

Spar, or Awning Dk.

IRON OR STEEL STEAMER.

No. 13661.

Port of *Greenock*Date of completion of Report *25th June 1903*

Received at London Office

Survey held at *Port Glasgow*Date, First Survey *11th July 1902*

Last Survey

*22nd June 1903*On the *steel screw steamer**MERCURY*Rig *Schooner**JUN. 30 JUN 1903*TONNAGE under Tonnage Deck... *3643.91*

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

Total under Upper Dk. *3643.91*Do. of Poop *57.42*

Do. of Bridge House

Do. of Forecasts *56.85*Do. of Houses on Deck *71.61*Do. of excess of Hatchways *13.83*Do. above Crown of Engine Room *64.64*Gross Tonnage *3908.26*Less Crew Space *77.82*Less above Crown of Engine Room *64.64*TONNAGE FOR FEES... *3765.80*Less Engine Room *1250.64*Less Navigation Spaces *30.19*Register Tonnage as cut on Beam... *2549.61*SPAR, ~~AWNING OR PART AWNING-DECKED VESSEL,~~
or a Vessel having a continuous Shade Deck.CLASS *100 A 1*

FEET.

Half Breadth (moulded) *24.79*Depth from upper part of keel to top of Main Deck Beams *21.46*Girth of Half Midship Frame (as per Rule) *42.68*1st Number *88.93*Length *343*2nd Number *30502.99*Proportions—Breadths to Length *6.91*Depths to Length—Main Deck to top of Keel *15.98*

Destined Voyage

Master *J. Morgan*Year of Appointment *1903*Built at *Port Glasgow*When built *1903* Launched *26 May 1903*By whom built *Russell & Co*Owners *The Venus Steam Shipping Co. Limited*Managers *John Lockie*Residence *21 Dean St. Newcastle-on-Tyne*Port belonging to *London*AND
Surveyed while Building *Afloat, or in Dry Dock*LENGTH on Deck as per Rule... *343* 0 FEET. INCHES. BREADTH Moulded... *49* 7 FEET. INCHES. DEPTH, top of Floors to Spar or Awning Dk. Beams... *25* 11 1/2 FEET. INCHES. Power of Engines... *17* 11 1/2 HORSE. No. of Decks with flat laid... *Two* No. of Tiers of Beams... *Two*Dimensions of Ship per Register, Length *344.85* breadth *49.9* depth *25.9* Spar or Awning Dk. Moulded depth, ft. *20* ins. *5 1/2* To Main Dk. Round up of Beam, Main Dk. *12* ins.

