

No. 1048 Survey held at Cork Date 5<sup>th</sup> September 1862  
on the Schooner "Brother" Master Edmund McCarthy  
Tonnage 103 Built at East Bay Cape Cork When built 1844  
By whom built not named Owners Patrick Cullen Esq  
Port belonging to Cork Destined Voyage Coasting  
If Surveyed Afloat or in Dry Dock upon a Graving Dock

Length aloft 63 Feet 0 Inches Extreme Breadth 18 Feet 5 Inches Depth of Hold 12 Feet 2 Inches

Scantlings of Timber.			Thickness of Plank.			
Room and Space	Inches.	Inches.	Outside.	Inches.	Inside.	
Floors	sided 9	Moulded 11 1/2	Keel to Bilge	2	Limber Strakes	2
1st Foothooks	" 7	" 7 1/2	Bilge Planks	3	Bilge Planks	4
2nd Ditto	" 7	" 7	Bilge to Wales	2	Ceiling in Flat	2
3rd Ditto	"	"	Wales	3	Ditto Bilge to Clamp	3
Top Timbers	" 6	" 6 1/2	Topsides	3	Hold Beam Clamps	3
Deck Beams N <sup>o</sup> 14	Average Space 8	" 8	Sheer Strakes	3	Deck Beam Ditto	2 1/2
Hold Beams N <sup>o</sup> 4	Average Space 10	" 9	Plank Sheers	3 1/2	Ceiling 'twixt Decks	2
Keel	" 9	" 8	Water-Ways	6 1/8	Hold Beam Shelves	5 1/2
Kelsons	" 10	" 10	Upper Deck	2 1/2	Deck Beam Ditto	"

Size of Bolts in Fastenings, distinguishing whether

Size of Bolts in Fastenings, distinguishing whether		Iron.	
Copper or Iron.	Inches.	Copper or Iron.	Inches.
Heel-Knee, and Dead Wood abaft		Bolts thro' the Bilge and Limber Strakes	3/4
Scarp of Keel	N <sup>o</sup> .	Butt End Bolts	3/4
Floor Timber Bolts		Lower Pintle of the Rudder	2 1/4
Kelson ditto			
Transoms and throats of Hooks	1		
Arms of Hooks	3/4		

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks in this Vessel is two Inches. The Space between the Top-timbers is two Inches. The Stem, Stern Post, are composed of Black Birch the Transoms, Aprons, Knight Heads, Hawse Timbers, of White Birch & Spruce and are — free from all defects. as far as can be seen The Floors and first Foothooks are composed of Black Birch & Spruce Timber. The other Foothooks and Top Timbers of Black Birch & Spruce. The Shifts of the first and second Foothooks are not less than 3 feet when seen N.B. When less than prescribed by the Rule, state how many. The rest of the Shifts of the Frame are —. The Frame is — squared from the first Foothook Heads upwards, and — free from sap, and from thence downwards, the frame is —. The alternate Frames are — bolted together. N.B. If not, state how bolted. The Butts of the Timbers are putty close together; their thickness not less than — of the entire moulding at that place. The Frame is partially choocked with no Butt at each end of the chock. where seen The Main Kelson is composed of Black Birch and the False Kelson of Am<sup>e</sup> Elm. The Scarphs of the Kelsons are not less than Five feet inches. The Deck and Hold Beams, are composed of Spruce & Am<sup>e</sup> Elm.

**Planking Outside.**—From the Keel to the first Foothook Heads the Plank is composed of Black Birch. From the first Foothook Heads to the Light Water Mark of Black Birch. From the Light Water Mark to the Wales of Black Birch. The Wales and Black-strakes are of Black Birch. The Topsides of Black Birch. The Sheer-strakes and Plank-sheers of Black Birch, Spruce & Elm. The Water-ways of Spruce. The Decks of Yellow Pine State of in good condition. The Shifts of the Planking are not less than Five Feet — Inches with 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 Strakes between with the exception of two or three on each beam the Bilge Planks of Am<sup>e</sup> Elm & Black Birch.

**Planking Inside.**—The Limber-strakes are composed of Am<sup>e</sup> Elm. The Ceiling, Lower Hold, of Red Pine & Spruce Between Decks of Spruce. Shelf Pieces of Spruce Clamps of Spruce.

**Fastenings.**—To Hold Beams Bolted into shelf, with horizontal iron knees. Deck Beams double ended & darning knees. Number of Breasthooks Five Pointers two Pair Crutches —. Butts End Bolts are of Iron in the Bottom, and one Bolt in each Butt End through and clenched. Bilge and Limber Strakes Iron bolted through and clenched. Treennails of Irish Oak & Hardwood. General Quality of Workmanship —.

We certify that the preceding is a correct description of the above-named Vessel,  
Builder's Signature — Surveyor's Signature George Wright



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

She has SAILS.			CABLES, &c.		ANCHORS, and their weights.	
N <sup>o</sup> .		Fathoms.		Inches.	N <sup>o</sup> .	
2	Fore Sails,	70	Chain .....	1 3/4	2	Bowers
1	Fore Top Sails,	80	Hempen Stream Cable .....		1	Stream,
2	Fore <del>Topmast</del> Stay Sails,		Hawser .....		1	Kedge,
2	Main Sails,	80	Towlines .....	5		
2	Main Top Sails,	90	Warp .....	3 1/2		
and <u>all very good</u>			All of <u>good</u> quality.			

Her Standing and Running Rigging is quite sufficient in size and good in quality.

She has One Long Boat and

The present state of the Windlass is good Capstan Winch and Rudder good Pumps two, good

#### General Remarks—Statement and Date of Repairs.

This Vessel has now been clean dabbled down from the Gunwales to the keel, & found the planks in good condition has also been opened according to the Rule on both sides from Stem to Stern Post. & found the timbers & keel in good condition & checked the Floor & Footboard heads that could be got at on both sides—put down two new Bedge Strakes on each side with 4 inch elm, and through bottom them with 3/4 iron, four strakes of planks above the Bedges with 3/4 Red Pine, new Portwauling planks on each side with 3 inch elm, all through bottomed with 3/4 iron a pass of Paints aft bottomed through with 3/4 iron, and all the Butts below the keels through bottomed with 3/4 iron. entire new covering boards on both sides of 3/4 Red Pine, the entire Hull new Seamed, and caulked & put new Sails, new Warp, and Lifting up.

If Sheathed, Doubled, Felted, or Coppered

When last done

I am of opinion this Vessel should be Classed

A.B. King in a fit state to carry a dry or finished cargo

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

Special .....£ : :

Certificate (if required) .....£ : 5 : 0

Committee's Minute 10 Sept 1852

Character assigned A. 1 S.S. 52 = 4 years



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