

Survey held at Glasgow Date July 27th 1884
the Scow S. L. L. L. Master James M. L. L.
Built at Glasgow When built 1864 Launched 20th June 1864
by whom built Mr. Stephen & Sons Owners James L. L. L.
Port belonging to Glasgow Destined Voyage Manila
f Surveyed while Building, Afloat, or in Dry Dock whilst building

Length aloft		Extreme Breadth Outside		Depth of Hold		Thickness of Plank	
18		26		13		1 1/2	
Scantlings of Timber.		Outside.		Inside.			
TIMBER AND SPACE		Garboard Strakes ..		Limber Strakes			
Floors ..	1 1/2	Garboard to Bilge ..		Bilge Planks			
1st Foothooks ..	1 1/2	Bilge Planks		Ceiling in Flat			
2nd Ditto ..	1 1/2	Bilge to Wales		Ditto Bilge to Clamp			
3rd Ditto ..	1 1/2	Wales		Hold Beam Clamps ..			
Top Timbers ..	3 2 1/2	Topsides		Deck Beam Ditto ..			
Deck Beams ..	3 2 1/2	Sheer Strakes		Ceiling 'twixt Decks			
Hold Beams ..	3 2 1/2	Plank Sheers		Hold Beam Shelves ..			
Keel ..	3 2 1/2	Water - Upper Deck		Deck Beam Ditto ..			
Scarp of Ditto ..	3 2 1/2	Ways (Lower Deck					
Keelsons ..	3 2 1/2	Ditto, faying surface					
Scarp of Ditto ..	3 2 1/2	Upper Deck					
Size of Bolts in Fastenings, distinguishing whether Copper or Iron; also of Treenails.							
Heel-Knee, and Deadwood abaft	1 1/2	Transoms and throats of Hooks ..		Hold Beam Bolts in			
Scarp of Keel ..	1 1/2	Arms of Hooks		Knees			
Keelson Bolts through Keel at	1 1/2	Bolts thro' Bilge & Limber Strakes,		Shelf or Clamp			
each Floor ..	1 1/2	or Thickstuff over Double Floors)		Waterway ..			
Bolts through Heels of Timbers	1 1/2	Butt End Bolts		Deck Beam Bolts in			
against Deadwood ..	1 1/2	Pintles of the Rudder		Knees			
				Shelf or Clamp			
				Nails or Bolts in Flat of Deck			
				Treenails			

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 1 1/2 Inches. The Space between the Top Timbers is 1 1/2 Inches.
The Floors consist of Iron Plate The First Foothooks of Frame
The Second Foothooks of Reverse Side to above Bilges and alternately to Gunwale The Third Foothooks and Top Timbers of Frame

The Shifts of the First and Second Foothooks are not less than 1 N. B. When less than prescribed by the Rule, state how many.
The rest of the Shifts of the Frame are 1

The Frame is 1 squared from the First Foothook Heads upwards, and 1 free from sap, and from thence downwards, the frame is 1

The alternate Frames are 1 bolted together to the Gunwale. N. B. If not, state how bolted.

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

The Frame is 1 chocked with 1 Butt at each end of the chock.

The Main piece of Rudder is British Oak

The Main Keelson is as per sketch and 1 free from all defects. The Main piece of Windlass is Cupheart

The Stem, and Stern Post, consist of Teak The Transoms, Aprons, Knight Heads, and Hawse Timbers of Iron Plate & End Oak Deadwood, of Teak and are 1 free from all defects.

Deck and Hold Beams consist of Built & Dugliss The Breasthooks of Iron The Knees of Iron

Outside.—From the Keel to the Height defined in Note to Table A the Plank is American Red Pine

Height to the Light Water Mark Teak

Water Mark to the Wales Teak

and Black-strakes are Teak The Topsides Teak

Sheer-strakes and Plank-sheers Teak The Water-ways { Upper Deck Teak

Lower Deck 1 State of New

The Shifts of the Planking are not less than 1 1/2 Feet 1 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 True 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

Fastenings.—To Hold Beams Welded Nails Riveted to Frames and Straps on top connected to side by angle iron 4 x 3 1/2 riveted to Reverse Side of the Frames

Deck Beams Ditto

Number of Breasthooks Four Pointers Four Crutches Four

Butts End Bolts are of Yellow Metal in the Bottom, and Two Bolt in each Butt End through and secured

Bilge and Limber Strakes 1 bolted through and clenched. Treenails of 1 How Made 1

Thickstuff over Double Floors 1 bolted through and clenched. General Quality of Workmanship Superior

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

Builder's Signature Alex. Stephen Sons Surveyor's Signature J. B. Darling

1884

IRON 437A-0130

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

She has SAILS.

CABLES, &c.

ANCHORS, and their weights.

N ^o .			Fathoms.	Inches.	No.	Weight.
A Double Sail and	Fore Sails,	Chain.....	210	1 1/2	Bower,.....	13.2.0
	Fore Top Sails,	Hempen Stream Cable.....	90	9	Stream,.....	13.1.14
	Fore Topmast Stay Sails,	Hawser.....	80	7 1/2		
	Main Sails,	Towlines.....	90	7		
	Main Top Sails,	Warp.....	90	5	Kedge,.....	2 2.1.14
		All of <u>Good</u> quality.				1.1.16

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

She has a 22 ft Long Boat and two 22 ft Life Boats, and a 20 ft Gig.

The present state of the Windlass is new Capstan new Rudder new Pumps new and efficient.

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 Built under Special Survey and Seen
- 2nd. When the Beams are put in, &c. on the following dates July 12. 22. 27. (March)
- 3rd. { When completed, and before the plank be painted or payed } 1. 11. 26. 30. April 1. 6. 8. 18. 21. 26. 30. May 4. 9. 13. 16. 23. 27. June 3. 7. 13. 20. July 27. (1864)

This vessel is fastened with 1/2 Iron Bolts of Yellow
Iron. Fitted with a Full Poop and Forecastle and
in the respects as per accompanying Indisputable Section
previously submitted for Committee's approval

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

If Sheathed, Doubled, Felted, or Coppered Yellow Iron felt When last done

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

The Amount of the Fee.....£ 5 : 5 : is received by me,

Special£ 23 : 13 :

Certificate£ 10 : 10 :

Committee's Minute 12th August 1864

Character assigned A 1 for 14 Years

(Exp. B.S.) Don't know - planted
W.H.

I concur in the
above Certificate

12 Aug 1864 J.H.L.

Lloyd's Register
Foundation