

Survey held at *North Shields* Date, First Survey *5<sup>th</sup> April* Last Survey *21<sup>st</sup> July*  
in the *Iron Hetch rigged S.S. "Sizgi & Annie"* Master *John Tarbet*  
ONE, OR TWO DECKED, THREE DECKED VESSEL. *BOX CASE*  
OR AWNING DECKED VESSEL. Built at *North Shields*  
When built *1878* Launched *1878*  
By whom built *J. Softley & Son*  
Owners *J. H. Williams & Co.*  
Port belonging to *Liverpool*  
Destined Voyage *France*  
If Surveyed while Building, Afloat, or in Dry Dock. *While building*



DISCLOSED  
SECTION  
No. 823 B

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LENGTH	Feet.	Inches.	BREADTH	Feet.	Inches.	DEPTH	Feet.	Inches.	Power of Engines	Horse	N <sup>o</sup> . of Decks with flat laid	N <sup>o</sup> . of Tiers of Beams
on deck as Rule	89	0	Moulded	19	0	top of Floors to Upper Deck Beams	8	1 1/2	20	20		

Dimensions of Ship per Register, length, 90-1 breadth, 19-15 depth, 8-35			Inches in Ship.			Inches per Rule.		
KEEL, depth and thickness			6 x 1 1/2			6 x 1 1/2		
STEM, moulding and thickness			5 1/2 x 1 1/2			5 1/2 x 1 1/2		
STERN-POST for Rudder do. do.			5 1/2 x 2 1/2			5 1/2 x 2 1/2		
for Propeller			5 1/2 x 2 1/2			5 1/2 x 2 1/2		
of Frames from moulding edge to edge, all fore and aft			20			20		
FRAMES, Angle Iron, for 1/2 length amidships			2 1/2 x 2 1/2	5		2 1/2 x 2 1/2	5	
Do. for 1/2 at each end			2 1/2 x 2 1/2	5		2 1/2 x 2 1/2	5	
REVERSED FRAMES, Angle Iron			2 1/2 x 2 1/2	4		2 1/2 x 2 1/2	4	
FLOORS, depth and thickness of Floor Plate at mid line for half length amidships			10 1/2 x 4			10 1/2 x 4		
thickness at the ends of vessel				4			4	
depth at 3/4 the half-bdth. as per Rule			5 1/2			5 1/2		
height extended at the Bilges			21			21		
BEAMS, Upper, Spar, or Awning Deck Single or double Ang. Iron, Plate or Tee Bulb Iron			5	3	7	5	3	7
Single or double Angle Iron on Upper edge								
Average space			40			40		
BEAMS, Main, or Middle Deck Single or double Ang. Iron, Plate or Tee Bulb Iron								
Single or double Angle Iron, on Upper Edge								
Average space								
BEAMS, Lower Deck, Hold, or Orlop Single or double Ang. Iron, Plate or Tee Bulb Iron								
Single or double Angle Iron on Upper Edge								
Average space								
KEELSONS Centre line, single or double plate, box, or Intercoastal, Plates			7 1/2 x 6			7 1/2 x 6		
Rider Plate			6 3/4 x 6			6 3/4 x 6		
Plate to Intercoastal Keelson								
Angle Irons			3	3	6	3	3	6
Double Angle Iron Side Keelson			3	3	6	3	3	6
Side Intercoastal Plate								
do. Angle Irons								
Attached to outside plating with angle iron								
BILGE Angle Irons			3	3	6	3	3	6
do. Bulb Iron								
do. Intercoastal plates riveted to plating for length								
HOLD-STRINGER Angle Irons								
Intercoastal plates riveted to plating for length								
SIDE STRINGER Angle Irons			3	3	6	3	3	6

ms, material. Knight-heads. Hawse Timbers. *Iron*  
*English Oak* Pall Bitt *English Oak*  
S extend in one length from *Keel* to *Guanwale* Riveted through plates with *5/8* in. Rivets, about *5* apart.  
SED ANGLE IRONS on floors and frames extend *across* middle line to *Upper part of bilge on and to every frame*  
Are the various lengths of Plates and Angle Irons properly connected? *Yes* And butts properly shifted? *Yes*  
G. Garboard, double riveted to Keel, with rivets *1/2* in. diameter, averaging *4 1/2* ins. from centre to centre.  
Edges of Garboards and to upper part of Bilge, worked clencher, *double* riveted; with rivets *5/8* in. diameter, averaging *2 1/4* ins. from centre to centre.  
Butts from Keel to turn of Bilge, worked carvel, *double* riveted; with rivets *5/8* in. diameter averaging *2 1/4* ins. from centre to centre.  
Butts of *One* Strake at Bilge for *half* length, *double* riveted with Butt Straps *7/16* thicker than the plates they connect.  
Edges from bilge to Main Sheerstrake, worked clencher, *double* or single riveted; with rivets *5/8* in. diameter, averaging *2 3/4* ins. from cr. to cr.  
Butts from Bilge to Main Sheerstrake, worked carvel, *double* riveted; with rivets *5/8* in. diameter, averaging *2 3/4* ins. from cr. to cr.  
Edges of Main Sheerstrake, *double* or single riveted. *Upper Sheerstrake, double* riveted.  
Butts of Main Sheerstrake, *double* riveted for *whole* length amidships. Butts of Upper or Spar Sheerstrake, treble riveted length amidships  
Butts of Main Stringer Plate, *double* riveted for *whole* length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for length  
Breadth of laps of plating in double riveting Breadth of laps of plating in single riveting *2 1/2*  
Straps of Keelson Stringer and Tie Plates, treble, double or single Riveted? *Treble and double riveted.*  
way, how secured to Beams *(Explain by Sketch, if necessary.)*  
is of the various Decks, how secured to the sides? *Keelson plates riveted* No. of Breasthooks, *Three*  
Description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? *Angle*  
maker's name or trade mark, *W. H. Ridley & Bell, Low Walker on*  
*Wm. Carter, Hor* Signature, *Wm. Carter, Hor*  
Surveyor to Lloyd's Register



