

No. 1717 Survey held at Dumbarton Date May 26 <sup>Recd 2 June 1847</sup> 1845  
on the Barque "William Watson" Master David Cunningham  
Tonnage 431 <sup>28</sup> Built at Dumbarton When built 1845 Launched 23 April  
By whom built Archd McMillan & Son Owners P. & J. Aikman  
Port belonging to Glasgow Destined Voyage Valparaiso  
If Surveyed Afloat or in Dry Dock Building & Afloat

Length aloft ..... 17 <sup>Feet.</sup> 6 <sup>Inches.</sup> Extreme Breadth ..... 28 <sup>Feet.</sup> 1 1/2 <sup>Inches.</sup> Depth of Hold ..... 17 <sup>Feet.</sup> 9 1/2 <sup>Inches.</sup>

Scantlings of Timber.				Thickness of Plank.			
				Outside.		Inside.	
Timber and Space.....	each	<u>2 1/2</u>					
Floors.....	sided	<u>12 1/2</u>	Moulded	Keel to Bilge .....	<u>3</u>	Foot Waling .....	<u>4</u>
1 <sup>st</sup> Foothooks.....	"	<u>11</u>	"	Bilge Planks .....	<u>5</u>	Bilge Planks .....	<u>5</u>
2 <sup>nd</sup> Ditto.....	"	<u>10 1/2</u>	"	Bilge to Wales .....	<u>4</u>	Ceiling in Flat .....	<u>3</u>
3 <sup>rd</sup> Ditto.....	"	<u>9 1/2</u>	"	Wales .....	<u>5</u>	Ditto Bilge to Clamp .....	<u>3</u>
Top Timbers .....	"	<u>8 1/2</u>	"	Topsides .....	<u>3</u>	Hold Beam Clamps .....	<u>4</u>
Deck Beams .... N <sup>o</sup> . of <u>22</u> .....	"	<u>10 3/4</u>	"	Sheer Strakes <u>2 Strakes</u> .....	<u>4 1/2</u> <u>3 1/2</u>	Deck Beam Ditto <u>2 Strakes</u> .....	<u>4 1/2</u> <u>3 1/2</u>
Hold Beams .... N <sup>o</sup> . of <u>19</u> .....	"	<u>13</u>	"	Plank Sheers.....	<u>1 1/2</u>	Ceiling 'twixt Decks .....	<u>2 1/2</u>
Keel .....	"	<u>13</u>	"	Water-Ways .....	<u>10 1/2</u>	Hold Beam Shelves <u>4 Stringer</u> .....	<u>5</u>
Kelsons .....	"	<u>13</u>	"	Upper Deck .....	<u>3</u>	Deck Beam Ditto.....	<u>5</u>

Size of Bolts in Fastenings.				Iron.			
Copper.				Iron.			
Heel-Knee, and Dead Wood abaft .....	<u>1 1/4</u>						
Scarphs of Keel..... N <sup>o</sup> . <u>8</u> .....	<u>1</u>			Bolts thro' the Bilge and Foot Waling .....	<u>1/8</u>	Hold Beam .....	<u>1 1/8</u>
Floor Timber Bolts .....	<u>1 1/8</u>			Butt End Bolts .....	<u>3/4</u>	Deck Beam .....	<u>1 1/4</u>
Kelson ditto .....	<u>1 1/8</u>			Lower Pintle of the Rudder .....	<u>3/4</u>		
Transoms and throats of Hooks .....	<u>1 1/2</u>					same in Iron above the Copper.....	<u>1 1/8</u>
Arms of Hooks .....	<u>1</u>						<u>1</u>

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

The Floors and first Foothooks are composed of English African Oak & Morra Timber.

The other Foothooks and Top Timbers of English Oak & Morra

The Shifts of the first and second Foothooks are not less than 4 feet N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are 4 feet 6 inches

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

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

The Butts of the Timbers are all close together; their thickness not less than 1 1/2 of the entire moulding at that place.

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

The Main Kelson is composed of African, British Oak & Morra and the False Kelson of Quebec White Oak

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

The Deck and Hold Beams are composed of English & African Oak, Morra & Green heart, timber

**Planking Outside.**—From the Keel to the first Foothook Heads the Plank is composed of American Elm

From the first Foothook Heads to the Light Water Mark of Quebec White Oak & Pitch Pine

From the Light Water Mark to the Wales of African Oak, Morra, (English Oak hoodings)

The Wales and Black-strakes are of African, English Oak & Morra The Topsides of Pitch Pine

The Sheer-strakes and Plank-sheers of African & English Oak The Water-ways of Red Pine

The Decks of Yellow Pine State of very 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 3 Strakes between

**Planking Inside.**—The Limber-strakes are composed of Quebec White Oak the Bilge Planks of Quebec White Oak

The Ceiling, Lower Hold, of Quebec White Oak Between Decks of Pitch Pine

Shelf Pieces of Quebec White Oak Clamps of Quebec White Oak

**Fastenings.**—To Hold Beams Shelf Pieces, Stringer, iron staple lodging knees, 8 pair diag<sup>l</sup> hanging knees with

Deck Beams Shelf pieces, beams clowd to shelf, iron staple lodging knees, 11 pair iron diag<sup>l</sup> hanging knees

Number of Breasthooks Five Pointers one pair (iron) Crutches one

Butts End Bolts are of Yellow Metal 3/4 inch in the Bottom, and one Bolt in each Butt End through and clenched.

Bilge and Footwaling Yellow Metal 3/4 bolted through and clenched.

General Quality of Workmanship Good

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

Builder's Name Archd McMillan & Son

Surveyor's Name Wm Robertson



