

## Spar, or Awning Dk.

## IRON OR STEEL STEAMER.

THUR 5 NOV 1896

No. 4668

State if Report is also sent on the Machinery of the Vessel *Yes*

Port of *Belfast* Date of completion of Report *3<sup>rd</sup> November 1896* Received at London Office

Survey held at *Belfast* Date, First Survey *3<sup>rd</sup> March* Last Survey *30<sup>th</sup> October* 1896

On the *Steel Screw Steamer "Magician"* Rig *Free & aft*

Under Deck...  
Between Tonnage Dk.  
1<sup>st</sup> 3<sup>rd</sup>, 4<sup>th</sup>, Spar or  
Awning Dk.

under Upper Dk. *4630.00*  
Poop *162.88*  
Bridge House *68.30*  
Forecasts *48.50*  
Houses on Deck *41.64*  
Access of Hatchways *4.80*  
Crown of Room *76.20*  
Tonnage *5065.50*  
Space *134.29*  
Crown of Room *76.20*  
BE FOR FEES... *4855.01*  
Engine Room *1620.96*  
Navigation Spaces *38.89*

Master Tonnage *3271.36*  
out on Beam....

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

CLASS + 100 A1 Spar and

Half Breadth (moulded) *23.38*  
Depth from upper part of keel to top of Main Deck Beams *26.10*  
Girth of Half Midship Frame (as per Rule) *45.04*  
1st Number *94.52*  
Length *397.66*  
2nd Number *375.86*  
Proportions—Breadths to Length *8.5*  
Depths to Length—Main Deck to top of Keel *15.2*

Master *Robert H. Jones*

Year of Appointment

Built at *Belfast*

When built *1896* Launched *11<sup>th</sup> Sept 1896*

By whom built *Workman Clark & Co Ltd*

Owners *J & J. Harrison*

Managers

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

Residence *Liverpool*

Port belonging to *Liverpool*

Destined Voyage *New Orleans*

If Surveyed while Building, Afloat, or in Dry Dock *Building*

Length on Deck *397.8* Feet. Inches. Breadth *46.9* Feet. Inches. Depth, top of Floors to Spar or Awning Dk. Beams *30.3* Feet. Inches. Power of Engines *500* Horse. No. of Decks with flat laid *Two* No. of Tiers of Beams *Three*

Dimensions of Ship per Register, Length *400.0* breadth *47.0* depth *30.3* Spar or Awning Dk. Moulded depth, ft. *25* ins. *1 1/2* To Main Dk. Round up of Beam, Main Dk. *11 1/2* ins.

FRAMING.				FORGINGS AND CASTINGS.			
	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as	20ths per Rule	20ths per Rule	Inches in Ship.
AME, Angles, or $\frac{1}{2}$ E or $\frac{1}{2}$ Bars, for $\frac{1}{2}$ length amidships	5 1/2	3 1/2	9	5 1/2	3 1/2	9	KEEL, Bar or Side Plates, depth and thickness
Do. for 1/2 at each end			8			8	STEM, moulding and thickness
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	9 1/2	3 1/2	3 1/2	9 1/2	STERN-POST for Rudder do. do.
at intermdt. Bkts.			24				" " for Propeller
Distance of Frames from moulding edge to moulding edge, all fore and aft	5	3 1/2	9 1/2	5	3 1/2	9 1/2	MAIN PIECE of Rudder, diameter at head
Reversed Frame, Angles	7 1/2	5	9 1/2	7 1/2	5	9 1/2	do. at heel
KEEL FRAMING, depth of girder							RUDDER, how constructed
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							Can the Rudder be unshipped afloat?
" in way of Engines and Boilers							
" thickness at the ends of vessel							
" depth at 1/2 the half-bdth. as per Rule							
" height extended at the Bilges							
FLOORS & BRACKETS, in Cell Dble Bottoms			8			8	
Distance apart	24		24				
ENTRE GIRDER, in Double bottom, depth and thickness	4 1/2	10	4 1/2			10	
" Angles, Top	4	4	9 1/2	4	4	9 1/2	
" Bottom	6	4	11 1/2	6	4	11 1/2	
DE GIRDERS, number and thickness	Two and	8	Two and	8			
" Angles	3 1/2	3 1/2	8	3 1/2	3 1/2	8	
MARGIN PLATE, depth (exclusive of flange) and thickness	4	4	9	4	4	9	
" Angles	50	10	50	10			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake			12/16			12/16	
" thickness in Engine and Boiler space			8 1/2			8 1/2	
Remainder in Holds			10			10	
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	9		9			9	
" Angles on upper edge							
Average space	48		48				
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	11		11			11	
" Angles on upper edge							
Average space	48		48				
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	12		12			12	
" Angles on upper edge (9/20 covered plates)	5	5	10	5	5	10	
Average space	Every 10" frame		10" frame				
BEAMS, Hold, or Orlop, Plate or Tee Bulb							
" Angles on upper edge							
Average space							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	6 1/2	3	8	8	3 1/2	11	
" Angles on upper edge							
Average space	24		48				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	6 1/2	3	8	8	3 1/2	11	
" Angles on upper edge							
Average space	24		48				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	9	3 1/2	11	9	3 1/2	11	
" Angles on upper edge							
Average space	48		48				
BULKHEADS, In tween Deck, size and spacing	24	13 1/2	4 ft	24	13 1/2	4 ft	
" Hold	3 1/4	4 1/2	4 ft	3 1/4	4 1/2	4 ft	
" Quarter, tween Dks., "	2 1/8	13 1/4	8 ft	2 1/8	13 1/4	8 ft	
" in Hold	3 1/4	8 ft	3 1/2	8 ft			
WEB FRAMES, In Fore Body, No. and spacing	Seven at 8 ft		Seven at 8 ft				
" breadth & thickness	20	x	9	20		9	
" No. of Side Stringers	Three	20	10	Three	20	10	
WEB FRAMES, In E. & B. Space, No. and spacing	Five at 10 ft		Five at 10 ft				
" breadth & thickness	21		9	21		9	
WEB FRAMES, In After Body, No. and spacing							
" breadth & thickness							
" No. of Side Stringers							
" Size of Angles or Tee Bars to Web Frames	4	3 1/2	9	4	3 1/2	9	
BRACKET PLATES to Stringers between Web Frames, depth and thickness							

