

## Spar, or Awning Dk. IRON OR STEEL STEAMER.

No. 18400  
WED. AUG 26 1896State if Report is also sent on the Machinery of the Vessel...  
Port of *Sunderland* Date of completion of Report *21<sup>st</sup> August 1896* Received at London Office  
Survey held at *Sunderland* Date, First Survey *3<sup>rd</sup> Nov<sup>r</sup> 1895* Last Survey *19<sup>th</sup> August 1896*  
the *Steel Screw Steamer U M V O T I* Rig *Schooner*

TONNAGE under  
on Deck... 2222.38  
between Tonnage Dk.  
rd, 4th, Spar or  
ng Dk.  
ler Upper Dk.  
p  
dge House  
Forecastl  
of Houses on Deck  
of Hatchways  
rown of  
loom  
onnage  
Crew Space  
Less above Crown of  
Engine Room  
To AGE FOR FEES... 2508.48  
Less Engine Room  
Less Navigation Spaces  
ster Tonnage  
on Beam... 1668.57

SPAR, ~~AWNING~~ OR ~~PARA~~ AWNING-DECKED VESSEL,  
or a Vessel having a continuous Shade Deck.

CLASS 100.A.

FEET.

Half Breadth (moulded) ... 20.50  
Depth from upper part of keel to top of Main Deck Beams 17.96  
Girth of Half Midship Frame (as per Rule) 33.33  
1st Number 71.79  
Length 318.33  
2nd Number 22852  
Proportions—Breadths to Length 7.76  
Depths to Length—Main Deck to top of Keel 17.72

Master *J. Lewis*

Year of Appointment

Built at *Sunderland*When built *1896* Launched *25<sup>th</sup> March 1896*By whom built *James Laing*Owners *Ballard, King & Co*

Managers " " "

(Where necessary to be entered in Reg. Book.)

Residence *London*Port belonging to *London*Destined Voyage *London*If Surveyed while Building, Afloat, ~~in~~ Dry Dock *Yes*

