

Now Abundance 693 IRON SHIPS.

Rec 11/10/54

No. 5411 Survey held at Liverpool Date 8th Sept 1854 184

on the Screw Steamer "Alfred" Master

Tonnage—Gross 585 Engine Room 122 Register 463 Built at Deptford in Liverpool

When built 1854 By whom built J. Laing Owners J. Dawson & Co

Port belonging to Liverpool Destined Voyage

If Surveyed Afloat or in Dry Dock During building

Length aloft	Feet.	Inches.	Extreme Breadth	Feet.	Inches.	Depth from Beam to top of Floor	Feet.	Inches.	Power of Engines	Horse. No.
.....	170	—	27	6	15	6	70
Distance between Floors amidships	1	3				Stem, if bar iron, moulding and thickness	6	2 1/2	Bar Iron	
„ „ „ forward and aft	1	6				„ if plate iron, breadth and thickness	6	2 1/2	Bar Iron	
„ „ Ribs amidships	1	3				Stern-post, if bar iron, moulding and thickness	6	2 1/2	Bar Iron	
„ „ „ forward and aft	1	6				„ if plate iron, breadth and thickness	6	2 1/2	Bar Iron	
Floors, Size of Angle Iron, and No. at						Keel, if bar iron, depth and thickness	6	2 1/2	Bar Iron	
bottom of Floor Plate	4	3	1/2	Double to Bilge		„ if plate iron, breadth and thickness	6	2 1/2	Bar Iron	
„ depth & thickness of Plate at mid line	16	—	1/2			Garboard Plates, thickness	5/8			
„ „ „ at turn of bilge	6	—	1/2			„ to bilge	1/2			
„ Size of Reversed Angle Iron, and No. at top of Floor Plate	3	2 1/2	1/2	Double to Bilge		Bilge	1/2			
Ribs, Size of Angle Iron, single or double	4	3	1/2	Double to Bilge		„ to Wales	1/2			
„ „ Reversed Iron, if to every frame	—	—	—			Wales	1/2			
or every frame	—	—	—			Topsides	1/2			
Beams, Deck (N ^o . 35) double or single	6	3	1/2	Single		Sheer-strakes	1/2			
Angle Iron	—	—	—	None		Planksheers	Red Pine	4	1/2	
„ „ depth & thickness of Plate amidships	—	—	—	None		Gunwale Plate or Stringer	Iron	18		
„ „ double or single Angle Iron,	—	—	—	None		Waterway	Red Pine	6		
on lower edge	4	3	1/2	Single		Deck	Yellow Pine	3 1/2		
„ „ average space between	3	6				Ceiling in flat	—			
„ „ if wood (N ^o .) sided & moulded	—	—	—	None		Bilge Planks inside	—			
„ Hold, (N ^o . 17) double or single	6	3	1/2	Single		Ceiling from Bilge to Clamps	—			
Angle Iron	—	—	—	None		Hold Beam Clamps	—			
„ „ depth & thickness of Plate amidships	—	—	—	None		„ „ Shelf	Plate Iron	1/2	18	
„ „ double or single Angle Iron,	—	—	—	None		„ „ Stringers	—			
on lower edge	4	3	1/2	Single		Ceiling between Decks	—			
„ „ average space between	3	6				Stringers	—			
„ „ if wood (N ^o .) sided & moulded	—	—	—	None		Deck Beam Clamps	—			
„ Paddle, wood, sided and moulded	—	—	—	None		„ „ Shelf	Plate Iron	1/2	18	
or if Iron, size of Plate	—	—	—	None		Stringers in Hold	—			
„ Engine	—	—	—	None		Deck, Lower	—			
Keelson, wood, sided & moulded, iron, size of	6	3	5/8							
plate, if B. x, give sketch & dimensions	6	3	5/8							
„ Side or Bilge	6	3	5/8							
„ Number	—	—	—							

Transoms, material or, if none, in what manner compensated for. Round Stern

Knight-heads „ English Oak } are they free from defects? all good

Hawse Timbers „ }

The Ribs extend in one length from Keel to gunwales rivetted through plates with (3/4 in.) rivets, about (8) apart.

