

No.            Survey held at London Date April 13<sup>th</sup> to 23<sup>rd</sup> 1854  
on the Barge 'Marathon' Master Jackson 21018  
Tonnage Old 570 New 584 Built at Brooklyn New York When built 1833 Launched             
By whom built            Owners J. Robertson  
Port belonging to London Destined Voyage London to Quebec  
Surveyed while Building, Afloat, or in Dry Dock Messrs Green's Dry Dock

Length aloft .....	Feet. 125	Inches. -	Extreme Breadth Outside .....	Feet. 25	Inches. -	Depth of Hold .....	Feet. 20	Inches. 10
<b>Scantlings of Timber.</b>			<b>Thickness of Plank.</b>					
TIMBER AND SPACE .....	Inches. 21 1/2	Inches. Middle 12	Inches. Ends 12	<b>Outside.</b>		<b>Inside.</b>		Inches.
Floors .....	sided 10	Moulded 12		Garboard Strakes .....	3	Limber Strakes .....		3 1/2
1 <sup>st</sup> Foothooks .....	" 10	" 9 1/2		Garboard to Bilge .....	3	Bilge Planks .....		3 1/2
2 <sup>nd</sup> Ditto .....	" 10	" 9 1/2		Bilge Planks .....	3	Ceiling in Flat .....		3 1/2
3 <sup>rd</sup> Ditto .....	" 9	" 6		Bilge to Wales .....	3	Ditto Bilge to Clamp ....		3 1/2
Top Timbers .....	" 9	" 6		Wales .....	4 1/2	Hold Beam Clamps .....		5 1/2
Deck Beams N <sup>o</sup> 21 Average Space } 5-6	" 11	" 8		Topsides .....	3	Deck Beam Ditto .....		5 1/2
Deck Beams, length amidships .....	23 ft.	" 12		Sheer Strakes .....	4	Ceiling 'twixt Decks ....		3
Hold Beams N <sup>o</sup> 20 Average Space } 5-6	" 12	" 12		Plank Sheers .....	4	Hold Beam Shelves .....		-
Hold Beams, length amidships .....	23 ft.	" 15		Water-Ways } Upper Deck 4 1/2	Lower Deck 9	Deck Beam Ditto .....		-
Keel .....	" 13	" 15		Upper Deck .....				
Scarphs of Ditto .....	" 6 ft.	" 2 1/2						
Keelsons .....	" 14	" 2 1/2						
Scarphs of Ditto .....	" 6 ft.	" 2 1/2						

Size of Bolts in Fastenings, distinguishing whether Copper or Iron; also of Treenails.									
Heel-Knee, and Deadwood abaft	Copper 1/2	Iron 1/2	Transoms and throats of Hooks ..	Copper 1/2	Iron 1/2	Hold Beam Bolts in	Waterway ..	Copper 1/2	Iron 1/2
Scarphs of Keel .....	1/2	1/2	Arms of Hooks .....	1/2	1/2		Knees .....	1/2	1/2
Keelson Bolts through Keel at each Floor .....	1/2	1/2	Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	1/2	1/2	Deck Beam Bolts in	Waterway ..	1/2	1/2
Bolts through Heels of Timbers against Deadwood .....	1/2	1/2	Butt End Bolts .....	3/4	3/4		Knees .....	1/2	1/2
			Pintles of the Rudder .....	2 3/4	2 3/4	Nails or Bolts in Flat of Deck ....	Shelf or Clamp	1/2	1/2
						Treenails .....	Inches	1 1/4	1 1/4

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks is 1 Inches. The Space between the Top-Timbers is 2 Inches.  
The Floors consist of American Oak The First Foothooks of American Oak Timber.  
The Second Foothooks of American Oak The Third Foothooks and Top Timbers of American Oak  
The Shifts of the First and Second Foothooks are not less than Not seen N. B. When less than prescribed by the Rule, state how many.  
The rest of the Shifts of the Frame are Not seen  
The Frame is            squared from the First Foothook Heads upwards, and            free from sap, and from thence downwards, the frame is in good condition where seen  
The alternate Frames are            bolted together to the Gunwale. Not ascertained N. B. If not, state how bolted.  
The Butts of the Timbers are            close together; their thickness not less than Not seen of the entire moulding at that place.  
The Frame is Not seen chocked with Not seen Butt at each end of the chock. The Main Keel is American Oak  
The Main Keelson is Pitch Pine and Not seen free from all defects. The False Keelson is Pitch Pine  
The Stem, and Stern Post, consist of American Oak The Transoms, Aprons, Knight Heads, and Hawse Timbers of American Oak Deadwood, of American Oak and are            free from all defects.  
The Deck and Hold Beams consist of American Oak & Pitch Pine The Breasthooks of American Oak The Knees of American Oak

