

No. 248 Survey held at Wolverhampton Date 13th February 1855
 on the Schooner, "Mary Blair" Master Francis Sartorius
 Tonnage Old Built at Rigby - Newcastle When built 18th October 1854
 By whom built Richard Devereux & Company
 Port belonging to Wolverhampton Destined Voyage Cardiff
 If Surveyed while Building, Afloat, or in Dry Dock On patent Slip

Length aloft 89 Feet. 11 Inches. Extreme Breadth 20 Feet. 0 Inches. Depth of Hold 10 Feet. 0 Inches.

Scantlings of Timber.				Thickness of Plank.			
Room and Space	Inches.	Inches.	Inches.	Outside.	Inches.	Inside.	Inches.
Floors.....sided	12	Moulded	11 10	Keel to Bilge	3	Limber Strakes	3
1st Foothooks.....	11	"	"	Bilge Planks	4 1/2	Bilge Planks	4
2nd Ditto.....	"	"	"	Bilge to Wales	3	Ceiling in Flat	3
3rd Ditto.....	"	"	"	Wales	5	Ditto Bilge to Clamp	3
Top Timbers	8 1/2	"	6 5	Short Hoods	5	Hold Beam Clamps	"
Deck Beams N° 15 Average Space } <u>4 feet</u>	11	"	10 8	Topsides	5	Deck Beam Ditto	5
Hold Beams N° 2 Average Space }	11	"	10 8	Sheer Strakes	5	Ceiling 'twixt Decks	3
Keel	11	"	14 14	Plank Sheers	5	Hold Beam Shelves	"
Keelsons <u>Recess 16 inches, 14 inches, 12 inches</u>	12	"	12 12	Water-Ways	7	Deck Beam Ditto	5
Scarphs of Ditto	"	"	"	Upper Deck	3		

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

Iron	Copper	Iron	Copper	Iron	Copper
Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Heel-Knee, and Deadwood abaft	1 1/8	Transoms and throats of Hooks	1 1/8	Lower Pintle of the Rudder	2 3/4
Scarphs of Keel.....N° 2	3/4	Arms of Hooks	3/4	Hold Beam	1 1/8
Floor Timber Bolts	1	Bolts thro' Bilge & Limber Strakes	3/4	Deck Beam	1 1/8
Kelson ditto	1 1/8	Butt End Bolts	3/4		

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is one Inches. The Space between the Top-timbers is two Inches. The Stem, Stern Post, consist of Spruce & Birch the Transoms, Aprons, Knight Heads, Hawse Timbers, and Deadwood, of Spruce and are quite free from all defects. The Floors consist of Birch & Spruce The First Foothooks of Hackmatack Timber. The Second Foothooks of Spruce The Third Foothooks of Spruce The Top Timbers of Spruce 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 — squared from the first Foothook Heads upwards, and — free from sap, and from thence downwards, the frame is — N. B. If not, state how bolted.

The alternate Frames are all bolted together to the Gunwale. The Butts of the Timbers are — close together; their thickness not less than — of the entire moulding at that place. The Frame is well chocked with a Butt at each end of the chock. The Main Keelson is Spruce & and free from all defects. The False Keelson is Pitch pine 60 feet long The Deck Beams consist of Spruce The Hold Beams of Spruce The Knees of Spruce

Planking Outside.—From the Keel to the Height defined in Note to Table 2, the Plank is Black Birch From the above named Height to the Light Water Mark Spruce From the Light Water Mark to the Wales Spruce The Wales and Black-strakes are Spruce The Topsides Spruce The Sheer-strakes Spruce and Plank-sheers Spruce The Water-ways Spruce The Decks Spruce State of new The Shifts of the Planking are not less than 37 Feet 6 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 — between

Planking Inside.—The Limber-strakes are Black Birch the Bilge Planks Birch & Spruce The Ceiling, Lower Hold, Birch Between Decks Spruce Shelf Pieces Spruce Clamps Spruce

Fastenings.—To Hold Beams Four Spruce knees well bolted

Deck Beams Four good Spruce knees well bolted. Six pair of Diagonal Iron knees extending from Deck-beams down to flooring heads with one bolt in floor
 Number of Breasthooks Five Pointers 2 wood Crutches 2 wood
 Butts End Bolts are of 3/4 Iron in the Bottom, and one Bolt in each Butt End through and clenched.
 Bilge and Limber Strakes 3/4 bolted through and clenched. Treenails of Hackmatack How Made split
 General Quality of Workmanship Especially good

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

Builder's Signature

Surveyor's Signature

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

She has SAILS.			CABLES, &c.		ANCHORS, and their weights.		
N ^o .				Fathoms. Inches.		N ^o .	Weight.
2	Fore Sails,		Chain	150 1 1/8	Bower,	2	15 " and each
2	Fore Top Sails,		Hempen Stream Cable	70 8			
1	Fore Topmast Stay Sails,		Hawser	- - -	Stream,	1	5 " " " "
1	Main Sails,		Towlines	70 5			
1	Main Top Sails,		Warp	70 4	Kedge,	1	3 " " " "
and 15 mile fore and			All of <u>good</u> quality.				
Spare Sails -							

Her Standing and Running Rigging Complete sufficient in size and good in quality.

She has One new Long Boat and two Double boats - fully Equipped

The present state of the Windlass is Patent Capstan Winch Rudder new Pumps new new

General Remarks—Statement and Date of Repairs.

This is a remarkable strong good vessel & a handsome Model, having been taken up on patent-Skip at this port, & all repasted as follows, - Scraped from gunwales to keel, - All re treenailed & bolted from keel up wards - New Nelson sides of pitch in one length, 60 feet & an oak rider over of 1 1/2 inches, - all carefully calked through every other floor, - Six pair of Diagonal Iron knees extending from Deck beams to floors heads, with a bolt in each floor, & from thence upwards every two feet a bolt of 7/8-in, - two pair of Iron knees to Transoms aft all carefully calked - Three Iron breast works extra, all calked & done in the best possible manner, carefully caulked from keel to Comings, - new expense spared in giving her every thing required, Newly Zinked from keel to wales on patent-felt. This vessel is well found in Stores, - is fit to take a cargo of dry & perishable goods to any part of the World.

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

I am of opinion this Vessel should be Classed A 4 from the present time -

The Amount of the Fee.....£ 2 : 0 : 0 is received by me, Mc Donnell & Son
Special£ : :
Certificate (if required)£ : 2 : 6

Committee's Minute 23rd February 1855

Character assigned 1 for 4 Gun



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Foundation