

No. 157 Survey held at Dumbarton Date 20th March 1855 757
 on the MS. Mary Queen of Scots Master Edward Mackay
 Tonnage 199 Built at Dumbarton When built 17th October 1844
 By whom built James Rankin Owners D. & J. Rankin
 Port belonging to Glasgow Destined Voyage to the Summer
 If Surveyed Afloat or in Dry Dock in Dock

Length aloft		Feet		Inches		Extreme Breadth		Feet		Inches		Depth of Hold		Feet		Inches																																																																																																													
<p align="center">Scantlings of Timber.</p> <table border="1"> <thead> <tr> <th></th> <th>Inches</th> <th>Inches</th> <th>Inches</th> <th></th> <th>Inches</th> <th>Inches</th> <th></th> <th>Inches</th> </tr> <tr> <th></th> <th>Middl.</th> <th>Ends</th> <th></th> <th>Outside.</th> <th>Inside.</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Timber and Space..... each</td> <td>11</td> <td></td> <td></td> <td>Keel to Bilge</td> <td>2 1/2</td> <td></td> <td>Foot Waling.....</td> <td>3</td> </tr> <tr> <td>Floors..... sided</td> <td>10</td> <td></td> <td>Moulded</td> <td>Bilge Planks.....</td> <td>4</td> <td></td> <td>Bilge Planks.....</td> <td>4</td> </tr> <tr> <td>1st Foothooks..... "</td> <td>9</td> <td></td> <td>"</td> <td>Bilge to Wales.....</td> <td>2 1/2</td> <td></td> <td>Ceiling in Flat.....</td> <td>2 1/2</td> </tr> <tr> <td>2nd Ditto..... "</td> <td>8</td> <td></td> <td>"</td> <td>Wales.....</td> <td>4</td> <td></td> <td>Ditto Bilge to Clamp.....</td> <td>2 1/2</td> </tr> <tr> <td>3rd Ditto..... "</td> <td>7 1/2</td> <td></td> <td>"</td> <td>Topsides.....</td> <td>2 1/2</td> <td></td> <td>Hold Beam Clamps.....</td> <td>3 1/2</td> </tr> <tr> <td>Top Timbers..... "</td> <td>12</td> <td></td> <td>"</td> <td>Sheer Strakes.....</td> <td>2 1/2</td> <td>3</td> <td>Deck Beam Ditto.....</td> <td>3</td> </tr> <tr> <td>Deck Beams..... Number of..... 18</td> <td>9</td> <td></td> <td>"</td> <td>Plank Sheers.....</td> <td>3</td> <td></td> <td>Ceiling 'twixt Decks.....</td> <td>2 1/2</td> </tr> <tr> <td>Hold Beams..... Do. do..... 11</td> <td>10</td> <td></td> <td>"</td> <td>Water-ways.....</td> <td>5</td> <td></td> <td>Hold Beam Shelves.....</td> <td>4 1/2</td> </tr> <tr> <td>Keel..... "</td> <td>13</td> <td></td> <td>"</td> <td>Upper Deck.....</td> <td>2 1/2</td> <td></td> <td>Deck Beam ditto.....</td> <td>4 1/2</td> </tr> <tr> <td>Kelsons..... "</td> <td>11</td> <td></td> <td>"</td> <td></td> <td></td> <td></td> <td>Lower Deck.....</td> <td>3</td> </tr> </tbody> </table>																			Inches	Inches	Inches		Inches	Inches		Inches		Middl.	Ends		Outside.	Inside.				Timber and Space..... each	11			Keel to Bilge	2 1/2		Foot Waling.....	3	Floors..... sided	10		Moulded	Bilge Planks.....	4		Bilge Planks.....	4	1st Foothooks..... "	9		"	Bilge to Wales.....	2 1/2		Ceiling in Flat.....	2 1/2	2nd Ditto..... "	8		"	Wales.....	4		Ditto Bilge to Clamp.....	2 1/2	3rd Ditto..... "	7 1/2		"	Topsides.....	2 1/2		Hold Beam Clamps.....	3 1/2	Top Timbers..... "	12		"	Sheer Strakes.....	2 1/2	3	Deck Beam Ditto.....	3	Deck Beams..... Number of..... 18	9		"	Plank Sheers.....	3		Ceiling 'twixt Decks.....	2 1/2	Hold Beams..... Do. do..... 11	10		"	Water-ways.....	5		Hold Beam Shelves.....	4 1/2	Keel..... "	13		"	Upper Deck.....	2 1/2		Deck Beam ditto.....	4 1/2	Kelsons..... "	11		"				Lower Deck.....	3
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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. Close chocks below, Scarphs and full Butts above

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

The Scarphs of the Kelsons are not less than 4 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 Oak

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 bedding with British Oak and Stoppers, some not with Stoppers

Deck Beams Double bedding with British Oak and Stoppers

Number of Breasthooks Two Pointers Two Crutches One

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 James Rankin

Surveyor's Name John P. Rankin



