

397 Survey held at Prince E Island Date January to July 1864  
the Barge Lotus Master M<sup>r</sup> Donald  
Old 238<sup>52/94</sup> Built at Piquet When built 1864 Launched July 1864  
New 281<sup>50/100</sup> Owners Ronald M<sup>r</sup> Donald  
whom built London  
t belonging to Prince E Island Destined Voyage White Building  
Surveyed while Building, Afloat, or in Dry Dock

Length aloft	Feet		Inches		Extreme Breadth Outside		Feet		Inches		Depth of Hold		Feet		Inches	
	118	00	00	00	23	00	25	00	00	00	14	00	14	00	00	00
Length of Keel	106.6															
Stantlings of Timber.																
IMBER AND SPACE	21				23											
Floors	9.10	10	8 3/4	8 1/2	8 1/2	8 1/2										
Foothooks	8.9	8 3/4	8	8 1/2	8 1/2	7 1/2										
Ditto	8.9	8	7 1/2	7 1/2	6 1/2											
Ditto	7.8	7	6 1/2	6 1/2	5											
Top Timbers																
Deck } N <sup>o</sup> 1	Average	4.0	9.10	9.10	7	8 1/2	8 1/2	6 1/2								
Beams } and 7 to 10	Space															
Deck Beams, length amidships			23.3													
Hold } N <sup>o</sup> 1	Average	8.0	11	11	10	11	11	9 1/4								
Beams } these under half prop	Space															
Hold Beams, length amidships			23.0													
Keel			11	12 1/4		11 1/4	11 1/4									
Scarp of Ditto			5.3	13 1/2		12 1/4	13 1/4									
Keelsons			14	13 1/2		12 1/4	13 1/4									
Scarp of Ditto			8.6			5.0										

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, or Iron; also of Treenails.		Copper or Y.M. in Ship.		Iron in Ship.		Inches required per Rule		Copper or Y.M. in Ship.		Iron in Ship.		Inches required per Rule	
Heel-Knee, & Deadwood abaft		1	1 1/8			15 1/8		1	15 1/8			7 1/8	13 1/8
Scarp of Keel, N <sup>o</sup> 1		1	1 1/8			13 1/8		1	13 1/8			7 1/8	13 1/8
Keelson Bolts through Keel at each Floor		1	15 1/8			11 1/8		1	11 1/8			7 1/8	13 1/8
Bolts thro' Heels of Timbers against Deadwood		1	7 1/8			7 1/8		1	7 1/8			7 1/8	13 1/8
Transoms and throats of Hooks						15 1/8							
Arms of Hooks						13 1/8							
Thro' Bilge & Limber Strakes						11 1/8							
Thickstuff over Double Floors						11 1/8							
Butt End Bolts						11 1/8							
Pintles of the Rudder						2 3/8							

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 12 1/2 Inches. The Space between the Top-Timbers is 3 1/2 Inches.  
The Floors consist of 22 feet Birch and Beech Rem. Juniper The First Foothooks of Juniper  
The Second Foothooks of Juniper The Third Foothooks and Top Timbers of Juniper some Cedar  
The Shifts of the First and Second Foothooks are not less than 3 1/2 to 3 1/2 N. B. When less than prescribed by the Rule, state how many.  
The rest of the Shifts of the Frame are 3 1/2 to 3 1/2  
The Frame is well squared from the First Foothook Heads upwards, and generally free from sap, and from thence downwards, the frame is good  
The Frames are iron bolted together to the Gunwale. N. B. If not, state how bolted.  
The Butts of the Timbers are close together; their thickness not less than 1/8 of the entire moulding at that place.  
The Frame is partly choiced with Juniper Butt at each end of the chock. The Main piece of Rudder is Juniper of Windlass is Oak  
The Keel is Beech The Main Keelson is Juniper and free from all defects.  
The Stem, and Stern Post of Juniper The Transoms, Knight Heads, Hawse Timbers, and Aprons of Juniper Deadwood, of Beech under 2 feet high and are free from all defects.

