

No. 45 Survey held at Exeter Date July 21. 1840
on the Brig Calla Master Robt. Covey
Tonnage 190 Mts Built at Yarmouth N. Scot. When built 1839
By whom built _____ Owners Edw. & Hawthorn
Port belonging to Exeter Destined Voyage Newcastle
If Surveyed Afloat or in Dry Dock Afloat down keel and both sides

Length aloft	Feet. 87	Inches. 1	Extreme Breadth	Feet. 22	Inches.	Depth of Hold	Feet. 13	Inches. 0
Scantlings of Timber.			Thickness of Plank.					
Timber and Space..... each	22		Outside.			Inside.		
Floors..... sided	11		Keel to Bilge	3		Foot Waling	3	
1 st Foothooks.....	9 1/2		Bilge Planks	5		Bilge Planks	5	
2 nd Ditto.....	8 1/2		Bilge to Wales	3		Ceiling in Flat	3	
3 rd Ditto.....	8		Wales	4 1/2		Ditto Bilge to Clamp	3	
Top Timbers.....	8		Topsides	3		Hold Beam Clamps	3 1/2	
Deck Beams N ^o . of 19	10 1/2		Sheer Strakes	3 1/2		Deck Beam Ditto	4	
Hold Beams N ^o . of 8	12		Plank Sheers	3		Ceiling 'twixt Decks	3	
Keel.....	11		Water-Ways	5 1/2		Hold Beam Shelves	7 1/2	by 9 in
Kelsons.....	11 1/2		Upper Deck	3		Deck Beam Ditto	5	by 9 in
Size of Bolts in Fastenings.			Iron.					
Heel-Knee, and Dead Wood abaft.....			Copper.					
Scarphs of Keel..... N ^o .			Bolts thro' the Bilge and Foot Waling			Hold Beam		
Floor Timber Bolts.....			Butt End Bolts			Deck Beam		
Kelson ditto.....			Lower Pintle of the Rudder	2 1/2		same in Iron above the Copper.....		
Transoms and throats of Hooks.....								
Arms of Hooks.....								

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is One Inch. away. The Space between the Top-timbers is 28 1/2 Inches. away. The Stem, Stern Post, are composed of Juniper the Transoms, Aprons, Knight Heads, Hawse Timbers, of Juniper and are free from all defects.

The Floors and first Foothooks are composed of Black Birch Timber.

The other Foothooks and Top Timbers of part of Juniper, part of Red pine & part of Yellow pine

The Shifts of the first and second Foothooks are not less than _____ N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are _____

The Frame is appears well squared from the first Foothook Heads upwards, and _____ free from sap, and from thence downwards, the frame is appears well squared

The alternate Frames are appear all bolted together.

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 when they can be seen except some, which are square heels & points

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

The Main Kelson is composed of Black Birch and the False Kelson of Shumel, Red Wood

The Scarphs of the Kelsons are not less than six feet _____ inches.

The Deck and Hold Beams are composed of Yellow pine & Juniper

Planking Outside.—From the Keel to the first Foothook Heads the Plank is composed of Black Birch & English Elm

From the first Foothook Heads to the Light Water Mark of Black Birch & English Elm

From the Light Water Mark to the Wales of Juniper & Red pine

The Wales and Black-strakes are of ditto The Topsides of _____

The Sheer-strakes and Plank-sheers of ditto The Water-ways of _____

The Decks of Yellow Pine State of _____

The Shifts of the Planking are not less than four 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 two & three between _____

Planking Inside.—The Limber-strakes are composed of English Oak, Midships the Bilge Planks of English Oak

The Ceiling, Lower Hold, of Juniper, a space Between Decks of Yellow pine & Juniper

Shelf Pieces of Juniper Clamps of Juniper

Fastenings.—To Hold Beams a Doggy & Locking knee to each Beam each side

Deck Beams ditto ditto ditto

Number of Breasthooks Two Pointers two pair Crutches two pair

Butts End Bolts are of Iron in the Bottom, and appear Bolt in each Butt End through and clenched.

Bilge and Footwaling well bolted through and clenched.

General Quality of Workmanship very good

We certify that the preceding is a correct description of the above-named Vessel.

Builder's Name _____

Surveyor's Name John Holman

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

She has SAILS.			CABLES, &c.		ANCHORS, and their weights.		
N ^o .		Fathoms.		Inches.	N ^o .		
2	Fore Sails,	180	Chain	1 1/2	3	Bower, ✓	cut / cut / cut 82 14 / 12 / 9-2-0
1	Fore Top Sails,	70	Hempen Stream Cable	7	1	Stream,	6-0-14 at
1	Fore Topmast Stay Sails,	90	Hawser	6	2	Kedge, ✓	2-0-0 - 1-0-0
1	Main Sails,	70	Towlines	4 1/2			
2	Main Top Sails,	70	Warp	3			
and all other necessary Sails, and			All of <u>good</u> quality.				

Her Standing and Running Rigging was complete sufficient in size and good in quality.

She has One Long Boat and One Jolly Boat

The present state of the Windlass is good Capstan good and Rudder good

General Remarks—Statement and Date of Repairs.

200 feet English Oak Belp Stache inside 5th Truck well bolted through and chucked

2 English Oak Cunties

One Brest hook English Oak

two iron pointers better

82 feet 6ⁱⁿ English Elm Belp Stache outside

54 feet English Oak Limber Stache

Two a Dalsei Kelson, same timber 11 by 13 (34 feet long)

Waterways, Bats, Belp & Post Shalms, all just bolted through
Oyol Caulked all over & thoroughly overhauled

This repairs, repairs, was not away to any known defect, but entirely to strengthen the Ship, she has had in this overhaul, nearly two tons of iron done in her, I think her now a firm strong vessel of the sort as can be, and in consideration of these repairs and good overhaul, am of opinion should be Class'd a year or two in addition

I took a carpenter with me to examine the wood, not being a very good judge of the appearance, but I find the wood coated with a very tough, a piece of it was cut off, the yellow I did see, I am well acquainted with

Be pleased to send a Certificate of Classification

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

I am of opinion this Vessel should be Classed A1 for Five Years, at least, from her first Build

The Amount of the Fee.....£ 2:0:0 is received by me,

Special£ 2:0:0

Certificate 5:0

Committee's Minute 24th July 1840

£ 4-5-0

Character assigned A1 for 4 years

[Signature]

[Signature]



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