The reverse angle irons on the floors extend in one length across the middle line from Bilge to Bilge

„ „ „ on the ribs „ None „ from None to

Keelson, if wood, length of scarp if iron, how are the various lengths connected? with Rivets

Plates, Garboard, double or single rivetted to keel, with rivets (7/8 ins) diameter, averaging (3 1/2 in.) from centre to centre of rivet.

„ edges from Garboards to turn of bilge, worked carvel with a lining piece (1/2 in.) thick, or clencher, double or single rivetted; rivets (3/4 in.) diameter, averaging (2 1/4 ins.) from centre to centre of rivets.

„ butts from Garboards to turn of bilge, worked carvel with a lining piece (1/2) thick, double or single rivetted; rivets (3/4 in.) diameter, averaging (2 1/4 ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below?

„ edges from bilge to wales, worked carvel with a lining piece (1/2) thick, or clencher, ~~double~~ single rivetted; rivets (3/4 in.) diameter, averaging (2 1/4 ins.) from centre to centre of rivets.

„ butts from bilge to wales, worked carvel with a lining piece (1/2) thick, double or single rivetted; rivets (3/4 in.) diameter, averaging (2 1/4 in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below?

„ edges of wales and to planksheers, worked carvel with a lining piece (1/2) thick, or clencher, ~~double~~ single rivetted; rivets (3/4 in.) diameter, averaging (2 1/4 ins.) from centre to centre of rivets.

Planksheer, how secured to the plating of the sides

Waterway „ „ planksheer and to the beams { Explain by a sketch, }

Side trussing „ „ breadth and thickness of plates { if necessary. }

Deck trussing „ „ how secured

Deck Beams, how secured to the side By half "Bracket" knees

Hold „ „ Half "Bracket" knees

Paddle „ „

No. of breasthooks Six crutches Six how are pointers compensated? Round Stern

What description of iron is used for the angle iron and bar iron in the vessel? apparently good quality

Builder's Signature.

693 Iron

Workmanship. Are the lands or laps of the clench work in all cases sufficiently wide to take the rivets and support the strain on them? *they are*
 Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? *they are*
 Do the fillings between the ribs and plates fill in all solid with sliver pieces, or are they in short lengths? *all solid*
 Do the holes for rivetting plate to lining piece, or plate to plate, &c. answer well to each other? *they do* and are the rivet holes well and sufficiently
 counter sunk in the outer plate? *apparently so*
 Are there any rivets which either break into or have been put through the seams or butts of the plating? *a small portion*
 Was the plating caulked internally in the wake of the frames or ribs? *yes*

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

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.	
No.	Fathoms.		Hand fathoms.	Weight cwt.	
<i>A full suit of sails</i>	Fore Sails,	Chain	240	1 1/4	Bower, <i>Probs - best 16" 16" 16"</i>
	Fore Top Sails,	Hempen Stream Cable			Stream, 1 —
	Fore Topmast Stay Sails,	Hawser <i>Chain</i>	60	7/8	Kedge, 1 —
	Main Sails,	Towlines	80	6	
	Main Top Sails,	Warp	80	5	
and		All of <i>good</i> quality.	80	4	

Her Standing and Running Rigging *horse & all* sufficient in size and *good* in quality.

She has *1* Long Boat and *4* *two Quarter Boats*

The present state of the Windlass is *New* Capstan *New* and Rudder *New* Pumps *New*

GENERAL REMARKS.

Statement and date of repairs; extent of corrosion (if any) both internally and externally; and condition of rivets.

*This Vessel is generally well built strong
and in my opinion is fit for A. 1. class*

In what manner are the surfaces preserved from oxidation? *Paint*

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

The Amount of the Fee.....£ 5 : 0 : 0 is received by me,

See Special£ 0 : 0 : 0

Certificate (if required)£ 0 : 5 : 0

Committee's Minute *12th December 1845*

Character assigned *A 1 for 1 Year*



© 2019

Lloyd's Register
Foundation