

No. 1179 Survey held at Sersey Date August & September 10 1869
on the Bk "BELLA" Master Arthur
Tonnage Old New 228 Built at Sersey When built 1863 & 1864 Launched 18 August 1864
By whom built Ed de Monte & Co Owners Arthur & Co
Port belonging to Sersey Destined Voyage _____
Surveyed while Building, Afloat, or in Dry Dock While building

Length aloft	Feet.			Inches.			Extreme Breadth Outside	Feet.			Depth of Hold	Feet.			Inches.
	Sided.	Middle.	Ends.	Sided.	Middle.	Ends.		Sided.	Middle.	Ends.		Sided.	Middle.	Ends.	
112							250	22			14				14
Thickness of Plank.															
Scantlings of Timber.								Outside.							
TIMBER AND SPACE								Garboard Strakes							
Floors								Garboard to Bilge							
1 st Foothooks								Bilge Planks							
2 nd Ditto								Bilge to Wales							
3 rd Ditto								Wales							
Top Timbers								Topsides							
Deck { N ^o 17 Average } 3/10								Sheer Strakes							
Beams { N ^o 17 Average } 3/10								Plank Sheers							
Deck Beams, length amidships								Water- { Upper Deck 10 1/2 x 9 1/4							
Hold { N ^o 7 Average } 8 feet								Lower Deck							
Hold Beams, length amidships								Ditto, faying surface against Timbers							
Keel								Upper Deck							
Scarp of Ditto								Sister Keelsons 8 1/4 x 9							
Keelsons															
Scarp of Ditto															

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

Heel-Knee, & Deadw'd 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
1 1/8			1 1/8	1 1/8			1 1/8	1 1/8	1 1/8			1 1/8
Scarp of Keel, N ^o 7	1 1/8		1 1/8	Arms of Hooks	1 1/8		1 1/8	1 1/8	1 1/8			1 1/8
Keelson Bolts through Keel at each Floor	1 1/8		1 1/8	Thro' Bilge & Limber Strakes	1 1/8		1 1/8	1 1/8	1 1/8			1 1/8
Bolts thro' Heels of Timbers against Deadwood	1 1/8		1 1/8	Thickstuff over Double Floors	1 1/8		1 1/8	1 1/8	1 1/8			1 1/8
				Butt End Bolts	1 1/8		1 1/8	1 1/8	1 1/8			1 1/8
				Pintles of the Rudder	2 1/2		2 1/2	2 1/2	2 1/2			2 1/2
								Nails or Bolts in Flat of Deck	5. Galv.			
								Treenails 1 1/8 Inches				

Timbering.—The Space between the Floor Timbers and Lower Foothooks is _____ Inches. The Space between the Top-Timbers is _____ Inches.

The Floors consist of French oak The First Foothooks of French oak

The Second Foothooks of French oak The Third Foothooks and Top Timbers of French oak

The Shifts of the First and Second Foothooks are not less than 1/4 N.B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are grad

The Frame is fairly squared from the First Foothook Heads upwards, and fairly free from sap, and from thence downwards, the frame is fair

The _____ Frames are not belted together to the Gunwale. N.B. If not, state how belted.

The Butts of the Timbers are _____ close together; their thickness not less than 1/3 of the entire moulding at that place.

The Frame is rop choaked with a Butt at each end of the chock. The Main piece of Rudder is 1 oak of Windlass is 1 oak

The Keel is in 3 x 4 in The Main Keelson is 1 oak and _____ free from all defects.

The Stem, and Stern Post of French oak The Transoms, Knight Heads, Hawse Timbers,

and Aprons of French oak Deadwood, of in 1 1/2 x 2 1/2 and are _____ free from all defects.

