

1 or 2 Dks., R.Q.Dk.,  
and Pt. Awng. Dk.

# IRON OR STEEL STEAMER.

No. 27421.  
WED. 17 FEB 1909

State if Report is also sent on the Machinery of the Vessel *Yes*  
Date of completion of Report *13<sup>th</sup> February 1909* Port of *Glasgow*  
Date, First Survey *21<sup>st</sup> October 08* Last Survey *2<sup>nd</sup> February 1909*  
"J. & J. MONKS"  
Rig *Schooner*

Survey held at *Glasgow*  
On the *Steel Screw Steamer*

TONNAGE under Tonnage Deck... *224.40*  
Do. of Poop... *30.33*  
Do. of Raised Or. Dk. or Break... *11.23*  
Do. of Bridge House... *.89*  
Do. of Forecastle... *3.45*  
Do. of Houses on Deck... *11.53*  
Do. of excess of Hatchways Do. above Crown of Engine Room... *282.53*  
Gross Tonnage... *36.37*  
Less Crew Space... *246.16*  
Less above Crown of Engine Room... *120.30*  
Less Navigation Spaces... *27.44*  
Register Tonnage... *98.42*  
as cut on Beam...

ONE OR TWO DECKED VESSEL.

CLASS *\*100 A.1*

Half Breadth (moulded) *11.50*  
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam) *11.47*  
Birth of Half Midship Frame (as per Rule) *21.25*  
1st Number *44.22*  
Length on deck from after part of stem to fore part of stern post *129*  
2nd Number *5704*  
Proportions—Breadths to Length *5.6*  
Depths to Length—Main Deck to top of Keel... *11.24*

Master

Year of appointment (1) As master in service of owner of present vessel... 19 (2) As master of this vessel... 19

Built at *Bowling*

When built *1909* Launched *20<sup>th</sup> Jan. 09*

By whom built *Scott & Sons*

Owners *James Henry Monks (Preston) Ltd.*

Managers

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

Residence *Old Harbour Office, The Docks*

Port belonging to *Liverpool*

Destined Voyage *Coasting* If Surveyed while Building, Afloat, or in Dry Dock *While building*

LENGTH on Deck as per Rule... *129* *0* BREADTH—Moulded... *23* *0* DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams... *10* *4* No. of Decks with Flat laid *one* No. of Tiers of Beams *one*

Dimensions of Ship per Register, Length, *130.25* breadth, *23.1* depth, *10.08* Moulded Depth, *11* ft. *0* ins. Round of Beam, Actual *7* ins.

## FRAMING.

	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.	20ths per Rule
FRAME, Angles <i>L</i> , <i>E</i> or <i>L</i> Bars, for $\frac{1}{2}$ length amidships	<i>4 1/2</i>	<i>3</i>	<i>8</i>	<i>4 1/2</i>	<i>3</i>	<i>8</i>
Do. for $\frac{1}{2}$ at each end						
Do. in way of Double Bottoms at Solid Floors						
" " " at intermed. Dkts.						
Spacing of Frames from centre to centre		<i>21</i>			<i>21</i>	
REVERSED FRAME, Angles <i>across floors</i>	<i>2 1/2</i>	<i>2 1/2</i>	<i>5</i>	<i>2 1/2</i>	<i>2 1/2</i>	<i>5</i>
DEEP FRAMING, depth of girder	<i>4 1/2</i>			<i>4 1/2</i>		
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	<i>15</i>	<i>x</i>	<i>6</i>	<i>15</i>	<i>x</i>	<i>6</i>
" in way of Engines and Boilers			<i>7-8</i>			<i>7-8</i>
" thickness at the ends of vessel			<i>6</i>			<i>6</i>
" depth at $\frac{1}{2}$ the half breadth, as per Rule			<i>straight across</i>			<i>see section</i>
" height extended at the Bilges						
FLOORS & BRACKETS, in Coll. Dble Bottoms						
" " state if flanged (top & bottom)						
" " Spacing						
CENTRE GIRDER, in Double Bottom, depth and thickness						
" " Angles, Top						
" " " Bottom						
SIDE GIRDERS, number on each side & thickness						
" " state if flanged (top & bottom)						
" " Angles						
MARGIN PLATE, depth (exclusive of flange) and thickness						
" " Angles to Outside Plating						
" " Floors						
" " Height of Floors at the Bilges						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						
" " thickness in Engine and Boiler space						
" " Remainder in Holds						
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>4 1/2</i>	<i>3</i>	<i>6</i>	<i>4 1/2</i>	<i>3</i>	<i>6</i>
" " Angles on Upper Edge						
" " Spacing		<i>21</i>			<i>21</i>	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						
" " Angles on Upper Edge						
" " Spacing						
BEAMS, Hold, Plate or Tee Bulb						
" " Angles on Upper Edge						
" " Spacing						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						
" " Angles on Upper Edge						
" " Spacing						
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb	<i>4 1/2</i>	<i>3</i>	<i>6</i>	<i>4 1/2</i>	<i>3</i>	<i>6</i>
" " Angles on Upper Edge						
" " Spacing		<i>42</i>			<i>42</i>	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>5</i>	<i>3</i>	<i>7</i>	<i>5</i>	<i>3</i>	<i>7</i>
" " Angles on Upper Edge						
" " Spacing		<i>42</i>			<i>42</i>	
PILLARS, In 'tween Decks, Size and Spacing	<i>2 1/2</i>	<i>at 42"</i>		<i>2 1/2</i>	<i>at 42"</i>	
" " Hold						
" " Quarter, 'tween Dks., " "						
" " in Hold						
WEB FRAMES, In Fore Body, No. and Spacing						
" " " Brdth. & Thickness						
" " No. of Side Stringers						
WEB FRAMES, In E. & B. Space, No. & Spacing						
" " " Brdth. & Thickness						
WEB FRAMES, In After Body, No. and Spacing						
" " " Brdth. & Thickness						
" " No. of Side Stringers						
" " Size of Angles or Tee Bars to Web Frames						
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	<i>7 x 1 1/2</i>	<i>7 x 1 1/2</i>
STEM, moulding and thickness	<i>8"</i>	<i>8"</i>
STERN-POST for Rudder do. do.	<i>6 x 3</i>	<i>6 x 3</i>
" " for Propeller	<i>8"</i>	<i>8"</i>
MAIN PIECE of Rudder, diameter at head	<i>4 3/4</i>	<i>4 3/4</i>
do. at heel	<i>3 1/2</i>	<i>3 1/2</i>
RUDDER, how constructed <i>Simple Plate Arms at each pintle</i>		
Can the Rudder be unshipped afloat? <i>Yes</i>		

## KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	20ths per Rule
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	<i>16</i>	<i>x</i>	<i>8</i>	<i>16</i>	<i>x</i>	<i>8</i>
" Rider Plate	<i>6 1/2</i>	<i>x</i>	<i>8</i>	<i>6 1/2</i>	<i>x</i>	<i>8</i>
" Bulb Plate to Intercoastal Keelson						
" Horizontal Plates on Floors						
" Angles	<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
SIDE KEELSON, Angles	<i>(2)</i>	<i>4</i>	<i>3</i>	<i>7</i>	<i>4</i>	<i>3</i>
" Bulb or Plate above floors for <i>Ing.</i>						
" Intercoastal Plate for <i>practicable length</i>			<i>6</i>			<i>6</i>
" Attached to outside plating with Angle	<i>3</i>	<i>3</i>	<i>7</i>	<i>3</i>	<i>3</i>	<i>7</i>
BILGE KEELSON, Angles	<i>(2)</i>	<i>6</i>	<i>3</i>	<i>8</i>	<i>6</i>	<i>3</i>
" Bulb or Plate above floors for <i>Ing.</i>						
" Intercoastal Plate for <i>length</i>						
" Attached to outside plating with Angle						
BILGE STRINGER Angles						
" Bulb Plate for <i>length</i>						
" Intercoastal Plate for <i>length</i>						
" Attached to outside plating with Angle						
SIDE STRINGER Angles	<i>(1)</i>	<i>6</i>	<i>3</i>	<i>8</i>	<i>6</i>	<i>3</i>
" Bulb or Intercoastal Plate for <i>R.Q.D. Ing.</i>				<i>7</i>		<i>7</i>
" Attached to outside plating with Angle	<i>3</i>	<i>3</i>	<i>7</i>	<i>3</i>	<i>3</i>	<i>7</i>

Main and Raised Quarter Deck Stringer Plate, breadth and thickness	<i>54</i>	<i>6/16</i>	<i>54</i>	<i>6/16</i>
" Angle on ditto	<i>3 x 3</i>	<i>6/16</i>	<i>3 x 3</i>	<i>6/16</i>
" Tie Plates, outside Hatchways				
" Diagonal Tie Plates on Bms, No. of Pairs				
" Main Dk* <i>Iron or Steel</i> for <i>full Ing.</i>		<i>5/16</i>		<i>5/16</i>
" R. Q. Dk* <i>Iron or Steel</i> for <i>full Ing.</i>		<i>5/16</i>		<i>5/16</i>
" Wood Deck, Material & thickness				
Lower Deck Stringer Plate, breadth and thickness				
" Angles on ditto, No.				
" Tie Plates, outside Hatchways				
" Deck* Material and thickness				
Hold Stringer Plate				
" Angles on ditto, No.				
Poop Deck Stringer Plate, breadth & thickness				
" Angle on ditto				
" Tie Plates				
" Deck, Material and thickness				
Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	<i>30</i>	<i>6</i>	<i>30</i>	<i>6</i>
" Angle on ditto	<i>3 x 3</i>	<i>6/16</i>	<i>3 x 3</i>	<i>6/16</i>
" Tie Plates	<i>7</i>	<i>7</i>	<i>7</i>	<i>7</i>
" Deck, Material and thickness	<i>P.P.</i>	<i>5 x 2 1/2</i>	<i>5 x 2 1/2</i>	
Forecastle Deck Stringer Plate, brdth & thcknss	<i>21</i>	<i>6</i>	<i>21</i>	<i>6</i>
" Angle on ditto	<i>3 x 3</i>	<i>6/16</i>	<i>3 x 3</i>	<i>6/16</i>
" Tie Plates		<i>6</i>		<i>6</i>
" Deck, Material and thickness	<i>P.P.</i>	<i>5 x 2 1/2</i>	<i>5 x 2 1/2</i>	

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

BULKHEADS.	Number.		Thickness.	STIFFENERS.				Single or Double Frames.	Height up.
	In Vessel.	Per Rule.		Horizontal Size.	Vertical Spacing.	Horizontal Spacing.	Vertical Spacing.		
W.T. BULKHEADS	<i>3</i>	<i>3</i>	<i>5</i>	<i>3 x 2 1/2 x 1/4</i>	<i>48</i>	<i>3 x 2 1/2 x 1/4</i>	<i>30</i>	<i>Single Deck</i>	
PARTITION	<i>✓</i>							<i>2 1/2 R.</i>	
LONGITUDINAL	<i>✓</i>								

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

Are the Sluice Valves and Watertight Doors in efficient working order? *none*



PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. RIVETING. MANUFACTURER'S name or trade mark of the Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c.?

Correspondence. State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case). Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? General Remarks (State quality of workmanship, &c.)