LENGTH on Deck Feet. Inches. 318. 4 BREADTH Moulded Feet. Inches. 41 0 DEPTH, top of Floors to Spar or Awn. Dk. Beams Feet. Inches. 21. 10 1/2  
per Rule. 14 9 1/2 Power of Horse. No. of Decks with flat laid 2  
Engines 450 No. of Tiers of Beams 2  
Dimensions of Ship per Register, Length 321. breadth 41.2 depth. 21.85 Spar or Awn. Dk. Moulded depth, ft. 17 ins. 1 To Main Dk. Round up of 10 1/2 ins.  
Main Deck.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Inches in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches per Rule Or as Approved.	
FRAME, Angles, or  or  Bars, for 1/2 length amidships	5 1/2	3	10	5 1/2	3	KEEL, Bar or Side Plates, depth and thickness	Flat	plate			
Do. for 1/2 at each end	5 1/2	3	9	5 1/2	3	STEM, moulding and thickness	10 x 2 1/2	10 x 2 1/2			
Do. in way of Double Bottoms at Solid Floors	4 1/2	3	8	4 1/2	3	STERN-POST for Rudder do.	10 x 5 1/2	10 x 5 1/2			
" " " at intermdt. Bkts	3 1/2	3	8	3 1/2	3	" " for Propeller	10 x 5 1/2	10 x 5 1/2			
Distance of Frames from moulding edge to moulding edge, all fore and aft	24			24		MAIN PIECE of Rudder, diameter at head	8	8			
Distance of Frames from moulding edge to moulding edge, all fore and aft	24			24		do. at heel	4 5"	4 5"			
EVERSED FRAME, Angles	3 1/2	3 1/2	7	3 1/2	3 1/2	RUDDER, how constructed	Cast steel frame, solid plate				
DEEP FRAMING, depth of girder	38		7	38		Can the Rudder be unshipped afloat?	Yes	Complex			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	38		7	38		KEELSONS AND STRINGERS.					
" " in way of Engines and Boilers						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" " thickness at the ends of vessel	Cellular Bottom					" Rider Plate					
" " depth at 1/2 the half-bdth. as per Rule						" Bulb Plate to Intercoastal Keelson					
" " height extended at the Bilges						" Horizontal Plates on Floors					
FLOORS & BRACKETS, in Cell Dble Bottoms	38		7	38		" Angles					
Distance apart	48			48		SIDE KEELSON, Angles					
CENTRE GIRDER, in Double bottom, depth and thickness	38		10	38		" Bulb or Plate above floors, for lng.					
" " Angles, Top	4	4	9	4	9	" Intercoastal Plate, for length					
" " Bottom	6	4	9	6	9	" Attached to outside plating with Angle					
SIDE GIRDERS, number and thickness	3		7	3		BILGE KEELSON, Angles	Cellular Bottom				
" Angles	3 1/2	3 1/2	7	3 1/2	3 1/2	" Bulb or Plate above floors, for lng.	as per rule				
MARGIN PLATE, depth (exclusive of flange) and thickness	24		8	24		" Intercoastal Plate, for length					
" Angles	3 1/2	3 1/2	8	3 1/2	3 1/2	" Attached to outside plating with Angle					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36		9	36		BILGE STRINGER Angles					
" " thickness in Engine and Boiler space	E.S.	B.S.	8	E.S.	B.S.	" Bulb Plate, for length					
" " Remainder in Holds						" Intercoastal Plate, for length					
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	7	3	9	7	3	" Attached to outside plating with Angle					
" Angles on upper edge						SIDE STRINGER Angles	See web frames				
" Average space	24			24		" Bulb or Intercoastal Plate, for whole lng.	15 x 8	15 x 8			
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3	10	7 1/2	3	" Attached to outside plating with Angle	3	3	7	3	3
" Angles on upper edge						Spar, or Awning Deck Stringer Plates, breadth and thickness	54	11	54	11	
" Average space	24			24		" Angle on ditto	4 x 4 x 9	4 x 4 x 9			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						" Tie Plates, fore and aft, outside Hatchways					
" Angles on upper edge						" Diagonal Tie Plates, No. of prs.	Deck plating increased				
" Average space	24			24		" Deck * Iron or Steel, for whole lng.	Deck plating increased				
BEAMS, Hold, or Orlop, Plate or Tee Bulb						" Wood Deck. Material & thickness	Y.P. 6 x 3	Y.P. 6 x 3			
" Angles on upper edge						Main Deck Stringer Plate, breadth & thickness	47 x 10	47 x 10			
" Average space						" Angles on ditto, No. 2	4 x 4 x 9	4 x 4 x 9			
BEAMS, Hold, or Orlop, Plate or Tee Bulb						" Tie Plates, outside Hatchways	Deck plating increased				
" Angles on upper edge						" Diagonal Tie Plates, No. of prs.					
" Average space						" Deck * Iron or Steel, for whole lng.	Deck plating increased				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	7	3	8	7	3	" Wood Deck. Material & thickness	Deck plating increased				
" Angles on upper edge						Lower Deck Stringer Plates, br'dth & thckn's					
" Average space						" Angles on ditto, No.					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	7	3	8	7	3	" Tie Plates, outside Hatchways					
" Angles on upper edge						" Deck * Material and thickness					
" Average space						Hold, or Orlop Stringer Plate, br'dth & thckn's					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	8 1/2	3	8	8 1/2	3	" Angles on ditto, No.					
" Angles on upper edge	3	3	6	3	3	" Tie Plates, outside Hatchways					
" Average space						" Deck. Material and thickness					
PILLARS, In 'tween Deck, size and spacing	2 1/2	48	2 1/2	48		Poop Deck Stringer Plate, br'dth & thickness	30 x 7	30 x 7			
" " Hold	3 1/2	48	3 1/2	48		" Angles on ditto	3 1/2 x 3 1/2	3 1/2 x 3 1/2			
" " Quarter, 'tween Dks., " "						" Tie Plates	4 x 4 x 9	4 x 4 x 9			
" " in Hold						" Deck. Material and thickness	Y.P. 6 x 3	Y.P. 6 x 3			
WEB-FRAMES, In Fore Body, No. and spacing	9	6 spans	9	6 spans		Bridge Deck Stringer Plate, br'dth & thickness	36 x 7	36 x 7			
" " " br'dth. & thickness	15	x 8	15	x 8		" Angle on ditto	3 1/2 x 3 1/2	3 1/2 x 3 1/2			
WEB FRAMES, In E. & B. Space, No. & spacing	4	5 spans	4	5 spans		" Tie Plates	12 x 7	12 x 7			
" " " br'dth. & thickness	15	x 8	15	x 8		" Deck. Material and thickness	Deck 5 x 2 1/2	Deck 5 x 2 1/2			
WEB FRAMES, In After Body, No. and spacing	7	6 spans	7	6 spans		Forecastle Deck Stringer Plate, br'dth & th'kns	30	7	30	7	
" " " br'dth. & thickness	15	x 8	15	x 8		" Angle on ditto	3 1/2 x 3 1/2	3 1/2 x 3 1/2			
" " " No. of Side Stringers	2	15 x 8	2	15 x 8		" Tie Plates	4 x 4 x 9	4 x 4 x 9			
" " " Size of Angles or Tee Bars to Web Frames	5	4 x 9	5	4 x 9		" Deck. Material and thickness	P.P. 6 x 3	P.P. 6 x 3			
BRACKET PLATES to Stringers between Web Frames, depth and thickness											



Boats 4 Life Boats 2 of which are steel 26'0" Gun Cutter 22.0 1 Ex 18.6  
Pumps, Number 2 for 2 main 1 after held one for peak Diameter of Barrel and Tail Pipe 6 x 3  
Windlass is Cast Crabs and Chain Capstan "  
Engine Room Skylights.—How constructed? Iron on bridge deck  
What arrangements for deadlights in bad weather? Solid Cleverly & Bull's eye  
Coal Bunker Openings.—How constructed? Iron How are lids secured? Hatched Beam Height above deck? 12'  
Number of Scuppers, and number and dimensions of Freeing Ports, &c. Open rails at hatches  
Ceiling in Holds, thickness and material Pine 2 1/2 Ceiling 'tween Decks, thickness and material Pine 2 1/2  
Cargo Hatchways.—How formed? Usual casings Hatches, If strong and efficient? Solid 3  
State size No. 1 Hatch (Forward) 16.0 x 14.0 No. 2 Hatch 24.0 x 14.0 No. 3 Hatch 22.0 x 14.0 No. 4 Hatch 18.0 x 14.0  
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 21 One Web plate 22 Two web plates 23 3/4 one web plate  
No. of Breasthooks 6 No. of Crutches 4  
Bulwarks, height above deck and description 3'6" 7/8 steel Main Rail, material and size. Built any 6. 1/2 inch iron, 1 foot 1/2 inch  
The above is a correct description. Jm James Laing  
Builder's Signature (here only) Arthur Laing Surveyor's Signature William J. Sharps  
Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute  
Character assigned

FRI. AUG 28 1896

100A Steel  
spar dk.

a + cp  
+ 2 mc 8, 96  
7 D. all light

1 sh (Stl) + Spar dk. (Stl. - ns) + Web.

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