

No. 282 Survey held at Glasgow
on the Barge "Cadet"

Date 26th November 1849

Master

William Ritchie

Tonnage 347 Built at Saint Mary's Bay, N.B. When built 1849

By whom built James Malcolm Owners James Malcolm

Port belonging to Saint John, N.B. Destined Voyage Port Adelaide and Sydney

If Surveyed Afloat or in Dry Dock Patent Slip

Length aloft 115 4/10 Feet. Inches. Extreme Breadth 23 2/10 Feet. Inches. Depth of Hold 15 3/10 Feet. Inches.

Scantlings of Timber.

Room and Space	Inches.	Inches.	Inches.
Floors.....sided	11 1/2	Moulded	13 11 1/2
1 st Foothooks.....	11	"	12 10 1/2
2 nd Ditto.....	10 1/2	"	10 1/2 9
3 rd Ditto.....	"	"	" " "
Top Timbers.....	10	"	9 6 1/2
Deck Beams N ^o 19 Average Space 4 1/2 to 5 feet	12	"	11 10
Hold Beams N ^o 17 Average Space 4 1/2 to 5 feet	12	"	11 10
Keel.....	12 1/2	"	13 1/2
Kelsons.....	12	"	12

Thickness of Plank.

Outside.	Inches.	Inside.	Inches.
Keel to Bilge.....	4	Limber Strakes.....	10
Bilge Planks.....	5 1/2	Bilge Planks.....	4 1/2
Bilge to Wales.....	4	Ceiling in Flat.....	4
Wales.....	5	Ditto Bilge to Clamp.....	3 1/2
Topsides.....	4	Hold Beam Clamps.....	4 1/2
Sheer Strakes.....	4	Deck Beam Ditto.....	4 1/2
Plank Sheers.....	4	Ceiling 'twixt Decks.....	5
Water-Ways.....	7	Hold Beam Shelves.....	9 x 8
Upper Deck.....	3	Deck Beam Ditto.....	9 x 8

Size of Bolts in Fastenings, distinguishing whether

Copper or Iron.

Heel-Knee, and Dead Wood abaft.....	1 1/4
Scarphs of Keel.....	1 1/2
Floor Timber Bolts.....	1 1/2
Kelson Bolt.....	1 1/2
Transoms and throats of Hooks.....	1 1/2
Arms of Hooks.....	1 1/2

Copper or Iron.

Bolts thro' the Bilge and Limber Strakes.....	3/4
Butt End Bolts.....	3/4
Lower Pintle of the Rudder.....	2 1/2

Iron.

Hold Beam.....	1
Deck Beam.....	1 1/2

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 10 Inches. The Space between the Top-timbers is 2 1/2 Inches. The Stem, Stern Post, are composed of Hackmatac and are free from all defects. The Transoms, Aprons, and

Knight Heads, Hawse Timbers, of Spruce and Hackmatac and are free from all defects.

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

The other Foothooks and 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 well squared where seen

The alternate Frames are bolted together. N. B. If not, state how bolted.

The Butts of the Timbers are close together; their thickness not less than of the entire moulding at that place.

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

The Main Kelson is composed of Black Birch and the False Kelsons of Spruce & Black Birch

The Scarphs of the Kelsons are not less than 6 feet inches.

The Deck and Hold Beams are composed of Spruce

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 Spruce

The Wales and Black-strakes are of Spruce

The Topsides of Spruce

The Sheer-strakes and Plank-sheers of Spruce

The Water-ways of Spruce

The Decks of Spruce

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 Four Strakes between

Planking Inside.—The Limber-strakes are composed of Spruce the Bilge Planks of Spruce

The Ceiling, Lower Hold, of Spruce (Flat B. Birch & some Buck) Between Decks of Spruce

Shelf Pieces of Spruce Clamps of Spruce

Fastenings.—To Hold Beams Double Spruce Lodging Knees to every Beam and 12 Pairs of diagonal Iron Hanging Knees

Deck Beams Double Spruce Lodging Knees to every Beam and 9 Pairs of diagonal Iron Hanging Knees

Number of Breasthooks Five Pointers One Pair Crutches One In etc.

Butts End Bolts are of Yellow Metal in the Bottom, and One Bolt in each Butt End through and clenched.

Bilge and Limber Strakes Yellow Metal bolted through and clenched. Treennails of Hackmatac

General Quality of Workmanship Good

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

Builder's Signature James Malcolm

Surveyor's Signature

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

282. ggs.

She has SAILS.			CABLES, &c.		ANCHORS, and their weights.		
N ^o .		Fathoms.		Inches.	N ^o .	Cuts. ggs. #	
2	Fore Sails,	225	Chain	1 5/8 x 1 1/2	3	Bower,	16 - 2 - 18 x 17 - 0 - 14 x 14 - 1 - 2
2	Fore Top Sails,	90	Hempen Stream Cable	8 1/2	1	Stream,	6 - 1 - 19
2	Fore Topmast Stay Sails,	75	Hawser	5	1	Kedge,	2 - 2 - 3
1	Main Sails,	75	Towlines	4			
2	Main Top Sails,	"	Warp	"			
and all other requisite Sails			All of <u>Good</u> quality.				

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

She has One 21 feet Long Boat and One 18 feet Pinnace and One 16 feet Velly Boat

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

General Remarks—Statement and Date of Repairs.

At Present, put in 12 Pair of diagonal Iron Hanging Knees to the Deck Beams and Nine Pair to the Hold Beams, Seven Pair of Riggers in the Hold Connected to the Hanging Knees, Caulked from the Keel to the Blackstrakes.

Sheathed the Bottom with Yellow Metal over Felt to the Males, and 2 Courses on the Males of zinc over Felt

Cut out a listing in the Ceiling at the Footlock Heads for inspecting the Frame and general Greenails driven out in accordance with the Rules

If Sheathed, Doubled, Felted, or Coppered Yellow Metal over Felt When last done November 1849

I am of opinion this Vessel should be Classed 4 A. 1.

The Amount of the Fee.....£ 4 : " : " is received by me,

Special£ 2 : 2 : "

Certificate (X required)£ " : 10 : "

Committee's Minute 30th Nov 1849

Character assigned A 1

Wm. Robertson



Lloyd's Register Foundation