... of the carvel work and of the butts, lay close together throughout their ... without requiring any making good of deficiencies? *Yes*  
... allings between the ribs and plates solid single pieces? *Yes*  
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes*  
Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes*  
Do any rivets break into or through the seams or butts of the plating? *A few*

Masts, Bowsprit, Yards, &c., are *Red Pine* in *Good* condition, and sufficient in size and length. If of Iron or Steel give  
Scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing  
the number of Plates and Angle Irons, mode of riveting, quality of Materials, and if stamped with Maker's name.  
State also Length and Diameter of Lower Masts and Bowsprit

NUMBER for EQUIPMENT 3092		Fathoms.	Inches.	Test per Certificate.	Length & Size req'd pr Rule.	Test req'd per Rule.	ANCHORS.	N <sup>o</sup> .	Weight. Ex. Stock.	Test per Certificate.	W'ght req'd per Rule.	Test req'd per Rule.	
N <sup>o</sup> .	SAILS.	CABLES, &c.	Chain	120	4 1/2	5.12.2.0	120-4 1/2	5.12.2.0	Bowers	1	3.1.275.12.3.0	3.2.0	5 1/2
	Fore Sails,	Double Strain		11.5.0.0						1	3.1.215.12.3.0	3.2.0	5 1/2
	Fore Top Sails,	Lutherton P. H. D. C. Lewis Inspt.											
	Fore Topmast Stay Sails	Date of Certificate 19.6.77.											
		Hmpn Strm Cbl	90	5 1/2			90-5 1/2						
	Main Sails,	Hawser ...							Stream	...	1.0.8	1-0-0	
	Main Top Sails,	Towlines ...	100	3			90-3		Kedges	...	0.2.8	0.2.0	
	and	Warp ...											
		quality good											

Standing and Running Rigging *Wire & Hemp* sufficient in size and *good* in quality. She has *One* Long Boat and

The Windlass is *Good* Capstan *Good* and Rudder *Good* Pumps *Good*.

Engine Room Skylights.—How constructed? *Iron Comings & Wood &c.* How secured in ordinary weather? *Bolted to Angles*

What arrangements for deadlights in bad weather? *Solid shutters and bulls eyes.*

Coal Bunker Openings.—How constructed? *Cast iron &c.* How are lids secured? *By Studs* Height above deck? *3"*

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *Two Ports each side besides mooring pipes*

Cargo Hatchways.—How formed? *Iron Comings and headledges riveted together*

State size Main Hatch *13 ft 4" x 8 feet* Forehatch *3 ft 1" x 3 ft 1"* Quarterhatch *Good*

If extraordinary size, state how framed and secured? *Ordinary size*

What arrangement for shifting beams? *Angle iron shifting beam & Wood fore & after*

Hatches, If strong and efficient? *Yes*

Order for Special Survey No. 1108	1st. On the several parts of the frame, when in place, and before the plating was wrought	1877 April 5. 11. 18. 26. May 3. 7. 17.
Date 19. 10. 1077	2nd. On the plating during the process of riveting	26. June 1. 6. 19. 20. 25. July 6. 12. 14. 21.
Order for Ordinary survey No. —	3rd. When the beams were in and fastened, and before the decks were laid ...	24.
Date —	4th. When the ship was complete, and before the plating was finally coated or cemented..	
No. 124 in builder's yard.	5th. After the ship was launched and equipped	

General Remarks (State quality of workmanship, &c.)

*This is a one decked vessel built in accordance with the rules attached, the Secretary's letter (M) of the 21<sup>st</sup> February 1877. And the Rules. Double angle irons have been fitted upon the floors for 46 ft amidships as marked on the sketch of midship section. The general quality of the workmanship is good.*

*The machine fitted in respect to have in the granted*

State if one, two, or three, decked vessel, or if spar, or awning decked; and the lengths of poop, forecabin, or raised quarter deck, and the length of double, or part double bottom

How are the surfaces preserved from oxidation? Inside *Cement & Paint*

Outside *Paint*

Am of opinion this Vessel should be Classed *90A1*

Amount of the Entry Fee ... £ 1 : : : is received by me, *A. Young*  
Special ... £ 9 : 10 : : 7 Aug 1877  
Certificate ... : : : :  
( )

*C. H. Cooke*

*It is submitted this vessel should be classed* (1000/4,876.)

7th August, 1877.

LR 542-1



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