

2051 Survey held at Greenock

Date 13th July

1846

Ship "William Stewart" Master Wm Jamieson

Age 5th year Built at Greenock

When built 26th June 1846

whom built John Campbell & Co

Owners J. & W. Stewart

now belonging to Greenock

Destined Voyage to India & Bombay

if Surveyed Afloat or in Dry Dock on Stocks

Rec 20/7/46 2051

Length aloft 125 ^{Feet.} ₁₀ ^{Inches.} ₀ Breadth Midships 26 ^{Feet.} ₁₀ ^{Inches.} ₀ Depth of Hold 19 ^{Feet.} ₁₀ ^{Inches.} ₀

Scantlings of Timber.

Timber and Space	each	Inches.	Inches.	Inches.
Floors	sided	<u>29</u> ¹⁴ ₃₀	<u>13</u> ¹⁴ ₁₄	<u>14</u>
1 st Foothooks	"	<u>12</u>	"	<u>11</u>
2 nd Ditto	"	<u>11</u>	"	<u>10</u>
3 rd Ditto	"	<u>10</u>	"	<u>8</u>
Top Timbers	"	<u>9</u>	"	<u>7</u> ⁵ ₄
Deck Beams N ^o . of <u>22</u>	"	<u>10</u>	"	<u>10</u> ⁷ ₁₂
Hold Beams N ^o . of <u>20</u>	"	<u>13</u>	"	<u>13</u> ¹⁰ ₁₀
Keel	"	<u>14</u>	"	<u>14</u>
Kelsons	"	<u>14</u>	"	<u>15</u> ⁴ ₅

Thickness of Plank.

Outside.	Inches.	Inside.	Inches.
Keel to Bilge	<u>3</u> ¹ ₂	Foot Waling	<u>4</u>
Bilge Planks	<u>5</u>	Bilge Planks	<u>4</u> ¹ ₂
Bilge to Wales	<u>4</u>	Ceiling in Flat	<u>3</u> ¹ ₄
Wales	<u>5</u>	Ditto Bilge to Clamp	<u>3</u> ¹ ₄
Topsides	<u>3</u>	Hold Beam Clamps	<u>4</u>
Sheer Strakes <u>2</u> ¹ ₂ <u>3</u> ¹ ₂ <u>8</u>	<u>4</u>	Deck Beam Ditto	<u>3</u> ³ ₄
Plank Sheers	<u>4</u>	Ceiling 'twixt Decks	<u>2</u> ³ ₄
Water-Ways	<u>5</u> ¹ ₄	Hold Beam Shelves	<u>5</u> ¹ ₂ <u>12</u> ¹ ₂
Upper Deck	<u>3</u> ¹ ₂	Deck Beam Ditto	<u>5</u> ¹ ₂ <u>12</u> ¹ ₂

Copper or Iron.

Heel-Knee, and Dead Wood abaft	<u>1</u> ¹ ₄ <u>1</u> ¹ ₈
Scarp of Keel	N ^o . <u>Eight</u> ⁷ ₈
Floor Timber Bolts	<u>3</u> ¹ ₁₆
Kelson ditto	<u>3</u> ¹ ₁₆
Transoms and throats of Hooks	<u>1</u> ¹ ₈ <u>1</u> ¹ ₄
Arms of Hooks	<u>1</u> ¹ ₈ <u>1</u>

Size of Bolts in Fastenings, distinguishing whether

Copper or Iron.

Bolts thro' the Bilge and Foot Waling	<u>1</u> ¹ ₈
Butt End Bolts	<u>3</u> ¹ ₄
Lower Pintle of the Rudder	<u>3</u> ¹ ₂

Hold Beam	<u>1</u> ¹ ₄ <u>1</u> ¹ ₈ <u>1</u>
Deck Beam	<u>1</u> ¹ ₈ <u>1</u>

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 4 to 4 1/2 Inches. The Space between the Top-timbers is 3 to 9 Inches. The Stem, Stern Post, are composed of British Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, of British Oak and are free from all defects.

The Floors and first Foothooks are composed of British Oak Timber.

The other Foothooks and Top Timbers of British Oak

The Shifts of the first and second Foothooks are not less than 4 ft. 4 in. to 4 ft. 6 in. 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 free from sap, and from thence downwards, the frame is all very well squared

The alternate Frames are all bolted together.

N. B. If not, state how bolted.

The Butts of the Timbers are close together; their thickness not less than a skin of the entire moulding at that place.

The Frame is well chocked with a Butt at each end of the chock. Crop chocks, full butts kept, & Scarphs.

The Main Kelson is composed of Greenheart & Brit. Oak and the False Kelson of Mora & British Oak

The Scarphs of the Kelsons are not less than Six feet four inches.

