

No. 798 Survey held at Ponce & Island Date January to September 1869  
on the Barque "Alaska" Master Ross  
Tonnage under tonnage deck 315.56 Built at Louis When built 1869 Launched July 1869  
Roundhouse By whom built Benj<sup>n</sup> Davies Owners Benj<sup>n</sup> Davies  
Tonnage 335.42 Port belonging to Ponce & Island Destined Voyage Liverpool  
Surveyed while Building, Afloat, or in Dry Dock While building

Length as per section 39 ..	Feet. 118	Inches. 0	Extreme Breadth Outside	Feet. 26	Inches. 7	Depth of Hold .....	Feet. 14	Inches. 11 1/2	Number of Decks	One
Length of Keel .....	118	0								
<b>Scantlings of Timber.</b>										
TIMBER AND SPACE .....	20		24 1/2			<b>Outside Plank.</b>				
Floors .....	Double		9 1/2	9 1/2	8 3/4	Garboard Strakes ..	3 1/2	3 1/2	<b>Dimensions of Ship per Register,</b>	
1 <sup>st</sup> Foothooks .....	9 1/2	8 1/2	8 1/2	8 1/2	7 3/4	Garboard to Bilge ..	3 1/2	3 1/2		
2 <sup>nd</sup> Ditto .....	8 1/2	8	7 1/2	8	6 3/4	Bilge Planks .....	4 1/2	3 1/2		
3 <sup>rd</sup> Ditto .....	8 1/2	7 1/2	5 1/2	7 1/2	6 3/4	Bilge to Wales ....	3 1/2	3 1/2	<b>Inside Plank.</b>	
Top Timbers .....	8 1/2	7 1/2	5 1/2	7 1/2	6 3/4	Wales .....	4 1/2	4 1/2		
Deck } N <sup>o</sup> 22 Average } 4.0	8 1/2	7 1/2	5 1/2	7 1/2	6 3/4	Topsides .....	4 1/2	3 1/2		
Beams } Space } 8.0	11 1/2	12	10 1/2	11 1/2	9 1/2	Sheer Strakes .....	4 1/2	3 1/2	<b>Limber Strakes ...</b>	
Deck Beams, length amidships .....	24.6					Plank Sheers .....	3 1/4	3 1/4		
Hold } N <sup>o</sup> 9 Average } 8.0	11 1/2	12	10 1/2	11 1/2	9 1/2	Water-Upper Deck	6 1/2	7 1/4		
Beams } Space } 8.0	11 1/2	12	10 1/2	11 1/2	9 1/2	Ways Lower Deck			<b>Hold Beam Clamps</b>	
Hold Beams, length amidships .....	24.4					Ditto, faying surface against Timbers ..	6 1/2	6 1/2		
Keel .....	11 1/2	12	10 1/2	11 1/2	9 1/2	Upper Deck .....	3	3		
Scarp of Ditto .....	5.4								<b>Deck Beam Ditto</b>	
Keelsons .....	10 1/2	10 1/2								
Scarp of Ditto .....	5.6									

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, or Iron; also of Treenails.

Heel-Knee, & Deadwood abaft	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule	Transoms and throats of Hooks	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule	Hold Beam Bolts in	Waterway ..	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule
Scarp of Keel, N <sup>o</sup> 4		7/8	7/8	Arms of Hooks .....	7/8	7/8	7/8		Knees .....		7/8	7/8
Keelson Bolts through Keel at each Floor .....		1	1	Thro' Bilge & Limber Strakes	7/8	7/8	7/8	Deck Beam Bolts in	Waterway ..		13/16	13/16
Bolts thro' Heels of Timbers against Deadwood .....		7/8	7/8	Thickstuff over Double Floors	3/4		3/4		Knees .....		13/16	13/16
				Butt End Bolts .....	3/4	3/4	1/16		Shelf or Clamps		7/8	3/4
				Pintles of the Rudder .....	2 1/2	2 1/2	2 1/2	Nails or Bolts in Flat of Deck				
								Treenails .....	Inches		1 1/2	Juniper

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks is 12 to 2 Inches. The Space between the Top-Timbers is 2.3 1/2 Inches.

The Floors consist of 55 feet Birch & Beech & Juniper 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 3.9 N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are 3.9

The Frame is well squared from 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 1/3 of the entire moulding at that place.

The Frame is choiced with a Butt at each end of the choick. The Main piece of Rudder is Juniper of Windlass is Juniper

The Keel is Birch The Main Keelson is Oak and Juniper and free from all defects.

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

The Deck and Hold Beams of Juniper Deadwood, of Birch under 2 feet and are free from all defects.

The Breasthooks of Juniper The Knees of Spruce & Juniper

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

From the above named Height to the Light Water Mark Birch

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

The Decks Spruce State of good Lower Deck

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 9 Pairs of vertical iron knee ridels (3" broad, 4 1/2 at angle 3" at throat bolts, 2" and 1 3/4 at joints of timbers) extending down over the bilges taking two bolts through a substantial part of floor

Beams Lodging knees of Spruce and Juniper and 9 pairs vertical iron knees 3" broad, 4 1/2 at angle 3" at throat bolts.

Number of Breasthooks 5 Juniper Pointers 1 Pair Juniper Crutches 2 and 1 Hook 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 Farnis & Planed

Thickstuff over Double Floors Yellow metal bolted through and clenched. General Quality of Workmanship good

We certify that the above is a correct description of the several particulars therein given

Signature Benj<sup>n</sup> Davies Surveyor's Signature Rich<sup>d</sup> Rogers



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

N <sup>o</sup> .	She has SAILS.	CABLES, &c.			ANCHORS, &c.		
		Fathoms.	Size.	Tested to, as per Certificate.	N <sup>o</sup> .	Weight. Ex. Stock.	Tested to, as per Certificate.
<u>one</u> <u>Quilt</u>	Fore Sails,	Chain .....	120	1 3/16	Bower, .....	1	12.0.8
	Fore Top Sails,	Hempen Stream-Cable ..				1	12.0.8
	Fore Topmast Stay Sails,	Hawser .....	60	4	Stream, .....		
	Main Sails,	Towlines .....			Kedge, .....	1	2.2.8
	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 one other  
The present state of the Windlass is good Capstan Iron Rudder good Pumps 2 Wood

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 22 Jan'y

2nd. When the Beams are put in, &c. 19 May

3rd. { When completed, and before the }  
plank be painted or payed } 27 July, 16 Sep

### General Remarks

The securities are strong and heavily through fastened, and as far as can be seen the planking and ceiling very fairly wrought. The Jam knees and knee riders are considerably in excess of the requirements of Rule Table F and are very well fitted and fastened.

The builder considered the Register tonnage under deck would not be in excess of 300 tons. The main pieces of Windlass and Rudder are, as stated on the face of the report Juniped, which is allowed by Rule Table A for ships of 300 tons and under only.

The Rudder head is 12" x 13" and is strong.

In other respects it is submitted she is eligible for her contemplated classification viz J.A.

Richard Hoggett

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 .....£ 9 : " : "

Certificate .....£ 8 : 5 : "

Travelling expenses

Committee's Minute 21<sup>st</sup> September 1869

Character assigned A - for 7 years

Richard Hoggett



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