

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

No. 4869

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

Port of Belfast

Date of completion of Report 20<sup>th</sup> Jun 1898

Received at London Office

TUES. 21 JUN 1898

Survey held at Belfast

Date, First Survey Nov 7<sup>th</sup> 1896Last Survey June 15<sup>th</sup>

1898

On the Steel screw Steamer "Beacon Grange"

Rig Fore &amp; aft

TONNAGE under 3725.35

Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk.

Total under Upper Dk. 3725.35

Do. of Poop

Do. of Bridge House

Do. of Forecasts

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

SPAR, ~~AWNING OR PART AWNING DECKED VESSEL,~~

or a Vessel having a continuous Shade Deck.

CLASS - 100 A1. Spar Dk.

Master Robert Taylor

Year of Appointment

(1) As Master in service of owner of present vessel: -18  
(2) As Master of this vessel: -18

Built at Belfast

When built 1898 Launched 25.1.98

By whom built Worsman Clark &amp; Co Ltd

Owners "Beacon Grange" Steamship Co Ltd

Managers "Shoulder Bros &amp; Co Ltd (Mgt.)"

Residence 146 Leadenhall St. E.C.

Port belonging to London

Destined Voyage Australia &amp; S. America If Surveyed while Building, Afloat, or in Dry Dock Building

LENGTH on Deck Feet. Inches. 368 2 BREADTH Moulded Feet. Inches. 47 3 3/4 DEPTH, top of Floors to Spar or Awning Dk. Feet. Inches. 27 3 1/2 Main Deck Beams Feet. Inches. 18 3 1/2 Power of Engines 650 No. of Decks with flat laid Two No. of Tiers of Beams Two

Dimensions of Ship per Register, Length 370 breadth 47.6 depth 27.3 Spar or Awning Dk. Moulded depth, ft. 21 ins. 6 To Main Dk. Round up of Beam, Main Dk. 11 1/2 ins.

