

3 Decks.

IRON OR STEEL STEAMER.

Received at London Office WED 5 AUG 1907

Date of completion of report *25th July 1908* State of Report is also sent on the Machinery of the Vessel
Survey held at *Middlesbrough* Port of *Middlesbrough* No. *5521*
On the *Screw Steamer "Brika"* Date, First Survey *16th August 1907* Last Survey *15th July 1908*
Rig *Schooner*

TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk. *3322.70*
Do. of Poop *18.32*
Do. of Bridge House *13*
Do. of Forecastle *40.67*
Do. of Houses on Dk. *82.18*
Do. of excess of Hatchways *39.37*
Do. above Crown of Engine Room *45.23*
Gross Tonnage *3548.60*
Less Crew Space *81.80*
Less above Crown of Engine Room *45.23*
Tonnage for Deck *3421.57*
Less Engine Room *1135.55*
Less Navigation Spaces *118.78*

THREE DECKED VESSEL.
CLASS *100A1*
Half Breadth (moulded) *24.75*
Depth from upper part of Keel to top of Upper Deck Beams (with the normal round up of beam) *26.83*
Girth of Half Midship Frame (as per Rule) *47.66*
deduct 7 feet *7.00*
1st Number *92.24*
Length on deck from after part of stem to fore part of stern post *348.16*
2nd Number *3214.27*
Proportions—Breadth to Length *7.03*
Depth to Length—Upper Deck to top of Keel *12.97*
Main Deck ditto *12.97*

Master *H. H. J. Beavan*
Year of appointment *1908*
Built at *Middlesbrough*
When built *1908* Launched *16th June 1908*
By whom built *R. Craggs & Sons Ltd.*
Owners *English & American Shipping Co. Ltd.*
Managers *C. F. Bowring & Co. Ltd.*
Residence *London*
Port belonging to *London*

Register Tonnage as cut on Beam *2212.47*

Destined Voyage *Sunderland for Middlesbrough* Surveyed while Building, Afloat, or in Dry Dock *Yes*

LENGTH on Deck as per Rule *348* Feet. *2* Inches. BREADTH—Moulded *49* Feet. *6* Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams *26* Feet. *5 1/2* Inches. No. of Decks with flat laid *One*
No. of Tiers of Beams *One*

Dimensions of Ship per Register, Length *350* breadth *49.7* depth *23.45* Moulded depth, ft. *26* ins. *10* To Upper Dk. Round of Upper Dk. Beam, Actual *15* ins.

