

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

No. 11966

State of Report is also sent on the Machinery of the Vessel *Yes*.  
Port of *Greenwich* Date of completion of Report *1<sup>st</sup> April 1898* Received at London Office *SAT. 2 APR 1898*  
Survey held at *Greenwich* Date, First Survey *6<sup>th</sup> June 1896* Last Survey *28<sup>th</sup> March 1898*  
On the *Steel Screw Steamer "Arabia"* Schooner Rig *2 Masted*

TONNAGE under Tonnage Deck... *3176.21*  
Do. between Tonnage Dk. and 3rd. 4th. Spar or Awning Dk. *3264.57*  
Do. under Upper Dk. *6440.72*  
Poop *133.83*  
Bridge Houses *377.00*  
Do. of Forecasts *97.53*  
Do. of Houses on Deck *537.30*  
Do. of excess of Hatchways *302.40*  
Do. above Crown of Engine Room *7902.80*  
Gross Tonnage *441.48*  
Less Crew Space *302.40*  
TONNAGE FOR FEES... *7138.92*  
Less Engine Room *3243.17*  
Less Navigation Spaces *50.85*

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

CLASS *100A1*

FEET.

Half Breadth (moulded) *27.0* 27.0  
Depth from upper part of keel to top of Main Deck Beams *29.46* 29.46  
Girth of Half Midship Frame (as per Rule) *58.33* 49.92  
1st Number *123.20* 106.38  
Length *497.75* 497.75  
2nd Number *57838* 52987  
Proportions—Breadths to Length *9.21*  
Depths to Length—Main Deck to top of Keel *13.14*

Master *J. L. Parfitt*

Year of Appointment

Built at *Greenwich*When built *1898* Launched *10 Nov. 1897*By whom built *Caird & Co. Ltd.*Owners *Peninsular & Oriental Steam Navigation Co.*

Managers

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

Residence *London*Port belonging to *Greenwich*Register Tonnage *4167.30*  
as cut on Beam....Destined Voyage *East Indies*

If Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, top of Floors to Spar or Awning Dk. Beams	Feet.	Inches.	Power of Engines	Horse.	No. of Decks with flat laid	No. of Tiers of Beams
497	9		54	0		24	6		2500		3	4

Dimensions of Ship per Register, Length *497* breadth *54.35* depth *29.46* Moulded depth, ft. *28* ins. *4* To Main Dk. Round up of Beam, Main Dk. *10* ins.

FRAMING.	Inches in Ship	Inches in Ship	16ths or 20ths in Ship	Inches per Rule Or as Approved	16ths or 20ths in Ship	Inches per Rule Or as Approved
FRAME, Angles, or T.E. or L Bars, for $\frac{1}{2}$ length amidships	6 $\frac{1}{2}$	3 $\frac{1}{2}$	11	6 $\frac{1}{2}$	3 $\frac{1}{2}$	11
Do. for $\frac{1}{2}$ at each end			10			10
Do. in way of Double Bottoms at Solid Floors	6 $\frac{1}{2}$	3 $\frac{1}{2}$	11	6 $\frac{1}{2}$	3 $\frac{1}{2}$	11
Distance of Frames from moulding edge to moulding edge, all fore and aft	27			27		
REVERSED FRAME, Angles	4 $\frac{1}{2}$	3 $\frac{1}{2}$	10	4 $\frac{1}{2}$	3 $\frac{1}{2}$	10
DEEP FRAMING, depth of girder						
FLOORS, depth and thickness of Floor Plate at mid line for $\frac{1}{2}$ length amidships						
" in way of Engines and Boilers						
" thickness at the ends of vessel						
" depth at $\frac{1}{2}$ the half bath, as per Rule						
" height extended at the Bilges						
FLOORS & BRACKETS, in Cell Dble Bottoms						
Distance apart	27			27		
CENTRE GIRDER, in Double bottom, depth and thickness	5 $\frac{1}{2}$		12	5 $\frac{1}{2}$		12
" Angles, Top	4	4	10	9	4	10
" Angles, Bottom						
SIDE GIRDERS, number and thickness	4	2	9	8	4	9
" Angles						
MARGIN PLATE, depth (exclusive of flange) and thickness	32		10	32		10
" Angles	4	4	10	9	4	10
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36		11	36		11
" thickness in Engine and Boiler space						
Remainder in Holds						
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	10	6	11	10	6	11
" Angles on upper edge						
Average space	8	3	9	8	3	9
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8	3	9	8	3	9
" Angles on upper edge						
Average space	27			27		
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8	3	9	8	3	9
" Angles on upper edge						
Average space	27			27		
BEAMS, Hold, or Orlop, Plate or Tee Bulb	8	3	9	8	3	9
" Angles on upper edge						
Average space	27			27		
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	10	6	11	10	6	11
" Angles on upper edge						
Average space	54			54		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	8	3	10	8	3	10
" Angles on upper edge						
Average space	54			54		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	10	6	11	10	6	11
" Angles on upper edge						
Average space	54			54		
PILLARS, In 'tween Deck, size and spacing	3	3	4	3	3	4
" Hold	4	4	5	4	4	5
" Quarter, 'tween Dks., "	3	3	4	3	3	4
" in Hold	4	4	5	4	4	5
WEB-FRAMES, In Fore Body, No. and spacing						
" breadth & thickness						
No. of Side Stringers	5			3	4	5
WEB FRAMES, In E. & B. Space, No. & spacing	20			10		20
" breadth & thickness						
WEB FRAMES, In After Body, No. and spacing	7			5		7
" breadth & thickness						
No. of Side Stringers	3			3		3
" Size of Angles or Tee Bars to Web Frames	4	3	10	4	3	10
BRACKET PLATES to Stringers between Web Frames, depth and thickness						

