

No. 637 Survey held at Ramsey Date 20/7/68 637
 on the New Barque "Vectis" 18
 Old Tonnage Built at J. G. Brown When built 1868 Launched Aug 1868
 New 59^t 40^t By whom built J. & E. Milligan Owners J. & E. Milligan
 Port belonging to J. G. Brown Destined Voyage St. Ives to Glasgow
 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.	
	Sided,	In Ship.	Middle.	Ends.		Required per Rule.	Sided.	Middle.	Ends.	Moulded.	In Ship.	Required per Rule.	Inches.	
Scantlings of Timber.														
TIMBER AND SPACE	37				30 ¹ / ₄						Outside.	Thickness of Plank.		
Floors	12.15	12 ¹ / ₂	12 ¹ / ₂		13 ¹ / ₄	13 ¹ / ₄					Garboard Strakes ..	4 ¹ / ₂	4	
1 st Foothooks	10.13	10 ¹ / ₄	10 ¹ / ₄		11 ¹ / ₄	11 ¹ / ₄					Garboard to Bilge ..	4	4	
2 nd Ditto	10.12	10 ¹ / ₄	10 ¹ / ₄		10 ¹ / ₄	10 ¹ / ₄					Bilge Planks	4	4	
3 rd Ditto											Bilge to Wales	4	4	
Top Timbers	3.10	10 ¹ / ₂	6 ¹ / ₂		7 ¹ / ₄	7 ¹ / ₄	6 ¹ / ₄				Wales	5	5	
Deck { N° 10 Average Space }	10 ¹ / ₂	9 ¹ / ₄	8		9 ¹ / ₄	9 ¹ / ₄	7 ³ / ₄				Topsides	4	4	
Deck Beams, length amidships	29 feet 4 ¹ / ₂										Sheer Strakes	4	4	
Hold { N° 15 Average Space }	15.14	15 ¹ / ₂	10 ¹ / ₄		12 ¹ / ₄	12 ¹ / ₄	10 ¹ / ₄				Plank Sheers	4 ¹ / ₂	4	
Hold Beams, length amidships	29 feet 1 ¹ / ₂										Water-ways { Upper Deck	8 ¹ / ₂ x 4 ¹ / ₂	8	
Keel	14 ¹ / ₂	14 ¹ / ₂	14 ¹ / ₂		14 ¹ / ₂	14 ¹ / ₂					Ways { Lower Deck	9 x 11		
Scarps of Ditto	6 feet 1 ¹ / ₂										Ditto, faying surface against Timbers	12 ¹ / ₄ x 10 ¹ / ₂	8	
Keelsons ... (Naga. 11 x 11.)	15 ¹ / ₂	15 ¹ / ₂	15 ¹ / ₂		15 ¹ / ₂	15 ¹ / ₂					Upper Deck	9 ¹ / ₂	8	
Scarps of Ditto	6 feet													

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

Copper or Iron.	Iron.	Inches required per Rule	Copper or Iron.	Iron.	Inches required per Rule	Copper or Iron.	Iron.	Inches required per Rule
Heel-Knee, and Deadwood abaft	1 ¹ / ₂	1 ¹ / ₂	Transoms and throats of Hooks	1 ¹ / ₂	1 ¹ / ₂	Hold Beam Bolts in Knees	1 ¹ / ₂	1 ¹ / ₂
Scarps of Keel	N. 8		Arms of Hooks	1 ¹ / ₂	1 ¹ / ₂	Shelf or Clamp	1 ¹ / ₂	1 ¹ / ₂
Keelson Bolts through Keel at each Floor	140 ¹ / ₂	14 ¹ / ₂	Bolts thro' Bilge & Limber Strakes	1 ¹ / ₂	1 ¹ / ₂	Waterway	1 ¹ / ₂	1 ¹ / ₂
Bolts through Heels of Timbers against Deadwood	18	18	or Thickstuff over Double Floors	1 ¹ / ₂	1 ¹ / ₂	Deck Beam Bolts in Knees	1 ¹ / ₂	1 ¹ / ₂
			Butt End Bolts (Chocks)	1 ¹ / ₂	1 ¹ / ₂	Shelf or Clamp	1 ¹ / ₂	1 ¹ / ₂
			Pintles of the Rudder	3 ¹ / ₂	3 ¹ / ₂	Nails or Bolts in Flat of Deck	1 ¹ / ₂	1 ¹ / ₂
						Treenails	1 ¹ / ₂	1 ¹ / ₂

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 1 Inches. The Space between the Top-Timbers is 0¹/₂ Inches.

The Floors consist of 29 feet 6¹/₂ of Brick anisotropic & The First Foothooks of Scawars.