The Deck and Hold Beams are composed of British Oak, East India Oak & Greenheart

Planking Outside.—From the Keel to the first Foothook Heads the Plank is composed of Dubie Rock Elm

From the first Foothook Heads to the Light Water Mark of British Oak & Greenheart

From the Light Water Mark to the Wales of Greenheart and British Oak

The Wales and Black-strakes are of Greenheart & British Oak The Topsides of Greenheart & British Oak

The Sheer-strakes and Plank-sheers of British Oak The Water-ways of Greenheart and Plank next to it

The Decks of Yellow Pine State of New 3 British Oak & E. I. Oak

The Shifts of the Planking are not less than 3 ft 6 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 Three between

Planking Inside.—The Limber-strakes are composed of British & African Oak the Bilge Planks of Greenheart & Brit. Oak

The Ceiling, Lower Hold, of British Oak, Greenheart & Mora Between Decks of British & African Oak & Greenheart

Shelf Pieces of Greenheart & British Oak Clamps of Greenheart and British Oak

Fastenings.—To Hold Beams Iron lodging knees on the frame, Stringer above and below beams and ten pair of diagonal iron hanging knee riders

Deck Beams Iron lodging knees on the frame with stringer and twelve pair of iron staple standards, and diagonal iron hanging knees

Number of Breasthooks in below & on above deck Pointers Two iron Crutches One iron aft

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

Bilge and Footwaling Yellow Metal bolted through and clenched. Footwaling, two bolts into each floor, and one in the footboard, 7 1/2 in.

General Quality of Workmanship very good These pair of transom knees 12 in. long

We certify that the preceding is a correct description of the above-named Vessel,

Owner's Name

Surveyor's Name

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,	240	Chain	1 1/2	3	Bowyer,	27 " 2 " 16 " } Iron Flashed
2	Fore Top Sails,	45	Stream Chain	1			24 " 1 " 12 " } Wood Stoked
2	Fore Topmast Stay Sails,	75	Hempen Stream Cable	9	1	Stream,	9 " 0 " 7 "
1	Main Sails,	90	Hawser	7 1/2	2	Kedges,	4 " 0 " 4 "
2	Main Top Sails,	90	Towlines	5			2 " 0 " 1 "
and well found in other Sails		90	Warp	4			
			All of <u>Good</u> quality.				

Her Standing and Running Rigging all new sufficient in size and Good in quality.

She has a Long Boat and olly boat and gig

The present state of the Windlass is Good 2 Capstans Good and Rudder Good

Four lead pumps, good

General Remarks—Statement and Date of Repairs.

Laid on in September 1845, launched 26 June 1846. Surveyed at the three prescribed periods, and at other times specially, while building. Frame all Welsh and English oak, of good quality, and very well squared. Built wholly in frame, and the cant timber hull stepped, and doweled on dead woods. Shifts of timbers good. Cross chocks, butt lipped, full butts keyed, and scarphed. Planking and ceiling as enumerated, of good quality, very well wrought, and shifted three betwixt. Number of beams to each deck, spaces, and mode of fastenings, as described. All the binding bolts in knees and stringers to hold beams, yellow metal, through and clinched. A pair of iron pointers, and an iron crutch aft, and the transoms securely fastened to the sides. Bulge and butt bolts, and the bolts in side arms of iron knee sides, pointers and crutch, of yellow metal, through and clinched. Workmanship and finishings throughout, good, and her stores and furnishings are complete, and of the best description.

Certificate of her Bower chain cables, being tested, is herewith, and the proof of strain stamped on one of the links, every fifteen fathoms.

Deck Beam Spaces, Nook to first beam 3 ft. 5 in. + 2 ft. 6 in. + 3 ft. 10 in. + 4 ft. 9 in. + 4 ft. 9 in. + 4 ft. 11 in. + 4 ft. 5 in. + 4 ft. 6 in. + 4 ft. 11 in. + 4 ft. 9 in. + 4 ft. 6 in. + 8 feet. Main hatch. + 4 ft. 9 in. + 4 ft. 8 in. + 4 ft. 6 in. + 4 ft. 5 in. + 5 feet. + 4 ft. 5 in. + 5 feet. + 4 ft. 6 in. + 4 ft. 9 in. + 5 ft. 2 in. +

Hold Beam Spaces, Nook to first beam, 5 ft. 5 in. + 4 ft. 7 in. + 4 ft. 6 in. + 4 ft. 5 in. + 4 ft. 6 in. + 4 ft. 6 in. + 4 ft. 5 in. + 4 ft. 5 in. + 4 ft. 5 in. + 8 feet. Main hatch. + 4 ft. 5 in. + 4 ft. 4 in. + 4 ft. 7 in. + 4 ft. 5 in. + 4 ft. 5 in. + 4 ft. 6 in. + 4 ft. 7 in. + 4 ft. 8 in. + 4 feet. + 4 ft. 2 in. to transom.

Fitted three courses above, and Yellow Metalled over Paper below to

If Sheathed, Doubled, Felted, or Coppered the whole over the lower Main Stakes When last done

I am of opinion this Vessel should be Classed "12A1"

The Amount of the Fee.....£ 5 July : " is received by me, John R. Cunningham

Special£ 24: 19: "

Certificate (if required)£ " : " : "

Committee's Minute 21 July 1846

Character assigned 1 for 12 Gun

