

No. 296 Survey held at Prince Edward Island Date February to Dec 1862  
on the Vessel "Alexander" Master Walsh  
Tonnage Old 299 82/94 Built at Hillsborough When built 1862 Launched Dec 1862  
By whom built Alex. Hayden Owners W. W. Lord & Co  
Port belonging to Prince Edward Island Destined Voyage London  
If Surveyed while Building, Afloat, or in Dry Dock While Building

Length aloft		Feet.	Inches.	Extreme Breadth Outside		Feet.	Inches.	Depth of Hold		Feet.	Inches.
100		111	50	24		24	30	12		12	80
Length of Keel		Feet.		Inches.		Feet.		Inches.		Feet.	
100		111		50		24		30		12	
Scantlings of Timber.		Feet.		Inches.		Feet.		Inches.		Feet.	
Timber and Space		Feet.		Inches.		Feet.		Inches.		Feet.	
Floors		Feet.		Inches.		Feet.		Inches.		Feet.	
1st Foothooks		Feet.		Inches.		Feet.		Inches.		Feet.	
2nd Ditto		Feet.		Inches.		Feet.		Inches.		Feet.	
3rd Ditto		Feet.		Inches.		Feet.		Inches.		Feet.	
Top Timbers		Feet.		Inches.		Feet.		Inches.		Feet.	
Deck		Feet.		Inches.		Feet.		Inches.		Feet.	
Beams		Feet.		Inches.		Feet.		Inches.		Feet.	
Deck Beams, length amidships		Feet.		Inches.		Feet.		Inches.		Feet.	
Hold		Feet.		Inches.		Feet.		Inches.		Feet.	
Beams		Feet.		Inches.		Feet.		Inches.		Feet.	
Hold Beams, length amidships		Feet.		Inches.		Feet.		Inches.		Feet.	
Keel		Feet.		Inches.		Feet.		Inches.		Feet.	
Scarp of Ditto		Feet.		Inches.		Feet.		Inches.		Feet.	
Keelsons		Feet.		Inches.		Feet.		Inches.		Feet.	
Scarp of Ditto		Feet.		Inches.		Feet.		Inches.		Feet.	

Heel-Knee, and Deadwood abaft		Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	
Scarp of Keel		Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	
Keelson Bolts through Keel at each Floor		Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	
Bolts through Heels of Timbers against Deadwood		Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	
Transoms and throats of Hooks		Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	
Arms of Hooks		Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	
Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors		Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	
Butt End Bolts		Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	
Pintles of the Rudder		Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	
Hold Beam Bolts in Waterway		Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	
Deck Beam Bolts in Waterway		Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	
Nails or Bolts in Flat of Deck		Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	
Treenails		Feet.		Inches.		Feet.		Inches.		Feet.		Inches.	

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 12 3/4 Inches. The Space between the Top-Timbers is 4 1/2 Inches.

The Floors consist of 50 feet Birch and Beech. The First Foothooks of Juniper

The Second Foothooks of Juniper The Third Foothooks and Top Timbers of Juniper

The Shifts of the First and Second Foothooks are not less than 3 1/2 to 3 9/8 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 9/8

The Frame is well squared from the First Foothook Heads upwards, and generally free from sap, and from thence downwards, the

frame is good and treenailed

The alternate 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 1/3 of the entire moulding at that place.

The Frame is partly chocked with Gunwale Butt at each end of the chock. The Main piece of Rudder is Oak

The Main Keelson is Juniper one shift Oak and free from all defects. The Main piece of Windlass is Oak

The Stem, and Stern Post, consist of Juniper The Transoms, Aprons, Knight Heads, and

Hawse Timbers of Juniper Deadwood, of Juniper back under 2 feet and are free from all defects.

The Deck and Hold Beams consist of Juniper The Breasthooks of Juniper The Knees of Spruce

Planking Outside.—From the Keel to the Height defined in Note to Table A the Plank is Birch and Beech

the above named Height to the Light Water Mark Juniper

From the Light Water Mark to the Wales Juniper

The Wales and Black-strakes are Juniper

The Sheer-strakes and Plank-sheers Juniper

The Decks Spruce

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

Fastenings.—To Hold Beams Lodging knees of Spruce

Deck Beams Lodging knees of Spruce and 6 Pairs of vertical iron knees.

Number of Breasthooks 5 Juniper Pointers 1 Pair Juniper Crutches 2 Juniper

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

Bilge and Limber Strakes Yellow metal bolted through and clenched. Treenails of Juniper for 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 W. A. Hayden Surveyor's Signature R. D. Lloyd



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.		N <sup>o</sup> .	Weight.
<u>one</u>	Fore Sails,	Chain .....	<u>60</u>	<u>7/8</u>	Bower, .....	<u>1</u>	<u>9</u>
<u>quint</u>	Fore Top Sails,	Hempen Stream Cable .....	<u>60</u>	<u>7/8</u>	Stream, .....		
<u>complete</u>	Fore Topmast Stay Sails,	Hawser .....			Kedge, .....	<u>1</u>	<u>2</u>
	Main Sails,	Towlines .....	<u>60</u>	<u>5</u>			
	Main Top Sails,	Warp .....					
and	<u>are</u>	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 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.

DATES of Surveys held while building, as per Section 35.	1st. When the Frame is completed	<u>Special Survey</u>
	2nd. When the Beams are put in, &c.	
	3rd. { When completed, and before the plank be painted or payed }	

This vessel is built with single floors amidships, with first futtocks meeting at the centre line connected together with cross chocks. The floors forward and aft are double. The planking and the ceiling are well wrought to timbers, and a large proportion of the treenails in the bottom are through all. The principal securities are of a substantial character and efficiently through bolted.

The bolts in the bottom in Butts, Bilges, Breasthooks, and crutches are of Yellow metal up as high as the Wakes.

I consider her eligible to be clasped as underneath recommended.

Pech & Loggett.

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 A

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

Special .....£ 10 : 6 : "

Travel Expenses .....£ 2 : 10 : "

Committee's Minute 6 January 1862

Character assigned A - for 7 years