

No. 5943 Survey held at Sunderland Date July 8th Recd 17/10/36 1856
on the Ship "Ruby Castle" Master W^m Scott
Tonnage Old 691 Built at Sunderland When built 1856 Launched June
By whom built J. Short Owners S. Greenwell
Port belonging to London Destined Voyage Ceylon
Surveyed while Building, Afloat, or in Dry Dock during Building

Length aloft	Feet. <u>157</u>	Inches. <u>4</u>	Extreme Breadth Outside	Feet. <u>31</u>	Inches. <u>6</u>	Depth of Hold	Feet. <u>20</u>	Inches. <u>4</u>
Scantlings of Timber.			Thickness of Plank.					
TIMBER AND SPACE	Inches. <u>30 1/2</u>		Inches. Middle <u>14</u>	Inches. Ends <u>12</u>	Outside.			
Floors	sided <u>14</u>	Moulded	<u>14</u>	<u>12</u>	Garboard Strakes	Inches. <u>4</u>	Inside.	
1 st Foothooks	<u>12</u>	"	<u>12</u>	"	Garboard to Bilge	<u>4</u>	Limber Strakes	<u>5</u>
2 nd Ditto	<u>11</u>	"	<u>10 1/2</u>	"	Bilge Planks	<u>4 1/4</u>	Bilge Planks	<u>5</u>
3 rd Ditto	<u>10</u>	"	<u>10</u>	"	Bilge to Wales	<u>4</u>	Ceiling in Flat	<u>3 1/4</u>
Top Timbers	<u>9 1/2</u>	"	<u>6 1/2</u>	"	Wales	<u>5 1/4</u>	Ditto Bilge to Clamp	<u>3 1/4</u>
Deck Beams N ^o <u>24</u>	Average Space <u>48</u>	"	<u>10</u>	<u>7 3/4</u>	Topsides	<u>4 1/4</u>	Hold Beam Clamps	<u>5</u>
Deck Beams, length amidships	<u>29 ft 6</u>	"	<u>13</u>	<u>11</u>	Sheer Strakes	<u>4 1/4</u>	Deck Beam Ditto	<u>2. do. 4 1/4</u>
Hold Beams N ^o <u>24</u>	Average Space <u>46</u>	"	<u>13</u>	<u>11</u>	Plank Sheers	<u>4</u>	Ceiling 'twixt Decks	<u>2 3/4</u>
Hold Beams, length amidships	<u>29 ft 6</u>	"	<u>16</u>	"	Water-Ways	<u>6 1/2</u>	Hold Beam Shelves	<u>6</u>
Keel	<u>14 1/2</u>	"	<u>24</u>	"	Upper Deck	<u>3 1/2</u>	Deck Beam Ditto	<u>4</u>
Scarphs of Ditto	<u>6 80</u>	"			Lower Deck			
Keelsons	<u>16</u>	"						
Scarphs of Ditto	<u>7 ft</u>	"						

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

Heel-Knee, and Deadwood abaft	Copper Inches. <u>1 5/16</u>	Iron Inches.	Transoms and throats of Hooks	Copper Inches. <u>1 3/16</u>	Iron Inches.	Hold Beam Bolts in	Copper Inches. <u>1 1/8</u>	Iron Inches.
Scarphs of Keel N ^o <u>8</u>	<u>1 1/8</u>		Arms of Hooks	<u>1 1/8</u>		Knees	<u>1 1/8</u>	<u>1 1/8</u>
Keelson Bolts through Keel at each Floor	<u>1 3/16</u>		Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	<u>1 1/8</u>		Shelf or Clamp	<u>1 1/8</u>	<u>1 1/8</u>
Bolts through Heels of Timbers against Deadwood	<u>1 5/16</u>		Butt End Bolts	<u>3/4</u>		Waterway	<u>1 5/16</u>	<u>1 5/16</u>
			Pintles of the Rudder	<u>3/4</u>		Knees	<u>1 1/8</u>	<u>1 5/16</u>
						Shelf or Clamp	<u>1 5/16</u>	<u>1 5/16</u>
						Nails or Bolts in Flat of Deck	<u>6</u>	<u>6</u>
						Treenails	<u>1 3/8</u>	Inches

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 2.3 Inches. The Space between the Top-Timbers is 3.6 Inches.

The Floors consist of Port & Eng Oak The First Foothooks of Port & 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 1/2 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 well squared from the First Foothook Heads upwards, and well free from sap, and from thence downwards, the frame is well 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 1/4 of the entire moulding at that place.

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

The Main Keelson is Green heart and appx free from all defects. The False Keelson is Green heart

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

Hawse Timbers of Eng & Afr Oak Deadwood, of Eng Oak and are appx free from all defects.

The Deck and Hold Beams consist of Eng & Afr Oak, Peake & Green heart 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 Ambr Elm
or to the First Foothook Heads

From the above named Height to the Light Water Mark Stettin Oak

From the Light Water Mark to the Wales Dawry & Stettin Oak

The Wales and Black-strakes are Peake The Topsides Peake

The Sheer-strakes and Plank-sheers Peake The Water-ways { Upper Deck Red Pine

The Decks Eng Pine Lower Deck

The Shifts of the Planking are not less than 5 Feet 5 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, and without step-butting.

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

The Ceiling, Lower Hold, and between Decks Stettin & Dawry Oak Shelf Pieces and Clamps Dawry Oak

Fastenings.—To Hold Beams Iron Lodging Nails, 9 pair Staples, Standards and 9 pair of Hanging Nails

Deck Beams Iron Lodging Nails, 9 pair Staples, Standards and 9 pair of Hanging Nails

Number of Breasthooks Seven & Stettin Pointers One pair Two Crutches One One One

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 4 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 George Short Surveyor's Signature Robt. B. Sturges

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	270 1 1/2	2	33.1.0
2	Fore Top Sails,	Hempen Stream Cable	75 9	2	32.2.0
2	Fore Topmast Stay Sails,	Hawser	70 1	1	31.2.0
1	Main Sails,	Towlines	75 6		
2	Main Top Sails,	Warp	75 5	1	6.2.23
and <u>others as usual</u>		All of <u>good</u> quality.		1	2.2.17

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

She has one Long Boat and three others
The present state of the Windlass is good Capstan 2 inch 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>January 3rd</u>
2nd. When the Beams are put in, &c.	<u>March 12th</u>
3rd. { When completed, and before the plank be painted or payed }	<u>May 15th</u>

The exterior of this ship including the heels of the cant timbers and the flat of the upper deck is fastened with yellow metal to the entire exclusion of iron
George D. Short

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

☒ Sheathed, ~~Doubled~~, ~~Felted~~, or ~~Coppered~~ with yellow metal to Wales When last done _____

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

The Amount of the Fee.....£ 5: - : - is received by me, Wm. D. Simey

Special£ 34: 11: "

Certificate£ - : - : -

Committee's Minute 11 November 1856

Character assigned Δ 1 for 10 Years



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