KEELSONS AND STRINGERS.				STIFFENERS.			
	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as	20ths per Rule	20ths per Rule	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate							
" Rider Plate							
" Bulb Plate to Intercostal Keelson							
" Horizontal Plates on Floors							
" Angles							
SIDE KEELSON, Angles							
" Bulb or Plate above floors, for lng.							
" Intercostal Plate, for length							
" Attached to outside plating with Angle							
BILGE KEELSON, Angles							
" Bulb or Plate above floors, for lng.							
" Intercostal Plate, for length							
" Attached to outside plating with Angle							
BILGE STRINGER Angles	6 1/2	4 1/2	10 1/2	6 1/2	4 1/2	10 1/2	
" Bulb Plate, for length							
" Intercostal Plate, for 3/5 length	3 1/2	3 1/2	10	3 1/2	3 1/2	10	
" Attached to outside plating with Angle							
SIDE STRINGER Angles							
" Bulb or Intercostal Plate, for lng.							
" Attached to outside plating with Angle							
Spar, or Awning Deck Stringer Plates, breadth and thickness	57 1/2	45	11 1/2	57 1/2	45	11 1/2	
" Angle on ditto	4 x 4	9 1/2	4 x 4	9 1/2			
" Tie Plates, fore and aft, outside Hatchways							
" Diagonal Tie Plates, No. of prs.							
" Deck * Iron or Steel, for whole lng.			8 1/2	4 1/2		8 1/2	
" Wood Deck. Material & thickness							
Main Deck Stringer Plate, breadth & thickness	59 1/2	45	10 1/2	59 1/2	45	10 1/2	
" Angles on ditto, No. Two	4 x 4	9 1/2	4 x 4	9 1/2			
" Tie Plates, outside Hatchways							
" Diagonal Tie Plates, No. of prs.							
" Deck * Iron or Steel, for whole lng.			8 1/2	4 1/2		8 1/2	
" Wood Deck. Material & thickness							
Lower Deck Stringer Plates, br'dth & thckn's	45 1/2	35	10 1/2	45 1/2	35	10 1/2	
" Angles on ditto, No. Two	4 x 4	9 1/2	4 x 4	9 1/2			
" Tie Plates, outside Hatchways							
" Deck * Material and thickness	4 x 4	9	4 x 4	9			
Hold, or Orlop Stringer Plate, br'dth & thckn's	25	10 1/2	25	10 1/2			
" Angles on ditto, No. Two	4 x 4	10 1/2	4 x 4	10 1/2			
" Tie Plates, outside Hatchways							
" Deck, Material and thickness	3 x 3	11 1/2	3 x 3	11 1/2			
Poop Deck Stringer Plate, breadth & thickness	36	7	36	7			
" Angles on ditto	3 1/2 x 3 1/2	7	3 1/2 x 3 1/2	7			
" Tie Plates							
" Deck, Material and thickness	Steel	6	Steel	6			
Bridge Deck Stringer Plate, br'dth & thickness	42	8	42	8			
" Angle on ditto	3 1/2 x 3 1/2	8	3 1/2 x 3 1/2	8			
" Tie Plates							
" Deck, Material and thickness	3" wood	6	3" wood	6			
Forecastle Deck Stringer Plate, br'dth & th'kns	39	7	39	7			
" Angle on ditto	3 1/2 x 3 1/2	7	3 1/2 x 3 1/2	7			
" Tie Plates							
" Deck, Material and thickness	3" wood	7	3" wood	7			
* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.							
BULKHEADS.				STIFFENERS.			
	Number.	Thickness.					
	In Vessel.	Per Rule.		Horizontal.	Vertical.	Spacing.	Single or Double Frames.
				Inches.	Inches.	Inches.	Height.
W. T. BULKHEADS	6	6	7 1/2	8 1/2	5 1/2	30	Round Ribs
PARTITION	1	5 1/2	5 1/2	5 1/2	5 1/2	36	"
LONGITUDINAL,							
Are the outside Plates doubled two spaces of Frames in length?							



