 1 for 9 years



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Foundation