

3386 IRON SHIPS.

Survey held at Glasgow Date Nov. 11th Rec'd 12/11/63
 the "Lombrooke Castle" Master Bartholomew
 Tonnage Gross 410.00 Engine Room 410.00 Register 410.00 Built at Glasgow
 When Built 1863 Launched 1st October 1863 By whom built W. Stephen & Sons
 Owners Lombrooke & Co Port belonging to Liverpool Destined Voyage Valparaiso
 Surveyed Afloat or in Dry Dock whilst building

Length aloft	Feet.	Inches.	Extreme Breadth	Feet.	Inches.	Depth from top of Upper Deck	Feet.	Inches.	Beam to top of Floor	Feet.	Inches.	Power of Engines	Horse.
140			26		2	10		4					
Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft	21		21										
Floors, Size of Angle Iron, and No. at bottom of Floor Plate	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
depth and thickness of Floor Plate at mid line	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
depth and thickness of Floor Plate at Bilge Keelson	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Size of Reversed Angle Iron, and No. at top of Floor Plate	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Frames, Size of Angle Iron, single or double	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Reversed Iron, if to every frame	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Bilge of every other frame	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Beams, Deck (N ^o . 30) double Angle Iron, Plate, or Bulb Iron	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
double or single Angle Iron, on upper edge	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
average space between	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
if wood (N ^o .) sided & moulded	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Hold, or Lower Deck (N ^o . 22) double Angle Iron, Plate, or Bulb Iron	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
double or single Angle Iron, on upper edge	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
average space between	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
if wood (N ^o .) sided & moulded	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Paddle, wood, sided and moulded, or if Iron, size of Plate	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Engine	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Keelson, single plate, box, or intercostal	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Size of Plates	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Size of Angle Irons	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Ditto Bilge (No. One)	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Transoms, material	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Knight-heads, and Hawse Timbers	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
The Frames or Ribs extend in one length from	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
The reverse angle irons on the floors extend in one length across the middle line from	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Keelson, how are the various lengths of plates or angle irons connected?	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Plates, Garboard, double or single rivetted to keel & at upper edge, with rivets	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Edges from Garboards to upper part of bilge, worked carvel with a lining piece	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Butts from Keel to turn of bilge, worked carvel with a lining piece	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Edges from bilge to sheerstrake, worked carvel with a lining piece	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Edge of Sheerstrake, double or single rivetted?	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Butts from bilge to planksheers, worked carvel with a lining piece	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Butt Straps of Keelsons, Stringer and Tie Plates, double or single rivetted?	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Planksheer, how secured to the plating of the sides	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Waterway	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Deck Beams, how secured to the side?	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Hold or Lower Deck	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
Paddle	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
No. of breasthooks	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				
What description of iron is used for the angle iron and plate iron in the vessel?	3/2 3		3/2 3		16ths. required per Rule.		16ths. required per Rule.		16ths. required per Rule.				

3386 Iron

Workmanship. Are the lands or laps of the clenchwork in all cases in breadth at least five times the diameter of the rivets in double rivetted edges and butts, and at least three times the diameter of the rivets where single rivetting is admitted? Yes
Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? Yes
Do the fillings between the ribs and plates fill in solid with single pieces, ~~or are they in short lengths of various thicknesses?~~ Yes
Do the holes for rivetting plate to frames, lining pieces, or plate to plate, &c., conform well to each other? Yes and are the rivet holes well and sufficiently countersunk in the outer plate? Yes
Are there any rivets which either break into or have been put through the seams or butts of the plating? a few in cases of Butts

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.
<u>A Double</u> <u>Suit</u> <u>of</u> <u>Sails</u>	Fore Sails,	<u>Tested to 31 Tons</u> Chain	<u>210</u> <u>17 1/2</u>	<u>Tested to 19 1/2 Tons</u> Bower,	<u>3</u> <u>15.3.0</u>
	Fore Top Sails,	Hempen Stream Cable	<u>90</u> <u>8</u>	<u>Rodgers Patent</u> Stream,	<u>3</u> <u>15.2.0</u>
	Fore Topmast Stay Sails,	Hawser <u>Chain</u>	<u>70</u> <u>14 1/2</u>	<u>Common</u> Kedge,	<u>1</u> <u>5.3.10</u>
	Main Sails,	Towlines	<u>90</u> <u>6</u>		
	Main Top Sails,	Warp	<u>90</u> <u>4 1/2</u>		
and		All of <u>Good</u> quality.			

Her Standing and Running Rigging Galley War & Hemp sufficient in size and Good in quality.
She has one Long Boat, and Life Boat, and Pinnace

The present state of the Windlass is new Capstan new and Rudder new Pumps new and efficient

General Remarks, Statement and Date of Repairs, extent of corrosion (if any) both internally and externally, and condition of rivets.

- DATES of Surveys held while building, as per Section 17.
- 1st. On the several parts of the frame, when in place, and before the plating was wrought
 - 2nd. On the plating during the progress of rivetting Built under ordinary survey
 - 3rd. When the beams were in and fastened, and before the decks were laid from 25th June till 1st Aug
 - 4th. When the ship was complete, and before the plating was finally coated
 - 5th. After the ship was launched

In what manner are the surfaces preserved from oxidation? Flat of Bottom coated with Colland cement
run inside with Red Lead and Paint

I am of opinion this Vessel should be classed 12 A. 1

The amount of the Fee£ 5 : : : is received by me,

New Special£ 5 : 5 : :

Certificate (if required)£ : : 5 : :

Committee's Minute 13th November 1863

Character assigned A 1 for 12 Years

A. O. Darling

This sailing Paper of Iron appears eligible for Classification as recommended above

Nov 12/63
Lloyd's Register Foundation