

Spar, Awning or Part Awning Dk.

IRON OR STEEL STEAMER.

16718  
(Received at London Office)  
RS. 27 OCT 1892

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

Date of completion of Report 26 October 1892

Port of Sunderland

No. 16718 Survey held at Sunderland

Date, First Survey 28 October 1892

Last Survey 20<sup>th</sup> October 1892

1892

in the Steel Screw Steamer "PONDO"

Rig Schooner (2 masts)

ONNAGE under Tonnage Deck...  
between Tonnage Dk. and 3<sup>rd</sup> 4<sup>th</sup> Spar or Awn. Dk.

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

Master Salmon

Year of Appointment

(1) As Master in service of owner of present vessel: 1892  
(2) As Master of this vessel: 1893

under Upper Dk. 2349.77

CLASS 100A

Built at Sunderland

When built 1892 Launched 27<sup>th</sup> April

By whom built James Laing

Owners British & Colonial Steam Navigation Co. Ltd.

Managers

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

Residence 22 Crutched Friars

Port belonging to London

Top of Bridge Houses (Spar) 21.20

No. of Houses on Deck 6.28

No. of excess of Hatchways 29.72

No. of Forecastle above Crown of Engine Room 46.51

Gross Tonnage 2741.02

Less Crew Space 69.31

Less above Crown of Engine Room 2671.71

ONNAGE FOR FEES... 877.13

Less Engine Room 2671.71

Less Navigation Spaces 30.47

Register Tonnage 1764.11

Half Breadth (moulded) 20.16

Depth from upper part of keel to top of Main Deck Beams 20.96

Girth of Half Midship Frame (as per Rule) 37.42

1st Number 78.54

Length 308

2nd Number 24190

Proportions—Breadths to Length 7.63

Depths to Length—Main Deck to top of Keel 14.69

Destined Voyage Amsterdam & Surveyed while Building, Afloat, in Dry Dock

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH Moulded	Feet.	Inches.	DEPTH, top of Floors to Spar or Awn. Dk. Beams Do.	Feet.	Inches.	Power of Engines	Horse.	No. of Decks with flat laid	No. of Tiers of Beams
308			40	4		25	14	6	500		Two	Two

Dimensions of Ship per Register, Length 310' breadth 40' 5" depth 25' 5" Spar or Awn. Dk. Moulded depth, ft. 20 ins. 0 1/2 To Main Dk. Beam, Main Dk 11 ins.

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule Or as Approved.
KEEL, Bar or Side Plates, depth and thickness	10 x 2 3/8	10 x 2 3/8
TEM, moulding and thickness	10 x 2 3/8	10 x 2 3/8
STERN-POST for Rudder do. do.	10 x 6	10 x 6
" for Propeller	10 x 6	10 x 6
MAIN PIECE of Rudder, diameter at head	8	8
do. at heel	4	4

RUDDER, how constructed Forged & plated  
Can the Rudder be unshipped afloat? yes.

FRAMING.

	Inches in Ship.	Inches per Rule Or as Approved.	20ths in Ship.	Inches per Rule Or as Approved.	20ths in Ship.
FRAME Angles, or Bars for 1/2 length amidships	5 x 3 x 3 x 10	5 x 3 x 3 x 10			
Do. for 1/2 at each end	5	3	7	5	3
Do. in way of Double Bottoms	5	3	8	5	3
Distance of Frames from moulding edge to moulding edge, all fore and aft	24			24	
REVERSED FRAME Angles	3 1/2	3	8	3 1/2	3
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships					
" 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	40		7	40	
" Distance apart				48	
CENTRE GIRDER, in Double bottom, depth and thickness	40		10	40	
" Angles, Top 4 x 4 x 9 Bottom				4	4
SIDE GIRDERS, number and thickness	Three		7	Three	
" Angles	3 1/2	3 1/2	7	3 1/2	3 1/2
MARGIN PLATE, depth (exclusive of flange) and thickness	33		8	24	
" Angles	3 1/2	3 1/2	8	3 1/2	3 1/2
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36		9	36	
" thickness in Engine and Boiler space				9	
" Remainder in Holds				7	
BEAMS, Spar or Awn. Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6 1/2	3	8	6 1/2	3
" Angles on upper edge					
" Average space				24	
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3	9	7 1/2	3
" Angles on upper edge					
" Average space				24	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb					
" Angles on upper edge					
" Average space					
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	6 1/2	3
" Angles on upper edge					
" Average space				48	
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	6 1/2	3	8	6 1/2	3
" Angles on upper edge					
" Average space				48	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	7		7	7	
" Angles on upper edge	3	3	6	3	3
" Average space				48	
PILLARS, In 'tween Decks, Size and Spacing	2 3/4 as per rule	2 3/4		3 1/2 x 3 1/2	
Hold					
WEB FRAMES, In Fore Body, No. and spacing	Eight 12 feet	Eight 12 feet			
" No. of Side Stringers	Two	Two			
WEB FRAMES, In After Body, No. and spacing	Two 12 feet	Two 12 feet			
" No. of Side Stringers	Two	Two			
" Size of Angles or Tee Bars to Web Frames	6	3	8	6	3
BRACKET PLATES to Stringers between Web Frames, depth and thickness	18		8	18	