FRAMING.						FORGINGS or CASTINGS.					
	Inches in Ship	Inches in Ship	20ths per Rule Or as Appro.	Inches in Ship	20ths per Rule Or as Appro.		Inches in Ship	Inches in Ship	20ths per Rule Or as Appro.	Inches per Rule. Or as Approved.	
FRAME, Angles, or <i>7</i> or <i>8</i> Bars for $\frac{1}{2}$ length amidships	<i>7</i>	<i>3 1/2</i>	<i>9</i>	<i>7</i>	<i>3 1/2</i>	KEEL, Bar or Side Plates, depth and thickness	<i>Flat</i>	<i>Plate</i>			
Do. for $\frac{1}{2}$ at each end			<i>8</i>		<i>8</i>	STEM, moulding and thickness	<i>10 x 3 1/4</i>	<i>10 x 3 1/4</i>			
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>		<i>10.9</i>	<i>3 1/2</i>	<i>10.9</i>	STERN-POST for Rudder do. do.	<i>11 x 6 3/4</i>	<i>11 x 6 3/4</i>			
" " at intermdt. Bkts.	<i>5 1/2</i>		<i>5 1/2</i>		<i>5 1/2</i>	" for Propeller					
Spacing of Frames from centre to centre		<i>25</i>			<i>25</i>	MAIN PIECE of Rudder, diameter at head	<i>9</i>	<i>9</i>			
REVERSED FRAME, Angles	<i>8</i>	<i>3 1/2</i>	<i>9.8</i>	<i>8</i>	<i>3 1/2</i>	do. at heel	<i>6 3/4</i>	<i>6 3/4</i>			
DEEP FRAMING, depth of girder		<i>12</i>			<i>12</i>	RUDDER, how constructed	<i>Forged & built</i>	<i>22/20 Single Plate</i>			
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships		<i>bell</i>			<i>bell</i>	Can the Rudder be unshipped afloat?	<i>Yes</i>	<i>Coupled at neck</i>			
" in way of Engines and Boilers		<i>7.8</i>			<i>7.8</i>	KEELSONS & STRINGERS.					
" thickness at the ends of vessel		<i>8</i>			<i>8</i>		Inches in Ship	Inches in Ship	20ths per Rule Or as Appro.	Inches per Rule. Or as Approved.	
" depth at $\frac{1}{2}$ the half breadth, 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	<i>4 1/2</i>	<i>8</i>	<i>4 1/2</i>	<i>8</i>	<i>8</i>	" Bulb Plate to Intercoastal Keelson					
" state if flanged (top & bottom)		<i>20</i>			<i>20</i>	" Horizontal Plates on Floors					
" Spacing		<i>50</i>			<i>50</i>	" Angles					
CENTRE GIRDER, in Double bottom, depth and thickness	<i>4 1/2</i>	<i>10.8</i>	<i>4 1/2</i>	<i>10.8</i>	<i>10.8</i>	SIDE KEELSON, Angles					
" Angles, Top	<i>4</i>	<i>4</i>	<i>10.9</i>	<i>4</i>	<i>10.9</i>	" Bulb or Plate above floors, for lng.					
" Bottom	<i>4 1/2</i>	<i>4 1/2</i>	<i>12.10</i>	<i>4 1/2</i>	<i>4 1/2</i>	" Intercoastal Plate, for length					
SIDE GIRDERS, number on each side & thickness	<i>Three</i>	<i>8</i>	<i>Three</i>	<i>8</i>	<i>8</i>	" Attached to outside Plating with Angle					
" state if flanged (top and bottom)		<i>20</i>			<i>20</i>	BILGE KEELSON, Angles					
" Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>8</i>	<i>3 1/2</i>	<i>8</i>	" Bulb or Plate above floors, for lng.					
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>3 1/2</i>	<i>10</i>	<i>3 1/2</i>	<i>10</i>	<i>10</i>	" Intercoastal Plate for length					
" Angles to Outside Plating	<i>4</i>	<i>4</i>	<i>9</i>	<i>4</i>	<i>9</i>	" Attached to outside Plating with Angle					
" Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>8</i>	<i>3 1/2</i>	<i>8</i>	BILGE STRINGER Angles	<i>6 1/2</i>	<i>4 1/2</i>	<i>10</i>	<i>6 1/2</i>	<i>4 1/2</i>
" Height of Floors at the Bilges	<i>4 1/2</i>	<i>10.8</i>	<i>4 1/2</i>	<i>10.8</i>	<i>10.8</i>	" Bulb Plate for length					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>4 1/2</i>	<i>8</i>	<i>4 1/2</i>	<i>8</i>	<i>8</i>	" Intercoastal Plate for full length	<i>14 1/2</i>	<i>8</i>	<i>14 1/2</i>	<i>8</i>	
" in Engine and Boiler space		<i>8 1/2</i>			<i>8 1/2</i>	" Attached to outside Plating with Angle	<i>3 1/2</i>	<i>3 1/2</i>	<i>8</i>	<i>3 1/2</i>	<i>8</i>
" Remainder in Holds		<i>8 1/2</i>			<i>8 1/2</i>	SIDE STRINGER Angles	<i>6 1/2</i>	<i>4 1/2</i>	<i>12.10</i>	<i>6 1/2</i>	<i>4 1/2</i>
