

No. 4673 Survey held at Ardrassan Date 13<sup>th</sup> August 1863  
on the Smack "Lilly" Master James Green  
Tonnage Old Built at Galway When built \_\_\_\_\_ Launched \_\_\_\_\_  
By whom built \_\_\_\_\_ Owners James Green  
Port belonging to Sligo Destined Voyage Glyde, Boston  
If Surveyed while Building, Afloat, or in Dry Dock On Ship

Length aloft	Feet.		Inches.		Extreme Breadth Outside	Feet.		Inches.		Depth of Hold	Feet.		Inches.	
	Sided.	IN SHIP.	Moulded.	Sided.		REQUIRED PER RULE.	Moulded.	Sided.	IN SHIP.		Moulded.	Sided.	REQUIRED PER RULE.	Moulded.
<b>Scantlings of Timber.</b>														
TIMBER AND SPACE	14			18										
Floors	7	8		7										
1 <sup>st</sup> Foothooks	7	8		6										
2 <sup>nd</sup> Ditto	6	6		5½										
3 <sup>rd</sup> Ditto														
Top Timbers	5		4½	5½		4								
Deck } N <sup>o</sup> 12	Average Space }		3 feet 6 inches		6½	6½	5	5		4				
Beams }														
Deck Beams, length amidships	10 feet 10 inches													
Hold } N <sup>o</sup>	Average }													
Beams }														
Hold Beams, length amidships														
Keel	6	9		8										
Scarps of Ditto	5 feet 6 inches		4 feet											
Keelsons	10	9		9										
Scarps of Ditto	5 feet		4 feet 6 inches											

Outside.	INCHES.		Inside.	INCHES.	
	In Ship.	Required per Rule.		In Ship.	Required per Rule.
Garboard Strakes	2	2	Limber Strakes	2½	2½
Garboard to Bilge	2	2	Bilge Planks	2½	2½
Bilge Planks	2	2	Ceiling in Flat	2½	1½
Bilge to Wales	2	2	Ditto Bilge to Clamp	1½	1½
Wales	2½	3	Hold Beam Clamps		
Topsides	2¼	2¼	Deck Beam Ditto	2½	2¼
Sheer Strakes	2¼	2¼	Ceiling 'twixt Decks		
Plank Sheers	2	2	Hold Beam Shelves		
Water- } Upper Deck	3½	4	Deck Beam Ditto		
Ways } Lower Deck					
Ditto, faying surface against Timbers	1½				
Upper Deck	2	2½			

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, or Iron; also of Treenails.

	Copper or Y.M. in Ship.				Iron in Ship.				Inches required per Rule				Copper or Y.M. in Ship.				Iron in Ship.				Inches required per Rule		
Heel-Knee, & Deadw'd abaft	2		1 1/8	Transoms and throats of Hooks	2		1 1/8	Hold Beam { Waterway ..															
Scarp of Keel, N <sup>o</sup> 6	1/6		1/6	Arms of Hooks	1/6		1/6	Bolts in { Knees .....															
Keelson Bolts through Keel at each Floor	3/4		1 1/8	Thro' Bilge & Limber Strakes	1/6		1/6	Shelf or Clamp															
Bolts thro' Heels of Timbers against Deadwood	5/8		1 1/8	Thickstuff over Double Floors	1/6		1/6	Deck Beam { Waterway ..															
				Butt End Bolts	1/6		1/6	Bolts in { Knees .....															
				Pintles of the Rudder	2		1 1/8	Shelf or Clamp															
								Nails or Bolts in Flat of Deck															
								Treenails .... Inches	1														

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks is close Inches. The Space between the Top-Timbers is 4 Inches.

The Floors consist of British Oak & Ash The First Foothooks of British Oak

The Second Foothooks of British Oak The Third Foothooks and Top Timbers of British Oak

The Shifts of the First and Second Foothooks are not less than 2 feet N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are Good

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

The ~~alternate~~ Frames are — bolted together to the Gunwale. N. B. If not, state how bolted.

The Butts of the Timbers are — close together; their thickness not less than 1/3 of the entire moulding at that place.

The Frame is — chocked with no Butt at each end of the chock. The Main piece of Rudder is British Oak of double branch of Windlass is Iron

The Keel is American Rock Elm The Main Keelson is American Rock Elm and — free from all defects.