FRAMING.				FORGINGS AND CASTINGS.				Inches in Ship.				Inches per Rule, Or as Approved.			
Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, or TEE or Bars, for 1/2 length amidships				KEEL, Bar or Side Plates, depth and thickness				11 x 2 3/4				11 x 2 3/4			
Do. for 1/2 at each end				STEM, moulding and thickness				11 x 6 1/2				11 x 6 1/2			
Do. in way of Double Bottoms at Solid Floors				STERN-POST for Rudder do. do.				11 x 6 1/2				11 x 6 1/2			
Distance of Frames from moulding edge to moulding edge, all fore and aft				MAIN PIECE of Rudder, diameter at head				9				9			
REVERSED FRAME, Angles				do. at heel				6 3/4				6 3/4			
DEEP FRAMING, depth of girder				RUDDER, how constructed				Built iron frame & single plate							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships				Can the Rudder be unshipped afloat?				YES							
Do. in way of Engines and Boilers				KEELSONS AND STRINGERS.											
Do. thickness at the ends of vessel				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate											
Do. depth at 1/2 the half bath, as per Rule				Rider Plate											
Do. height extended at the Bilges				Bulb Plate to Intercoastal Keelson											
FLOORS & BRACKETS, in Cell Dble Bottoms				Horizontal Plates on Floors											
Distance apart				Angles											
CENTRE GIRDER, in Double bottom, depth and thickness				SIDE KEELSON, Angles											
Angles, Top				Bulb or Plate above floors, for lng.											
Angles, Bottom				Intercoastal Plate, for length											
SIDE GIRDERS, number and thickness				Attached to outside plating with Angle											
Angles				BILGE KEELSON, Angles AT ENDS				6 1/2 4 1/2 8				6 1/2 4 1/2 8			
MARGIN PLATE, depth (exclusive of flange) and thickness				Bulb or Plate above floors, for lng.											
Angles				Intercoastal Plate, for length											
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				Attached to outside plating with Angle											
Do. thickness in Engine and Boiler space				BILGE STRINGER Angles TWO				6 1/2 4 1/2 12				6 1/2 4 1/2 12			
Remainder in Holds				Bulb Plate, for length											
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				Intercoastal Plate, for length											
Angles on upper edge				Attached to outside plating with Angle											
Average space				SIDE STRINGER Angles TWO				7 3 10				7 3 10			
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				Bulb or Intercoastal Plate, for lng.											
Angles on upper edge				Attached to outside plating with Angle											
Average space				Spar, or Awning Deck Stringer Plates, breadth and thickness				54 9				54 9			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				Angle on ditto				4 x 4 9				4 x 4 9			
Angles on upper edge				Tie Plates, fore and aft, outside Hatchways											
Average space				Diagonal Tie Plates, No. of prs.											
BEAMS, Hold, or Orlop, Plate or Tee Bulb				Deck, * Iron or Steel, for WHOLE lng.				8-7				8-7			
Angles on upper edge				Wood Deck, Material & thickness											
Average space				Main Deck Stringer Plate, breadth & thickness				54 10				54 10			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				Angles on ditto, No. TWO				4 x 4 9				4 x 4 9			
Angles on upper edge				Tie Plates, outside Hatchways											
Average space				Diagonal Tie Plates, No. of prs.											
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb				Deck, * Iron or Steel, for WHOLE lng.				8-7				8-7			
Angles on upper edge				Wood Deck, Material & thickness											
Average space				Lower Deck Stringer Plates, br'dth & thick's											
BEAMS, Hold, or Orlop, Plate or Tee Bulb				Angles on ditto, No.											
Angles on upper edge				Tie Plates, outside Hatchways											
Average space				Deck, * Material and thickness											
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				Hold, or Orlop Stringer Plate, br'dth & thick's											
Angles on upper edge				Angles on ditto, No.											
Average space				Tie Plates, outside Hatchways											
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb				Deck, Material and thickness											
Angles on upper edge				Poop Deck Stringer Plate, breadth & thickness				30 7				30 7			
Average space				Angles on ditto				3 x 3 7				3 x 3 7			
BEAMS, Hold, or Orlop, Plate or Tee Bulb				Tie Plates											
Angles on upper edge				Deck, Material and thickness				5				5			
Average space				Bridge Deck Stringer Plate, br'dth & thickness				40 10				40 10			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				Angle on ditto				3 1/2 x 3 1/2 10				3 1/2 x 3 1/2 10			
Angles on upper edge				Tie Plates											
Average space				Deck, Material and thickness				STEEL							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb				Forecastle Deck Stringer Plate, br'dth & th'kns				30 7				30 7			
Angles on upper edge				Angle on ditto				3 x 3 7				3 x 3 7			
Average space				Tie Plates				12 7				12 7			
BEAMS, Hold, or Orlop, Plate or Tee Bulb				Deck, Material and thickness				PITCH PINE				3			
Angles on upper edge															
Average space															
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb															
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Boats *Four*
Pumps, Number *Downton pump is hollo, Hand pump is 6" Bore* Diameter of Barrel and Tail Pipe *Downton 5' x 3 1/2" Hand pump 4' x 2 1/2"*
Windlass is *of steam by Emerson Walker & Thompson Bros.* Capstan *8 Steam wrenches*
Engine Room Skylights, — How constructed? *of steel plates and angle*
What arrangements for deadlights in bad weather? *solid teak shutters and bull's eyes*
Coal Bunker Openings, — How constructed? *of steel* How are lids secured? *bottom & back* Height above deck? *9" bell angle*
Number of Scuppers, and number and dimensions of Freeing Ports, &c. *3 Scuppers & 3 Freeing ports each side* *28 x 20*
Ceiling in Holds, thickness and material *2 1/2" White pine* Ceiling 'tween Decks thickness and material *2" White pine*
Cargo Hatchways, — How formed? *of steel plates and angle* Hatches, if strong and efficient? *Yes, 3 solid.*
State size **No. 1 Hatch (Forward)** *20'0" x 14'0" x 30"* **No. 2 Hatch** *24'0" x 14'0" x 18"* **No. 3 Hatch** *28'0" x 14'0" x 18"* **No. 4 Hatch** *20'0" x 14'2" x 30"*
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *one web plate in No. 1 & 4 and two web plates in No. 2 & 3 hatchways*
Three wood fore and afters in each hatchway No. of Breasthooks *Five* No. of Crutches *deep floor*
Bulwarks, height above deck and description *4'8" x 7 1/2" steel* Bulwark *7 1/2" Main Rail, natural end size* *6' x 3' x 7 1/2" S.A.*
The above is a correct description.
Builder's Signature (here only) *For Russell & Coys* Surveyor's Signature *J. French*
James Surveyor of Lloyd's Register of British & Foreign Shipping.