BEAMS, Upper Deck, Single Angle, Bulb	<i>7 1/2</i>	<i>3</i>	<i>10</i>	<i>7 1/2</i>	<i>3</i>	" Bulb or Intercoastal Plate, for full lng.					
" Angle, Plate or Tee Bulb						" Attached to outside plating with Angle	<i>8</i>	<i>3 1/2</i>	<i>9.8</i>	<i>8</i>	<i>3 1/2</i>
" Angles on upper edge						Upper Deck Stringer Plates, br'dth & thickness	<i>49.42</i>	<i>10.8</i>	<i>49.42</i>	<i>10.8</i>	
" Spacing		<i>25</i>			<i>25</i>	" Angle on ditto	<i>4.4</i>	<i>9.8</i>	<i>4.4</i>	<i>9.8</i>	
BEAMS, Middle Deck, Single Angle, Bulb						" Tie Plates, outside Hatchways	<i>4 1/2</i>	<i>4 1/2</i>	<i>11.10</i>	<i>4 1/2</i>	<i>4 1/2</i>
" Angle, Plate or Tee Bulb						" Deck * Iron or Steel, for full lng.	<i>8 1/2</i>	<i>8</i>	<i>8 1/2</i>	<i>8</i>	
" Angles on upper edge						" Wood Deck, Material & thickness					
" Spacing						Middle Deck Stringer Plate, br'dth & thickness					
BEAMS, Lower Deck, Single Angle, Bulb						" Angles on ditto, No.					
" Angle, Plate or Tee Bulb						" Tie Plates outside Hatchways					
" Angles on upper edge						" Diagonal Tie Plates, No. of pairs					
" Spacing						" Deck * Iron or Steel, for lng.					
BEAMS, Hold, or Orlop, Plate or Tee Bulb						" Wood Deck, Material & thickness					
" Angles on upper edge						Lower Deck Stringer Plate, br'dth & thickness					
" Spacing						" Angles on ditto, No.					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>6</i>	<i>3</i>	<i>9</i>	<i>6</i>	<i>3</i>	" Tie Plates, outside Hatchways					
" Angles on upper edge						" Deck, Material and thickness					
" Spacing						Hold, or Orlop Stringer Plate, br'dth & thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>7 1/2</i>	<i>3</i>	<i>9</i>	<i>7 1/2</i>	<i>3</i>	" Angles on ditto, No.					
" Angles on upper edge						" Tie Plates outside Hatchways					
" Spacing						" Deck, Material and thickness					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>7 1/2</i>	<i>3</i>	<i>10</i>	<i>7 1/2</i>	<i>3</i>	Poop Deck Stringer Plate, breadth & thickness	<i>36</i>	<i>8</i>	<i>34</i>	<i>8</i>	
" Angles on upper edge						" Angle on ditto	<i>4.4</i>	<i>8</i>	<i>4.4</i>	<i>8</i>	
" Spacing						" Tie Plates					
PILLARS, In 'tween Deck, size and spacing	<i>7 1/2</i>	<i>3</i>	<i>10</i>	<i>7 1/2</i>	<i>3</i>	" Deck, Material and thickness	<i>Iron</i>	<i>9 1/6</i>	<i>9 1/6</i>	<i>9 1/6</i>	
" Hold						Bridge Deck Stringer Plate, br'dth & thickness	<i>40</i>	<i>10</i>	<i>40</i>	<i>10</i>	
" Quarter 'tween Dks.,						" Angle on ditto	<i>4 1/2</i>	<i>4 1/2</i>	<i>11</i>	<i>4 1/2</i>	<i>4 1/2</i>
" in Hold						" Tie Plates					
WEB-FRAMES, In Fore Body, No. and spacing	<i>3 Rows</i>	<i>2 1/2</i>	<i>PILLARS</i>	<i>3 Rows</i>	<i>2 1/2</i>	" Deck, Material and thickness	<i>Iron</i>	<i>6 1/6</i>	<i>6 1/6</i>	<i>6 1/6</i>	
" br'dth. & thickness						Forecastle Deck Stringer Plate, br'dth & thickness	<i>36</i>	<i>8</i>	<i>34</i>	<i>8</i>	
" No. of Side Stringers						" Angle on ditto	<i>4.4</i>	<i>8</i>	<i>4.4</i>	<i>8</i>	
WEB-FRAMES, In E. & B. Space, No. & spacing	<i>One</i>	<i>One</i>	<i>One</i>	<i>One</i>	<i>One</i>	" Tie Plates					
" br'dth. & thickness	<i>26</i>	<i>9</i>	<i>26</i>	<i>9</i>	<i>9</i>	" Deck, Material and thickness	<i>7.8</i>	<i>6</i>	<i>7.8</i>	<i>6</i>	
WEB-FRAMES, In After Body, No. and spacing						Are the outside Plates doubled two spaces of Frames in length?	<i>Yes</i>				
" br'dth. & thickness						Are the Sluice Valves and Watertight Doors in efficient working order?	<i>Yes</i>				
" No. of Side Stringers											
" Size of Angles or Tee Bars to Web-Frames											
BRACKET PLATES to Stringers between Web-Frames, depth and thickness											

Write "Sheer Strake" opposite its corresponding letter.

[illegible]