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

The Shifts of the First and Second Foothooks are not less than 4 feet 6¹/₂ N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are 4 feet 6¹/₂

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

The alternate Frames are fairly 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 4¹/₂ of the entire moulding at that place.

The Frame is short chocked with Butt at each end of the chock.

The Main piece of Rudder is Half

The Main Keelson is Scawars & Red Pine and free from all defects.

The Main piece of Windlass is Red

The Stem, and Stern Post, consist of

The Transoms, Aprons, Knight Heads, and

Hawse Timbers of Scawars Red Pine Cape Deadwood, of 14" Brick Scawars and are free from all defects.

The Deck and Hold Beams consist of Scawars Red Pine Cape The Breasthooks of Scawars The Knees of Scawars Scawars Red Pine

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

From the above named Height to the Light Water Mark

Brick and Scawars

From the Light Water Mark to the Wales

Scawars & Red Pine.

The Wales and Black-strokes are

Scawars & Red Pine.

The Topsides Scawars & Red Pine.

The Sheer-strokes and Plank-sheers

Scawars and Red Pine.

The Water-ways { Upper Deck Scawars Red, & Scawars Lower Deck Scawars & Red Pine.

The Decks White Pine.

State of Good

The Shifts of the Planking are not less than 5 Feet 0 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 Hand between, and without step-butting

Planking Inside.—The Limber-strokes and Bilge-strokes are Red Pine, and Scawars

The Ceiling, Lower Hold, and between Decks Red Pine, & Scawars Shelf Pieces and Clamps Red Pine & Scawars

Fastenings.—To Hold Beams Lodging Brees of Scawars and Scawars Size 8" and 13 pairs of Box Plane Riders, Two Pairs of Box Brees on Timbers.

Deck Beams Lodging Brees of Scawars and Scawars Size 9" and 14 Pairs Box Plane Riders.

Number of Breasthooks

Six

Pointers

Five Pairs

Crutches

Four

Butts End Bolts are of Iron

in the Bottom, and Five one of which is Bolts in each Butt End through and clenched.

Bilge and Limber Strakes

bolted through and clenched. Treenails of Scawars, How Made Scawars

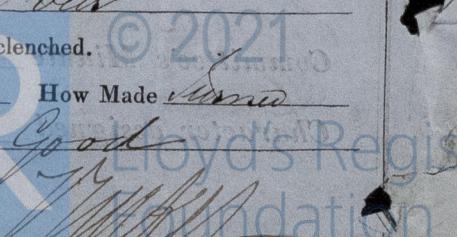
Thickstuff over Double Floors

bolted through and clenched. General Quality of Workmanship

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

Builder's Signature Ed. E. Milligan

Surveyor's Signature



Her Masts, Yards, &c. are in Good condition and strength.

She has SAILS.

Nº.	Fore Sails,	Chain	Fathoms.	Inches.
No. of Sails.	Fore Top Sails,	Hempen Stream Cable	20	12
	Fore Topmast Stay Sails,	Hawser	75	12
	Main Sails,	Towlines	89	12
and	Main Top Sails,	Warp		
	All of <u>Good</u> quality.			

ANCHORS, and their weights.

Nº.	Weight.
Bower,	29.5 lb
Stream,	29.2 lb

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

She has Two Boats Long Boat and Boat and Two Pinnaces each 25 pounds

The present state of the Windlass is Good Capstan good Rudder Good Pumps Two of 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 }

The frame of this Vessel is well put together with double floors and so constructed as to avoid the outside chocking. The Planking is well wrought to timbers where seen. Ironails are well made and driven, and being low placed and ridged consider her eligible to class 7 A should the Committee approve of the distance the beams are apart.

Number and Size of bow Pines and Riders.

Number of bow Pines and Riders.	Width	Height
Pines	14	15
Breadth of st.	5 3/4	5 3/4
Hickpines of st at angles	5 1/2	4
" " " Great sole	2 1/2	2 1/4
" " " @ points of timbers	2 1/4	
" " " @ ends	10 1/4	20 1/2
Length of beam arms	3.4	3.8
Wt " Side st to upper Red. P.	5 - 0	
Side arms of Riders stand within 5 feet 5 in of side of Hull as are bolted at less than 20 apart.		
Number of bolts in beam arms	4	4
Wt " st in Side do	5	11

Present condition of Caulking of Bottom Good Deck, Good and Waterways Good
Faded, rotting and pieces. If Sheathed, Doubled, Fasted, or Coppered

When last done

I am of opinion this Vessel should be Classed

The Amount of the Fee £ 5 : 0 : 0 is received by me,

Special £ 29 : 16 : 0

Certificate £ : : :

Committee's Minute 24th June 1863

Character assigned A - for 7 Years

STJ1147/558



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F A B L E S , &c .
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