**Planking Outside.**—From the Keel to the Height defined in Note to Table A } the Plank is American Oak & Birch  
or to the First Foothook Heads }  
From the above named Height to the Light Water Mark American Oak  
From the Light Water Mark to the Wales American Oak doubled with 2 1/2 inch Oak  
The Wales and Black-strakes are American Oak doubled with 2 1/2 inch Oak The Topsides Pitch Pine  
The Sheer-strakes and Plank-sheers American & Baltic Oak The Water-ways { Upper Deck Pitch Pine  
Lower Deck Oak  
The Decks Yellow Pine State of New in 1856  
The Shifts of the Planking are not less than 5 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            between, and without step-butting.

**Planking Inside.**—The Limber-strakes and Bilge-strakes are American Oak  
The Ceiling, Lower Hold, and between Decks American Oak & Pitch Pine Shelf Pieces and Clamps Pitch Pine  
**Fastenings.**—To Hold Beams Hanging and Lodging knees of American Oak fastened with 1<sup>st</sup> Iron Bolts

Deck Beams Hanging and Lodging knees of American Oak fastened with 1<sup>st</sup> Iron Bolts  
Number of Breasthooks 5 Wood & 1 Iron Pointers 1 Pair forward Crutches 1 pair aft  
Butts End Bolts are of Copper in the Bottom, and 1 Bolt in each Butt End through and clenched.  
Bilge & Limber Strakes            bolted through and clenched. Treenails of Lead & Am<sup>st</sup> Oak How Made Planed  
Thickstuff over Double Floors            bolted through and clenched. General Quality of Workmanship Good  
We certify that the above is a correct description of the several particulars therein given  
Builder's Signature            Surveyor's Signature J. R. Light



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

21018 Len

No.	SAILS.	CABLES, &c.	ANCHORS, and their weights.	
			No.	Weight.
	Fore Sails,	Chain .....	Bower, .....	3
	Fore Top Sails,	Hempen Stream Cable .....		
	Fore Topmast Stay Sails,	Hawser .....	Stream, .....	1
	Main Sails,	Towlines .....		
	Main Top Sails,	Warp .....	Kedge, .....	2
	and	All of <u>Good</u> quality.		

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

She has 1 Long Boat and 2 other Boats

The present state of the Windlass is Good Capstan Good Rudder Good Pumps Good

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

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 } \_\_\_\_\_

This Ship has additional thick strakes wrought on the Ceiling at the Belges extending fore & aft and equal to  $4\frac{1}{4}$  in breadth consisting of one strake 10 in thick and one of 8 in thick of American Oak and the rest of Pitch Pine 6 in thick. She has also two strakes wrought fore & aft on the Hold Beams head the Waterway of Pitch Pine 6 in thick.

Repairs from damage & decay. on the Starboard side 10 new Rongthens and 3 shifts of Sheerstrake Port side 4 new Rongthens. all renewed of Baltic Oak. Hanging Stairs to Hold Beams additionally bolted with 1 in Iron. 1 Iron Hook added also bolted with Iron. Braces renewed.

The Ship hung in shores and caulked from Keel to Gunwale (Topboards excepted). Yellow metal sheathing not renewed. 2 new Gunwale Iron.

This Vessel had a new deck. and 13 strakes of 2 1/2 inch Black Elm Doubling on Wale & upper courses. and also a new Windlass in 1856.

Present condition of Caulking of Bottom, new done Deck, Good and Waterways new done

If Sheathed, Doubled, Felted, or Coppered Wale & upper courses renewed When last done 1856

I am of opinion this Vessel should be Classed A. 1. in Black

The Amount of the Fee.....£ 5 : - : - is received by me,

Special .....£ : : -

Certificate .....£ : 5 : -

Committee's Minute 24th April 1857

Character assigned Ex. 1

W. J. Mumford  
J. F. Right  
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Foundation