The Deck and Hold Beams of Juniper The Breasthooks of Juniper The Knees of Juniper & Spruce  
Planking Outside.—From the Keel to the Height defined in Note to Table A } the Plank is Beech and Beech  
or to the First Foothook Heads }  
From the above named Height to the Light Water Mark Beech and Beech  
From the Light Water Mark to the Wales Juniper  
The Wales and Black-strakes are Juniper The Topsides & Sheer-strakes Juniper  
The Spirketting and Plank-sheers Juniper The Water-ways { Upper Deck Juniper  
Lower Deck Juniper  
State of good  
The Decks Yellow Pine

The Shifts of the Planking are not less than 5 Feet 6 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, and without step-buttling.  
Planking Inside.—The Limber-strakes and Bilge-strakes are Juniper  
The Ceiling, Lower Hold, and between Decks Juniper Shelf Pieces and Clamps Juniper  
Fastenings.—To Hold Beams Lodging knees of Spruce and Juniper and 6 Pairs of vertical iron knees. of larger dimensions than required by Table 5 extending well down over Bilges  
Deck Beams Lodging knees of Spruce and Juniper and 7 Pairs of vertical iron knees.

Number of Breasthooks 5 Juniper Pointers 1 Pair Juniper Crutches 3 Juniper  
Butt End Bolts are of Yellow metal in the Bottom. two Bolts in each Butt End one of which is through and clenched.  
Bilge and Limber Strakes Yellow metal bolted through and clenched. Treenails of Juniper How Made Turned & Planed  
Thickstuff over Double Floors Juniper bolted through and clenched. General Quality of Workmanship Strong  
We certify that the above is a correct description of the several particulars therein given

Builder's Signature R. M. Donald Surveyor's Signature Richard Lloyd  
R. M. Donald's Register Foundation



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

She has SAILS.			CABLES, &c.			ANCHORS, and their weights.		
N <sup>o</sup> .				Fathoms.	Inches.	Tested to.	N <sup>o</sup> .	Weight.
<i>one out complete &amp; spare. Main topsail. Foresail and main staysail.</i>	Fore Sails,	Chain .....	100	1 1/2	22.15.0	<i>Iron stocks</i> Bower, .....	1	15.1.0
	Fore Top Sails,	Hempen Stream Cable ..	100	1 1/16	20.7.2		1	15.0.0
	Fore Topmast Stay Sails,	Hawser .....	90	1		Stream, .....	1	8 1/2
	Main Sails,	Towlines .....						
	Main Top Sails,	Warp .....	90	5		Kedge, .....	1	1.3.16
and	<i>are</i>	All of <u>good</u> quality.						

Her Standing and Running Rigging are sufficient in size and good in quality.

She has one Long Boat and one other

The present state of the Windlass is good Capstan " Rudder good Pumps 2 Wood

#### General Remarks and Statement and Date of Repairs, if any.

Order for Special Survey,

No. \_\_\_\_\_ Date \_\_\_\_\_

Order for Ordinary Survey,

No. \_\_\_\_\_ Date \_\_\_\_\_

DATES of Surveys  
held while building,  
as per Section 35.

1st. When the Frame is completed

2nd. When the Beams are put in, &c.

3rd. { When completed, and before the }  
plank be painted or payed }

Special Survey

The planking and ceiling appear to be well fitted to the timbers and a fair proportion of the treenails in the bottom through all.

The bolts in the bottom in Butts, Belges, Breasthooks and crutches and on the Iron knee Riders are of Jelbow metal up to the height of the Lower Deck clamps.

I consider her a strong built vessel and eligible to be classed as underneath recommended

Richard Huggell

The owners have arranged to supply 10 fathoms of chain and 1 Bower Anchor upon the vessel's arrival at London with the view to obtain Y.A.1 Classification.

Similar certificates to the one accompanying the report have been furnished for the Anchors on board R.P.

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

If Sheathed, Doubled, Felted, or Coppered

When last done

I am of opinion this Vessel should be Classed

The Amount of the Fee.....£ 3 : " : " is received by me,

Special .....£ 14 : 1 : "

Certificate .....£ 2 : 10 : "

Committee's Minute 16<sup>th</sup> August 1864

Character assigned A-1 for 7 years



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Foundation