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches per Rule Or as Approved.	20ths in Ship.	Inches per Rule Or as Approved.	20ths in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" Bulb 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					
" Bulb Plate, for length					
" Intercoastal Plate, for length					
" Attached to outside Plating with Angle					
SIDE STRINGER Angles					
" Bulb or Intercoastal Plate, for length					

	Inches in Ship.	Inches per Rule Or as Approved.	20ths in Ship.	Inches per Rule Or as Approved.	20ths in Ship.
Spar, or Awning Deck Stringer Plates, on ends of Beams, breadth and thickness	44		9	44	
" Angle on ditto	4 x 4 x 9			4 x 4 x 9	
" Tie Plates, fore and aft, outside Hatchways					
" Diagonal Tie Plates on Bms, No. of prs.					
" Flat of Deck. * Iron or Steel, for whole len.				6/16	
" Wood Material and thickness					
" How fastened to Beams riveted					
Main Deck Stringer Plate, breadth & thickness	44		10	44	
" Angles on ditto, No. Two	4 x 4 x 9			4 x 4 x 9	
" Tie Plates, outside Hatchways					
" Diagonal Tie Plates on Bms, No. of prs.					
" Flat of Deck. * Iron or Steel, for whole len.				6	
" Wood Material and thickness					
" How fastened to Beams riveted					
Lower Deck Stringer Plates, br'dth & thck'n's					
" Angles on ditto, No.					
" Tie Plates, outside Hatchways					
" Flat of Deck. Material and thickness					
" How fastened to Beams					
Hold, or Orlop Stringer Plate, br'dth & thck'n's					
" Angles on ditto, No.					
" Tie Plates, outside Hatchways					
" Flat of Deck. Material and thickness					
" How fastened to Beams					
Poop Deck Stringer Plate, breadth & thickness	36		7	36	
" Angles on ditto	3 1/2 x 3 1/2 x 9			3 1/2 x 3 1/2 x 9	
" Tie Plates	12		7	12	
" Flat of Deck. Material and thickness yellow pine				3 in	
Bridge Deck Stringer Plate, br'dth & thickness	30		8	30	
" Angle on ditto	3 1/2 x 3 1/2 x 9			3 1/2 x 3 1/2 x 9	
" Tie Plates	12		7	12	
" Flat of Deck. Material and thickness yellow pine				3 in	
Forecastle Deck Stringer Plate, br'dth & thck'n's	34		7	34	
" Angle on ditto	3 x 3 x 7			3 x 3 x 7	
" Tie Plates				6/16	
" Flat of Deck. Material and thickness yellow pine 4 in					

PLATING.

	Inches in Ship.	Inches per Rule Or as Approved.	20ths in Ship.	Inches per Rule Or as Approved.	20ths in Ship.
FLAT PLATE KEEL, breadth and thickness					
" Doubling or increased thickness & len. appl.					
PLATES in Garboard Strakes, breadth & thickness from Garboard to lower part of Bilges	36		12	36	
" State Thickness of Plating in way of Double Bottom				11	
" Bilges, No. of Strakes and thickness	Three 12 x 11			Three 12 x 11	
" Of doubling at Bilge, or increased thickness, and length applied fore & aft				Two strakes increased to	
" from up. part of Bilge to edge of Sh'rstrake				11	
Main Sheerstrake, breadth and thickness	42		13	42	
" Of doubling at Sh'rstr. & lng. applied					
" from Main to Spar Dk. or Awn. Dk. Sh'rstrk.				10	
" Spar or Awn. Dk. Sh'rstrk., br'dth & thck'n's	40		13	40	
" doubled at end of bridge				25 x 10	
" Poop sides				7	
" Bridge sides				7	
" Forecastle sides				7	
Lengths of Plating Seven spaces of frames					



