

No. 157 Survey held at Dumbarton Date 20th March 1855
 on the Mr. Mary Ann Ship Master Edward Marshall
 Tonnage 199 Built at Dumbarton When built 18th October 1854
 By whom built James Rankin Owners D. & J. Rankin & Co.
 Port belonging to Glasgow Destined Voyage to the Summer
 If Surveyed Afloat or in Dry Dock in Dock

757

Length aloft.....	Feet. Inches.	Extreme Breadth	Feet. Inches.	Depth of Hold	Feet. Inches.
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Scantlings of Timber.				Thickness of Plank.	
	Inches.	Inches.	Inches.	Outside.	Inside.
Timber and Space..... each	11			Keel to Bilge	Foot Waling.....
Floors..... sided	10	Moulded	10	Bilge Planks	Bilge Planks
1st Foothooks.....	9	"	8	Bilge to Wales	Ceiling in Flat
2nd Ditto.....	8	"	7	Wales	Ditto Bilge to Clamp
3rd Ditto.....	7	"	6	Topsides	Hold Beam Clamps
Top Timbers	12	"	11	Sheer Strakes	Deck Beam Ditto.....
Deck Beams..... Number of.....	18	"	9	Plank Sheers.....	Ceiling 'twixt Decks
Hold Beams..... Do. do.....	10	"	10	Water-ways	Hold Beam Shelves
Keel	11	"	11	Upper Deck	Deck Beam ditto.....
Kelsons	11	"	11		

Copper.		Copper.		Iron.	
	Inches.		Inches.		Inches.
Heel-Knee, and Dead Wood abaft	10	Bolts thro' the Bilge and Foot Waling	3/4	Hold Beam.....	1/2
Scarpns of Keel..... N°.	34	Butt End Bolts	5/8	Deck Beam	1/2
Floor Timber Bolts.....	1	Lower Pintle of the Rudder	1/2		
Kelson ditto.....	1			same in Iron above the Copper	1/2
Transoms and throats of Hooks					
Arms of Hooks	7/8				

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

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

Her other Foothooks and Top Timbers of British Oak

Her Shifts of the first and second Foothooks are not less than 2 1/2 N.B. When reported by you less than the prescribed Rule, then 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 well squared

The alternate Frames are 2 bolted together. to Gunwale

The Butts of the Timbers are close together; their thickness not less than 1/4 of the entire moulding at that place.

The Frame is well chocked with 1 Butt at each end of the chock. 1/2 Butt at each end of the chock.

The Main Kelson is composed of American Oak and the False Kelson of British Oak

The Scarphs of the Kelsons are not less than 10 feet 6 inches.

The Deck and Hold Beams are composed of British Oak

Planking Outside.—This Vessel's Plank from the Keel to the first Foothook Heads is composed of elm

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

From the Light Water Mark to the Wales of British Oak

The Wales and Black-strakes are of British Oak

The Topsides of Red Pine

The Sheer-strakes of American & British Oak Decks, and state of, Yellow Pine

The Gunwales of American Oak Water-ways of Red Pine

The Shifts of the Planking are not less than 5 1/2 Feet 0 Inches. N.B. If reported less than the prescribed Rule, state whether general or partial, and if partial, in what part of the Ship.

The Planking is wrought two and three between. two mostly

Planking Inside.—The Clamps are composed of American Oak the Stringers of American Oak

The Bilge Planks of American & British Oak and the remainder of the Ceiling of American Oak

Fastenings.—To Hold Beams Double bolting brass British Oak with clamps, some with brass bands

Deck Beams Double bolting brass British Oak with clamps

Number of Breasthooks Two Pointers Two Crutches One iron off

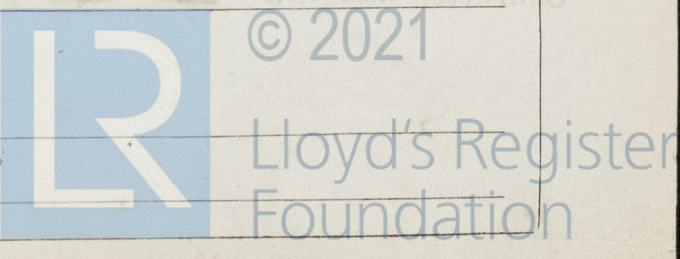
Butts End Bolts are of Yellow Metal in the Bottom, and 1 Bolt in each Butt End through and clenched.

Bilge and Footwaling Yellow Metal bolted through and clenched.

General Quality of Workmanship good

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

Builder's Name John R. Rankin
 Surveyor's Name James Rankin



Her Masts, Yards, &c. are in good condition, and sufficient in size and length.

She has SAILS.

CABLES, &c.

ANCHORS.

N ^o .	Fathoms.	Inches.	N ^o .
Fore Sails,	180	12 1/2	2
Fore Top Sails,	40	7	1
Fore Topmast Stay Sails,	80	5	2
Main Sails,	120	13	
Main Top Sails,	60	34	
Chain			
Hempen Stream Cable.....			
Hawser			
Towlines			
Warp			
All of	not	quality.	

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

She has 2 Long Boat and 1 Small Boat

The present state of the Windlass is good with Capstan — and Rudder good
See Remarks under Gunpowder *See last Sample good*

General Remarks—Statement and Date of Repairs.

Laid on in February, and launched in October. Was
 launched at the present point, and at the time, while building
 frame all English and Welsh oak of good quality, and well
 squared, very alternate frame fitted together to summer, all
 caps, garrels below, and decks and full built above, ship
 of timber good, framing and decking good quality, well
 and shaped in and fine, between plate masts, and, where two
 is required, the butt is not on same timber. Masts and
 fastenings as described. Two keels of British oak, and an iron
 keel up, and the main beam iron fixed to the side,
 ridge and butt yellow metal, sides through and crunched
 in rings, Nelson's side yellow metal through each bar and
 crunched in rings. She is well finished and her stow and
 rings are of a good description.
 Special Survey fees £10.00 Paid

If Sheathed, Doubled, or Felted, _____
and Date when last done _____
And _____ of opinion this Vessel should be Classed _____

The Amount of the Fee.....£ 2 : 2 : is received by me,

John L. Compton

Committee Minute 6 Nov 1839

Character assigned A 1 m 9 Ma (10)