The Deck and Hold Beams of French oak The Breasthooks of oak & iron The Knees of iron/same wood

Planking Outside.—From the Keel to the Height defined in Note to Table A } the Plank is Baltic 16 Pine
or to the First Foothook Heads }

From the above named Height to the Light Water Mark Baltic 16 Pine

From the Light Water Mark to the Wales Baltic 16 Pine

The Wales and Black-strakes are Baltic oak The Topsides & Sheer-strakes Baltic oak

The Spirketting and Plank-sheers Baltic oak The Water-ways { Upper Deck Baltic 16 Pine

The Decks Yellow Pine State of Good Lower Deck _____

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 Three between, and without step-buttling.

Planking Inside.—The Limber-strakes and Bilge-strakes are Baltic oak

The Ceiling, Lower Hold, and between Decks Baltic 16 Pine Shelf Pieces and Clamps Baltic 16 Pine

Fastenings.—To Hold Beams Iron lagging pieces in all spaces and on iron hanging

knives to each beam arm

Deck Beams Thick shelf & 1/2 way, iron lagging knees in mast rooms & before break of 1st deck

wood lagging knees to 3 beams forward & iron hanging knees to every beam

quarter deck, iron lagging knees in all spaces & on thick shelf

Number of Breasthooks 1 wood - 3 iron Pointers 1 iron over stem timber Crutches one

Butt End Bolts are of 4 metal in the Bottom: iron Bolts in each Butt End one through and clenched.

Bilge and Limber Strakes 1 1/2 bolted through and clenched. Treenails of 4 oak How Made Turned

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 Samuel de Monte & Co Surveyor's Signature Henry J. Gurnell

5CR549-0339

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

She has SAILS.

No.	
<u>One Suit</u>	Fore Sails,
<u>and</u>	Fore Top Sails,
<u>Spare Sails</u>	Fore Topmast Stay Sails,
<u>as</u>	Main Sails,
<u>usual.</u>	Main Top Sails,
	and

CABLES, &c.

	Fathoms.	Inches.
<u>22. 15. 0</u>	<u>90</u>	<u>1 1/2</u>
<u>10. 2. 0</u>	<u>105</u>	<u>1 1/2</u>
<u>25. 10. 0</u>	<u>60</u>	<u>1 3/4</u>
	Hawser	<u>80</u>
	Towlines	<u>40</u>
	Warp	<u>90</u>
		<u>100</u>
	All of <u>Good</u> quality.	<u>3 1/2</u>

ANCHORS, and their weights.

	No.	Weight.
<u>Prot 17. 7. 2. 0</u>	<u>1</u>	<u>16. 0. 0</u>
<u>14. 4. 0. 10</u>	<u>1</u>	<u>12. 1. 14</u>
<u>14. 4. 0. 7</u>	<u>1</u>	<u>12. 1. 14</u>
		<u>4. 3. 14</u>
		<u>2. 0. 8</u>
		<u>1. 0. 0</u>

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

She has One Long Boat and Two Others.

The present state of the Windlass is Good Capstan Stump, Rudder and 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	<u>March 1864</u>
	2nd. When the Beams are put in, &c.	<u>June 1 1864</u>
	3rd. { When completed, and before the plank be painted or payed }	<u>July 1864</u>



Built under Special Survey

The whole of the outside Planking, as well as the Sides of Bulkheads, against the Deadwood - fastened with Yellow Metal to the total exclusion of Iron, in accordance with Rules. Sec. 46 -

Pieces cut out of Planking to test caulking - Anchors and Chains tested at the Public Machine belonging to the Jersey Mutual Insurance Society, and Certificates produced -

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

~~It~~ Sheathed, ~~Doubled~~, ~~Felted~~, or ~~Coppered~~ with Y. Metal to Leadline When last done Now

I am of opinion this Vessel should be Classed G. H. 1

The Amount of the Fee.....£ 3 : 0 : 0 is received by me, Amey. J. Syrell

Special£ 11 : 8 : 0

Certificate£ : : 14. 8. 0

Committee's Minute 23rd September 1864

Character assigned A 1 for 9 Years

(A & C. P.)



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