FORGINGS AND CASTINGS.	Inches in Ship	Inches per Rule Or as Approved
KEEL, Bar or Side Plates, depth and thickness	9	4
STEM, moulding and thickness	12	3
STERN-POST for Rudder do. do.	13	8
" for Propeller	11	4
MAIN PIECE of Rudder, diameter at head	10	6
do. at heel	10	6
RUDDER, how constructed		
Can the Rudder be unshipped afloat?		

KEELSONS AND STRINGERS.	Inches in Ship	Inches in Ship	16ths or 20ths in Ship	Inches per Rule Or as Approved	16ths or 20ths in Ship	Inches per Rule Or as Approved
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
Rider Plate						
Bulb Plate to Intercoastal Keelson						
Horizontal Plates on Floors						
Angles						
SIDE KEELSON, Angles						
Bulb or Plate above floors, for length						
Intercoastal Plate, for length						
Attached to outside plating with Angle						
BILGE KEELSON, Angles						
Bulb or Plate above floors, for length						
Intercoastal Plate, for length						
Attached to outside plating with Angle						
BILGE STRINGER Angles	6	4	10	6	4	10
Bulb Plate, for length						
Intercoastal Plate, for length						
Attached to outside plating with Angle	3	3	10	3	3	10
SIDE STRINGER Angles						
Bulb or Intercoastal Plate, for length						
Attached to outside plating with Angle						

Spar, or Awning Deck Stringer Plates,	breadth and thickness	7 <th>13<th>7<th>13</th></th></th>	13 <th>7<th>13</th></th>	7 <th>13</th>	13
Angle on ditto	4	4	9	4	9
Tie Plates, fore and aft, outside Hatchways	5	5	11	5	11
Diagonal Tie Plates, No. of prs.					
Deck, Iron or Steel, for whole length					
Wood Deck, Material & thickness					
Main Deck Stringer Plate, breadth & thickness	7		11	7	11
Angles on ditto, No. 2	4	4	9	4	9
Tie Plates, outside Hatchways					
Diagonal Tie Plates, No. of prs.					
Deck, Iron or Steel, for whole length					
Wood Deck, Material & thickness					
Lower Deck Stringer Plates, breadth & thickness	5	5	10	5	10
Angles on ditto, No. 2	4	4	9	4	9
Tie Plates, outside Hatchways					
Deck, Material and thickness					
Hold, or Orlop Stringer Plate, breadth & thickness	4	4	9	4	9
Angles on ditto, No. 2					
Tie Plates, outside Hatchways					
Deck, Material and thickness					
Poop Deck Stringer Plate, breadth & thickness	4	4	9	4	9
Angles on ditto					
Tie Plates					
Deck, Material and thickness					
Bridge Deck Stringer Plate, breadth & thickness	4	4	9	4	9
Angle on ditto					
Tie Plates					
Deck, Material and thickness					
Forecastle Deck Stringer Plate, breadth & thickness	4	4	9	4	9
Angle on ditto					
Tie Plates					
Deck, Material and thickness					

\* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS.	Number.	In Vessel	Per Rule	Thickness	Horizontal	Vertical	Spacing	Single or Double Frames	Height up
W. T. BULKHEADS	11	6							
PARTITION									
LONGITUDINAL									

Are the outside Plates doubled two spaces of Frames in length? *Yes*

