

No. 685 Survey held at Rowling Way Date 13<sup>th</sup> June 1839  
on the New Schooner "Archibald" Master Alexander Fair  
Tonnage 101 G. M. Built at Rowling Way When built 17<sup>th</sup> June 1839  
By whom built David McGill Owners Archibald Brownlie  
Port belonging to Glasgow Destined Voyage Clyde  
If Surveyed Afloat or in Dry Dock On Grounds

Length aloft.....60 Feet. 10 Inches. Extreme Breadth 17 Feet. 4 Inches. Depth of Hold .....10 Feet. 10 Inches.

Scantlings of Timber.

	Inches.	Inches Middle.	Inches Ends.
Timber and Space..... each	<u>10</u>		
Floors..... sided	<u>9</u>	Moulded	<u>9 1/2</u>
1 <sup>st</sup> Foothooks..... "	<u>8</u>	"	<u>8 1/2</u>
2 <sup>nd</sup> Ditto..... "	<u>7</u>	"	<u>7 1/2</u>
3 <sup>rd</sup> Ditto..... "	<u>6 1/4</u>	"	<u>5 1/2</u>
Top Timbers..... "	<u>6 1/4</u>	"	<u>5 1/2</u>
Deck Beams..... Number of <u>10</u>	<u>7 1/2</u>	"	<u>8 5</u>
Hold Beams..... Do. <u>2</u>	<u>7 1/2</u>	"	<u>6 1/2</u>
Keel..... "	<u>10</u>	"	<u>12</u>
Kelsons..... "	<u>12</u>	"	<u>2 1/2</u>

Thickness of Plank.

Outside.	Inches.	Inside.	Inches.
Keel to Bilge .....	<u>2 1/2</u>	Foot Waling.....	<u>2 1/2</u>
Bilge Planks .....	<u>3 1/4</u>	Bilge Planks .....	<u>3</u>
Bilge to Wales .....	<u>2 1/2</u>	Ceiling in Flat .....	<u>2 1/2</u>
Wales .....	<u>4</u>	Ditto Bilge to Clamp ..	<u>2 1/2</u>
Topsides .....	<u>2</u>	Hold Beam Clamps .....	<u>1</u>
Sheer Strakes .....	<u>2 1/2</u>	Deck Beam Ditto.....	<u>2 1/2</u>
Plank Sheers.....	<u>2 1/2</u>	Ceiling 'twixt Decks .....	<u>1</u>
Water-ways .....	<u>3 1/2</u>	Hold Beam Shelves .....	<u>1</u>
Upper Deck .....	<u>2 1/2</u>	Deck Beam ditto .....	<u>3 1/2</u>
		Upper deck Spurkelling	<u>2</u>

Size of Bolts in Fastenings.

Iron.	Inches.	Copper.	Inches.	Iron.	Inches.
Heel-Knee, and Dead Wood abaft .....	<u>1</u>	Bolts thro' the Bilge and Foot Waling.....	<u>5/8</u>	Hold Beam.....	<u>1</u>
Scarp of Keel..... N <sup>o</sup> . <u>no scarp</u>		Butt End Bolts.....	<u>5/8</u>	Deck Beam .....	<u>3/4</u>
Floor Timber Bolts.....	<u>1</u>	Lower Pintle of the Rudder.....	<u>3/4</u>		
Kelson ditto.....	<u>1</u>				
Transoms and throats of Hooks .....	<u>3/8</u>				
Arms of Hooks .....	<u>3/4</u>			same in Iron above the Copper .....	<u>3/4</u>

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 15 to 3 Inches. The Space between the Top-timbers is 25 to 5 Inches. The Stem, Stern Post, Transoms, Aprons, Knight Heads, Hawse Timbers, are composed of British & African Oak and are — free from all defects.

Her Floors and first Foothooks are composed of British Oak Timber.

Her other Foothooks and Top Timbers of British Oak.

Her Shifts of the first and second Foothooks are not less than 3 ft. 6 in. to 2 in. N.B. When reported by you less than the prescribed Rule, then state how many.