FRAMING.				FORGINGS AND CASTINGS.			
	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.		Inches in Ship.	Inches per Rule. Or as Approved.	
FRAME, Angles, or L, C or L Bars, for 1/2 length amidships	6	3 1/2	9	KEEL, Bar or Side Plates, depth and thickness	Plati Keel	Plati Keel	
Do. for 1/2 at each end			8	STEM, moulding and thickness	11 x 2 7/8	11 x 2 7/8	
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	8 1/2	STERN-POST for Rudder do. do.	11 x 6 3/4	11 x 6 3/4	
Distance "of Frames from moulding edge to moulding edge, all fore and aft	24		24	" " for Propeller	9 1/2	9 1/2	
REVERSED FRAME, Angles	5 1/2	3 1/2	9 1/2	MAIN PIECE of Rudder, diameter at head	9 1/2	9 1/2	
DEEP FRAMING, depth of girder	8 1/2		8 1/2	do. at heel	7 1/2	7 1/2	
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships				RUDDER, how constructed	Sing. Plati 2 1/2	Atms Keyed on main	
" in way of Engines and Boilers				Can the Rudder be unshipped afloat?	Yes	(see)	
" thickness at the ends of vessel				KEELSONS AND STRINGERS.			
" depth at 3/4 the half-bdth. as per Rule				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
" height extended at the Bilges				" Rider Plate			
FLOORS & BRACKETS, in Cell Dble Bottoms	24		8	" Bulb Plate to Intercoastal Keelson			
Distance apart	24		24	" Horizontal Plates on Floors			
CENTRE GIRDER, in Double bottom, depth and thickness	4 1/2		10 1/2	" Angles			
" " Angles, Top	4	4	9 1/2	SIDE KEELSON, Angles			
" " Bottom	5	5	11 1/2	" Bulb or Plate above floors, for			
SIDE GIRDERS, number and thickness	one a side 8	one a side 8	8	" Intercoastal Plate, for			
" " Angles	3 1/2	3 1/2	8 1/2	" Attached to outside plating with Angle			
MARGIN PLATE, depth (exclusive of flange) and thickness	33		33	BILGE KEELSON, Angles			
" " Angles	4	4	9	" Bulb or Plate above floors, for			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	4 1/2		10 1/2	" Intercoastal Plate, for			
" " thickness in Engine and Boiler space	8 1/2		10 1/2	" Attached to outside plating with Angle			
" " Remainder in Holds	8 1/2		8 1/2	BILGE STRINGER Angles	9	3 1/2	12 1/2
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8	3	10	" Bulb Plate, for			
" " Angles on upper edge	24		24	" Intercoastal Plate, for			
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8 1/2	3	12	" Attached to outside plating with Angle			
" " Angles on upper edge	24		24	2 SIDE STRINGERS Angles	9	3 1/2	12 1/2
" " Average space	24		24	" Bulb or Intercoastal Plate, for			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Attached to outside plating with Angle			
" " Angles on upper edge				Spar, or Awning Deck Stringer Plates, breadth and thickness	5 1/2 x 4 1/2	10 1/2	5 1/2 x 4 1/2
" " Average space				" Angle on ditto	4 x 4	9 1/2	4 x 4
BEAMS, Hold, or Orlop, Plate or Tee Bulb				" Tie Plates, fore and aft, outside Hatchways			
" " Angles on upper edge				" Diagonal Tie Plates, No. of prs.			
" " Average space				" Deck, Iron or Steel, for			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	8	3	9	" Wood Deck, Material & thickness			
" " Angles on upper edge	48		48	Main Deck Stringer Plate, breadth & thickness	5 1/2 x 4 1/2	10 1/2	5 1/2 x 4 1/2
" " Average space	48		48	" Angles on ditto, No.	4 x 4	9 1/2	4 x 4
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	8	3	9	" Tie Plates, outside Hatchways			
" " Angles on upper edge	48		48	" Diagonal Tie Plates, No. of prs.			
" " Average space	48		48	" Deck, Iron or Steel, for			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	8 1/2	3	12	" Wood Deck, Material & thickness			
" " Angles on upper edge	48		48	Lower Deck Stringer Plates, br'dth & thck'n's			
" " Average space	48		48	" Angles on ditto, No.			
PILLARS, In tween Deck, size and spacing	2 1/4 at 48"		2 1/4 at 48"	" Tie Plates, outside Hatchways			
" " Hold	1 1/2		1 1/2	" Deck, Material and thickness			
" " Quarter, Triceon Dks.	Two rows pillars		Two rows	Hold, or Orlop Stringer Plate, br'dth & thck'n's			
" " in Hold				" Angles on ditto, No.			
WEB-FRAMES, In Fore Body, No. and spacing				" Tie Plates, outside Hatchways			
" " br'dth. & thickness				" Deck, Material and thickness			
WEB FRAMES, In E. & B. Space, No. and spacing	One		One	Poop Deck Stringer Plate, breadth & thickness	3 1/2	7	3 1/2
" " br'dth. & thickness	3 1/2	8	3 1/2	" Angles on ditto	3 1/2	7	3 1/2
WEB FRAMES, In After Body, No. and spacing				" Tie Plates	3 1/2	7	3 1/2
" " br'dth. & thickness				" Deck, Material and thickness	3 1/2	7	3 1/2
" " No. of Side Stringers	Three		Three	Bridge Deck Stringer Plate, br'dth & thickness	4 1/2	8	4 1/2
" " Size of Angles or Tee Bars to Web Frames	4	3 1/2	4	" Angle on ditto	3 1/2 x 3 1/2	10	3 1/2 x 3 1/2
BRACKET PLATES to Stringers between Web Frames, depth and thickness				" Tie Plates	1 1/2	8	1 1/2
				" Deck, Material and thickness	3 1/2	7	3 1/2
				Forecastle Deck Stringer Plate, br'dth & th'kns	3 1/2	7	3 1/2
				" Angle on ditto	3 1/2 x 3	8	3 1/2 x 3
				" Tie Plates	1 1/2	7	1 1/2
				" Deck, Material and thickness	3 1/2	7	3 1/2