The Stem, and Stern Post of British Oak The Transoms, Knight Heads, Hawse Timbers,

and Aprons of British Oak Deadwood, of British Oak and are — free from all defects.

The Deck and Hold Beams of Larch The Breasthooks of British Oak The Knees of British Oak

**Planking Outside.**—From the Keel to the Height defined in Note to Table A or to the First Foothook Heads the Plank is Red Pine

From the above named Height to the Light Water Mark Red Pine

From the Light Water Mark to the Wales Red Pine

The Wales and Black-strakes are Pitch Pine The Topsides & Sheer-strakes Red Pine

The ~~Spurkett~~ and Plank-sheers American Oak The Water-ways { Upper Deck Red Pine  
Lower Deck —

The Decks Yellow Pine State of Good

The Shifts of the Planking are not less than 5 1/2 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 Three between, and without step-butting

**Planking Inside.**—The Limber-strakes and Bilge-strakes are Red Pine

The Ceiling, Lower Hold, and between Decks Red Pine Shelf Pieces and Clamps Red Pine & Yellow Pine

**Fastenings.**—To Hold Beams —

Deck Beams Wood lodging knees

Number of Breasthooks Three Pointers — Crutches —

Butts End Bolts are of Iron in the Bottom, and One Bolt in each Butt End through and clenched, & one short bolt

Bilge and Limber Strakes Iron bolted through and clenched. Treenails of Red Pine How Made Turned

Thickstuff over Double Floors — bolted through and clenched. General Quality of Workmanship Good

We certify that the above is a correct description of the several particulars therein given

Builder's Signature \_\_\_\_\_ Surveyor's Signature H. B. ...

GRh 295-0046



Her Mast, 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> .	Weight.
	Fore Sails,		Chain .....	100 $\frac{3}{4}$		Bower, .....	2 $\frac{3}{4}$ - -
	Fore Top Sails,		Hempen Stream Cable .....	90 $\frac{1}{4}$			3 " - -
<i>One</i>	Fore Topmast Stay Sails,		Hawser .....	90 $\frac{3}{4}$		Stream, .....	1 1" - -
<i>Suit</i>	Main Sails,		Towlines .....				
<i>of</i>	Main Top Sails,		Warp .....			Kedge, .....	1 " 2" - -
<i>Sails</i>							
	and spare sails		All of <u>Good</u> quality.				

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

She has One Long Boat and

The present state of the Windlass is Good Capstan Rudder Good Pumps Wood, Good

### General Remarks and Statement and Date of Repairs, if any.

DATES of Surveys held while building, as per Section 35. { 1st. When the Frame is completed \_\_\_\_\_  
2nd. When the Beams are put in, &c. \_\_\_\_\_  
3rd. { When completed, and before the } \_\_\_\_\_  
plank be painted or payed }

This vessel has now been cut in two and lengthened X feet amidships, and undergone the whole of the requirements of the Rules Sections 55, and 60 second clause; viz:- dabbled bright from the light water mark upwards to the Gunwale including Waterways, Knightheads, &c; bolts and treenails driven out for survey, a plank in each buttock taken out, also a strake of upper deck next the Waterways all fore and aft, and plank taken out at the turn of the bilge on each side in the ceiling.

Repairs now done. Keel renewed all fore and aft, all outside and inside planking, decks, Waterways, beams, &c from Keel to Gunwale, except the after hoods to the outside planking; also all timbers, floors, &c in the lengthened part with materials as named on the other side.

The use of Ash for floors is confined to the new work or lengthened part, as the vessel was originally built of British Oak throughout.

This vessel having undergone the whole of the requirements of the Rules Sections 55 & 60 second clause, We are of opinion she is fit for the conveyance of dry and perishable cargoes to and from all parts of the world, and eligible to be entered and classed A1 for a period as allowed by the Rules S.S. 1863.

Present condition of Caulking of Bottom, New & Good Deck, New & Good and Waterways New and Good

If Sheathed, Doubled, Felted, or Coppered Single bottom When last done \_\_\_\_\_

We are of opinion this Vessel should be Classed A1 S.S. 1863

The Amount of the Fee.....£ 1 : " : " is received by me,

Special .....£ 1 : " : "

x Certificate .....£ " : 2 : 6

Committee's Minute 25<sup>th</sup> August 1863

Character assigned 1 in red

S.S. 1863-4 yrs

J. H. Boulds.  
James Shearer



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Foundation