

No. 1164 Survey held at Jersey Date April 24th 1864
on the smack "Bellona" Master Bisson
Old Tonnage Built at Jersey When built 1863-64 Launched April 23rd
New 58 By whom built D. Se Shneur Owners Bisson & Co
Part belonging to Jersey Destined Voyage Boasting
If Surveyed while Building, Afloat, or in Dry Dock While Building

Length aloft			Extreme Breadth Outside			Depth of Hold		
40			14			8		
Feet.			Inches.			Feet.		
IN SHIP.			REQUIRED PER RULE.			IN SHIP.		
Sided.			Sided.			Sided.		
Middle.			Middle.			Middle.		
Ends.			Ends.			Ends.		
Average			Average			Average		
Space			Space			Space		
Scantlings of Timber.			Outside.			Inside.		
Timber and Space			Garboard Strakes			Limber Strakes		
Floors	18	4	Garboard to Bilge	2 1/2	2	Bilge Planks	3	2 1/2
1 st Foothooks	4	8	Bilge Planks	2 1/2	2	Ceiling in Flat	1 3/4	1 1/2
2 nd Ditto	6	6 3/4	Bilge to Wales	2 1/2	2	Ditto Bilge to Clamp	1 3/4	1 1/2
3 rd Ditto	6	6	Wales	3 1/2	3	Hold Beam Clamps	"	"
Top Timbers	6	6	Topsides	2 1/2	2 1/4	Deck Beam Ditto	2 1/2	2 1/4
Deck Beams	5 1/2	4 3/4	Sheer Strakes	2 1/2	2 1/4	Ceiling 'twixt Decks	1 3/4	1 1/2
Beams	6 3/4	5 1/2	Plank Sheers	2 1/2	2	Hold Beam Shelves	"	"
Hold Beams	14	5	Water - Upper Deck	4	4	Deck Beam Ditto	4 x 6	"
Beams	"	"	Ways - Lower Deck	"	"			
Hold Beams	"	"	Ditto, faying surface	4	4			
Keel	9	11	against Timbers	2 1/2	2 1/2			
Scarp of Ditto	5	6	Upper Deck	2 1/2	2 1/2			
Keelsons	10	10 1/2						
Scarp of Ditto	4	9						

Heel-Knee, and Deadwood abaft			Transoms and throats of Hooks			Hold Beam Bolts in		
Scarp of Keel	3 1/4	1 1/2	Arms of Hooks	1	3/4	Knees	5	10
Keelson Bolts through Keel at	4/8	3/4	Bolts thro' Bilge & Limber Strakes,	5/8	5/8	Shelf or Clamp	5/8	4 1/2
each Floor	3/4	10/16	or Thickstuff over Double Floors	5/8	5/8	Waterway	5/8	4 1/2
Bolts through Heels of Timbers	3/4	10/16	Butt End Bolts	5/8	5/8	Knees	5/8	4 1/2
against Deadwood	3/4	10/16	Pintles of the Rudder	2	1 1/2	Shelf or Clamp	5/8	4 1/2
						Nails or Bolts in Flat of Deck	5/8	10/16
						Treenails	5	1

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 2 to 3 Inches. The Space between the Top-Timbers is 3 to 4 Inches.
The Floors consist of Jersey Oak & Chesnut The First Foothooks of Jersey Oak & Chesnut
The Second Foothooks of Jersey Oak The Third Foothooks and Top Timbers of Jersey Oak
The Shifts of the First and Second Foothooks are not less than 1/6 of breadth N. B. When less than prescribed by the Rule, state how many.
The rest of the Shifts of the Frame are sufficient
The Frame is fairly squared from the First Foothook Heads upwards, and fairly free from sap, and from thence downwards, the frame is fairly squared
The alternate Frames are 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 1/3 of the entire moulding at that place.
The Frame is cross chocked with some Butt at each end of the chock. The Main piece of Rudder is Jersey Oak
The Main Keelson is Continental White Oak & Chesnut free from all defects. The Main piece of Windlass is Jersey Oak
The Stem, and Stern Post, consist of Jersey Oak The Transoms, Aprons, Knight Heads, and
Hawse Timbers of Jersey Oak Deadwood, of Jersey Oak and are free from all defects.
The Deck and Hold Beams consist of Jersey Oak The Breasthooks of Iron The Knees of French Oak

Planking Outside.—From the Keel to the Height defined in Note to Table A, the Plank is Red Pine
From the above named Height to the Light Water Mark Red Pine & English Elm Bilge Planks
From the Light Water Mark to the Wales Continental White Oak
The Wales and Black-strakes are Continental White Oak The Topsides Continental White Oak
The Sheer-strakes and Plank-sheers Continental White Oak & Red Pine Water-ways Upper Deck Red Pine
The Decks Yellow Red Pine Lower Deck
State of Good
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 3 between, and without step-buttling.

Planking Inside.—The Limber-strakes and Bilge-strakes are Red Pine
The Ceiling, Lower Hold, and between Decks Red Pine Shelf Pieces and Clamps Red Pine & Chesnut
Fastenings.—To Hold Beams

Deck Beams French Oak Lodging Trees
Number of Breasthooks 2 Pointers
Butts End Bolts are of 4 Metal in the Bottom, and 2 Bolts in each Butt End through and clenched.
Bilge and Limber Strakes are bolted through and clenched. Treenails of English Oak How Made Circular
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 Daniel Le Sueur Surveyor's Signature
50859-0310

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

She has SAILS.

CABLES, &c.

ANCHORS, and their weights.

N^o.

Fore Sails,

Fore Top Sails,

Fore Topmast Stay Sails,

Main Sails,

Main Top Sails,

and

Chair

Hempen Stream Cable

Hawser

Towlines

Warp

All of Good quality.

Fathoms.

Inches.

Bower,

Stream,

Kedge,

N^o.

Weight.

2

1

1

4-3-2

3-3-10

1-2-0

1-6-0

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

She has One Long Boat and

The present state of the Windlass is Good Capstan Which 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

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

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

December 30th 1863

January 13th 1864

March 1864

Built under Special Survey

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

If Sheathed, Doubled, Felted, or Coppered Good When last done Good

I am of opinion this Vessel should be Classed Small

The Amount of the Fee.....£ 1 : 0 : 0 is received by me,

Special£ 2 : 18 : 0

Certificate£ 0 : 0 : 0

Committee's Minute 6th May 1864

Character assigned 1st 8 Years



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