The rest of the Shifts of the Frame are good.

The Frame is all well squared from the first Foothook Heads upwards, and — free from sap, and from thence downwards, the frame is all well squared.

The alternate Frames are all bolted together.

The Butts of the Timbers are — close together; their thickness not less than 1/5 of the entire moulding at that place.

The Frame is well chocked with no Butt at each end of the chock. Rob Chocks, full Butts, Scarphs & Half Chocks.

The Main Kelson is composed of American Oak and the False Kelson of Oak.

The Scarphs of the Kelsons are not less than — feet — inches. no Scarph

The Deck and Hold Beams are composed of British Oak

Planking Outside.—This Vessel's Plank from the Keel to the first Foothook Heads is composed of Oak.

From the first Foothook Heads to the Light Water Mark of Red Pine.

From the Light Water Mark to the Wales of Red Pine.

The Wales and Black-strakes are of Foreign Oak.

The Topsides of Pitch Pine & Foreign Oak.

The Shoer-strakes of Foreign Oak. Decks, and state of, Yellow Pine New.

The Gunwales of Foreign Oak. Water-ways of Red Pine.

The Shifts of the Planking are not less than five Feet — Inches. N.B. If reported less, than the prescribed Rule, state whether general or partial, and if partial, in what part of the Ship. some only four feet, aft and forward

Planking Inside.—The Clamps are composed of Foreign Oak the Stringers of Foreign Oak.

The Bilge Planks of Foreign Oak and the remainder of the Ceiling of Foreign Oak & Pitch Pine, 2 ft. lengths Amidships, of Oak in flat, in each side, only, full in by mistake.

Fastenings.—To Hold Beams Iron Lodging Nails.

Deck Beams Double Lodging Nails, British & Foreign Oak and Stringer.

Number of Breasthooks four belfs deck, one above Pointers — Crutches —

Butts End Bolts are of Oak in the Bottom, and 1 Bolt in each Butt End through and clenched.

Bilge and Footwaling Copper bolted through and clenched. into every timber.

General Quality of Workmanship good Keel iron fastened.

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

Builder's Name \_\_\_\_\_  
Surveyor's Name John P. Cumming



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

She has SAILS.

CABLES, &c.

ANCHORS.

N <sup>o</sup> .		Fathoms.		Inches.	N <sup>o</sup> .	
"	Fore Sails,	150	Chain .....	7 1/2	2	Bower,
"	Fore Top Sails,	75	Hempen Stream Cable.....	6 1/2	1	Stream,
"	Fore Topmast Stay Sails,	70	Hawser .....	5	1	Kedge,
"	Main Sails,	70	Towlines .....	4 1/4		All of proper weight.
"	Main Top Sails,	70	Warp .....	3 1/2		
	and a full suit of New Gails.	60	Stream Chain .....	3 1/2		
			All of <u>good</u> quality.			

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

She has 1 Long Boat and Sally Road.

The present state of the Windlass is good Capstan Double Winch good and Rudder good.

Two lead Lumps good.

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

Laid on in November 1838. and launched 14<sup>th</sup> June 1839.  
Surveyed at the prescribed periods, and at other times Specially  
while Building. Frame all English and Scotch Oak of good  
quality, well fairly squared and Shifted, wholly built in frame,  
Cross Chocked at Pilges, full Butts above, and some Scarphs, and  
half Chocks; Planking and Ceiling as on other Side, two lengths  
of Elm in flat of Ceiling on each Side Amidships, but in by  
mistake, Two or three of the Shifts forward and aft, about light  
Water Mark, are four feet, or rather more, The Beams are  
securely fastened, and She is otherwise well fastened and  
finished.

Special Survey Fees £5.5/- paid

If Sheathed, Doubled, or Felted,

and Date when last done

Single Bottom, part iron fastened.

And Am of opinion this Vessel should be Classed

"S A 1"

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

John P. Murray

Committee Minute

9<sup>th</sup> July 1839

Character assigned

D 1 8 Years

HA

W. J.



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Lloyd's Register  
Foundation