

Request for S.S. No. 271
No. 2087 Survey held at Glasgow Date October 17 1863 Recd. 29/10/68 2087
on the Ship Eliza Shaw Master John Steel
Tonnage Old Built at Glasgow When built 1863 Launched 11/1/63
For whom built W. Stephen & Sons Owners Charles Shaw
Port belonging to London Destined Voyage China
If Surveyed while Building, Afloat, or in Dry Dock while building

Length aloft		18 1/2		Inches.		Extreme Breadth Outside		30		Inches.		Depth of Hold		18 1/2		Inches.	
		Sided.		Moulded.		Sided.		Moulded.				Thickness of Plank.					
Scantlings of Timber.										Outside.				Inside.			
		IN SHIP.		REQUIRED PER RULE.		IN SHIP.		REQUIRED PER RULE.						IN SHIP.		REQUIRED PER RULE.	
		Middle.		Ends.		Middle.		Ends.						In Ship.		Required per Rule.	
TIMBER AND SPACE		18				18				Garboard Strakes		9		4		Limber Strakes	
Floors		19		9 1/2		18 1/2		9 1/2		Garboard to Bilge		6		4		Bilge Planks	
1st Footbooks		4		3 1/2		4		3 1/2		Bilge Planks		6		4		Ceiling in Flat	
2nd Ditto										Bilge to Wales		4 3/4		4		Ditto Bilge to Clamp	
2nd Ditto										Wales		4 3/4		5 1/4		Hold Beam Clamps	
Top Timbers		3		3		3		2 3/4		Topsides		4 3/4		4		Deck Beam Ditto	
Deck		N° 19		Average Space		Every 3 ft		8 1/2		Sheer Strakes		4 3/4		4		Ceiling 'twixt Decks	
Beams		Double Under		hull		3		3		Plank Sheers		4		4		Hold Beam Shelves	
Deck Beams, length amidships		29 ft				2 1/2		2 1/2		Water - Upper Deck		12		8 1/2		Deck Beam Ditto	
Hold		N° 36		Average Space		Every 3 ft		8 1/2		Ways - Lower Deck							
Beams		Double Under		hull		3		3		Ditto, faying surface against Timbers							
Hold Beams, length amidships		29 ft				2 1/2		2 1/2		Upper Deck		3 1/2		3 1/2			
Keel		12 1/2				12 1/2		12 1/2									
Scarphs of Ditto		6 ft		3 in		5 ft		4 1/2									
Keelsons		15		1 1/2		1 1/2		1 1/2									
Scarphs of Ditto																	
Size of Bolts in Fastenings, distinguishing whether Copper or Iron; also of Treenails.																	
		Copper or Iron.		Inches in Ship.		Inches required per Rule				Copper or Iron.		Inches in Ship.		Inches required per Rule			
Heel-Knee, and Deadwood abaft		1 1/2		1 1/2		1 1/2		1 1/2		Transoms and throats of Hooks		5		5		Waterway	
Scarphs of Keel		N° 8								Arms of Hooks		5		5		Knees	
Keelson Bolts through Keel at each Floor		1 1/2		1 1/2		1 1/2		1 1/2		Bolts thro' Edge & Limber Strakes, or Throat to 2 over Double Floors		1 1/2		1 1/2		Shelf or Clamp	
Bolts through Heels of Timbers against Deadwood		5		5		5		5		Butt End Bolts		1 1/2		1 1/2		Waterway	
										Pintles of the Rudder		3		3		Knees	
																Shelf or Clamp	
																Nails or Bolts in Flat of Deck	
																Treenails	
																Inches	

208780

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.	N ^o .	Weight.		
A Double Suit of Sails	Fore Sails,	Tested to 40 fms		Tested to 29 fms			
	Fore Top Sails,	Chain	270	1 1/2	Bower, Scott's Patent	3	23.0.0
	Fore Topmast Stay Sails,	Hempen Stream Cable	90	8 1/2			23.0.0
	Main Sails,	Hawser Chain	75	1 1/2	Stream,	1	9.0.0
	Main Top Sails,	Towlines	90	7			
		Warp	90	5	Kedge,	2	4.2.0
and	All of Good quality.	90	1 1/2			2.0.0	

Her Standing and Running Rigging Galv. Wire & Hemp sufficient in size and Good in quality.She has a Long Boat and two othersThe 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	<u>Built under Special Survey and seen</u>
	2nd. When the Beams are put in, &c.	<u>on the following dates March 5. 13. 17. 23. 27</u>
	3rd. { When completed, and before the plank be painted or payed }	<u>30. Apr. 1. 6. 10. 13. 17. 21. 28. May. 4. 12. 20. 22. 27. June 2. 8. 12. 16. 19. 25. July 1. 9. 29. Aug. 5. 11. 20. 24. 1873</u>

This vessel is built with iron beams and wood (Carbide) and fastened with 7/8 Yellow Metal Screw Bolts.

Is fitted with an iron Sheerstrake 30 lbs x 7/16, and an inner vertical plate 9/16 x 7/16 connected to Gunwale Plate by an angle iron 4 1/2 x 3/4 x 7/16 securing heels of Stanchions and Waterways.

A Belt of Plating worked a little below ends of Hold Beam 2 1/2 x 7/16 extending fore and aft. between it and Sheerstrake

Diagonal Plates are fitted 13 x 7/16 and rivetted to beams. Bilge Keelsons formed with a foundation plate 12 1/2 x 7/16 and a bulk head 7/16 x 7/16 fitted between double angle beams 4 1/2 x 3/4 x 7/16.

Two other Keelsons of Double angle beam 4 1/2 x 3/4 x 7/16. Centre Keelson.

Sole Plate 2 1/2 x 7/16, vertical plate 15 x 7/16 with four angle beams 4 1/2 x 3/4 x 7/16, and a flat plate on top 9/16 x 7/16. Keel Plate 2 1/2 x 7/16 and Butts double rivetted.

Is fitted with a full Poop and Ironing Forecastle, and a House on Deck for the crew.

Present condition of Caulking of Bottom, Good Deck, Good and Waterways GoodIf Sheathed, Doubled, Felted, or Coppered Galv. Iron to middle of Water When last doneI am of opinion this Vessel should be Classed 15 A. 1.Built under a Shed in conformity with Section 52

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

Special£ 34 : 16 : :

Certificate£ GratisCommittee's Minute 30th October 18 73Character assigned 1 for 15 YearsIron Frame-planked! Expt. B.S.

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