

For 2 Dks., R.Q.Dk.,

# IRON OR STEEL STEAMER.

No. 51870.

and Pt. Awng. Dk.

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

Received at London On **THUR. NOV 8 1906**

Date of completion of Report *17 November*

Port of *Newcastle*

Date, First Survey *30 May 1906*

Last Survey *31 Oct 1906*

Survey held at *North Shields*  
On the *Steel Screw Launch*

**PERSIA**

Rig *Ketch*

Master *Huddleston*

Year of appointment *1906*

Built at *North Shields*

When built *1906* Launched *1 Oct 06*

By whom built *Smiths Dock Co.*

Owners *G. H. D. Birt & Kentall*

Managers *Thurford Haven*

Residence *London*

Port belonging to *London*

|                                   |               |
|-----------------------------------|---------------|
| <b>TONNAGE under Tonnage Deck</b> | <i>185.17</i> |
| Do. of Poop                       |               |
| Do. of Raised Qr.                 | <i>7.40</i>   |
| Do. of Break                      |               |
| Do. of Bridge House               | <i>7.11</i>   |
| Do. of Forecastle                 | <i>2.61</i>   |
| Do. of Houses on Deck             |               |
| Do. of excess of Hatchways        | <i>10.43</i>  |
| Do. above Crown of Engine Room    | <i>214.72</i> |
| <b>Gross Tonnage</b>              | <i>14.03</i>  |
| Less Crew Space                   | <i>10.43</i>  |
| Less above Crown of Engine Room   | <i>190.26</i> |
| <b>TONNAGE FOR FEES</b>           | <i>17.83</i>  |
| Less Engine Room                  | <i>16.87</i>  |
| Less Navigation Spaces            |               |

**Register Tonnage** *72.79*  
as cut on Beam

ONE ~~DECKED~~ DECKED VESSEL.

CLASS *+100 A.T. Steam Launch*

Half Breadth (moulded) *10.71*

Depth from upper part of Keel to top of Main Deck Bms. *12.83*

Girth of Half Midship Frame (as per Rule) *18.55*

1st Number *42.09*

Length on deck from after part of stem to fore part of stern post *115.87*

2nd Number *4876.96*

Proportions—Breadths to Length *5.41*

Depths to Length—Main Deck to top of Keel *9.03*

Destined Voyage *Cruising* If Surveyed while Building, Afloat, *Both*

| LENGTH on Deck as per Rule | Feet          | Inches | BREADTH—Moulded | Feet     | Inches | DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams | Feet     | Inches | No. of Decks with Flat laid | No. of Tiers of Beams |
|----------------------------|---------------|--------|-----------------|----------|--------|---|----------|--------|-----------------------------|-----------------------|
| <i>115</i>                 | <i>10 1/2</i> |        | <i>21</i>       | <i>5</i> |        | <i>11</i>   | <i>6</i> |        | <i>6</i>                    | <i>6</i>              |

Dimensions of Ship per Register, Length, *117.45* breadth, *21.55* depth, *11.5* Moulded Depth, *12* ft. *4* ins. Round of Beam, Actual *6* ins.

| FRAMING.   |                 |                |                                 | FORGINGS AND CASTINGS.  |                 |                |                                 |
|--|-----------------|----------------|---------------------------------|---|-----------------|----------------|---------------------------------|
| 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. |
| <b>FRAME.</b> Angles, <i>full</i> <i>2</i> <i>E</i> on <i>L</i> Bms. for <i>1</i> length amidships             |                 |                |                                 | <b>KEEL, Bar or Side Plates</b> depth and thickness <i>7 1/2 x 18 bulb</i>  |                 |                |                                 |
| Do. for <i>1/2</i> at each end   |                 |                |                                 | <b>STEM,</b> moulding and thickness <i>6 x 2 1/2</i>  |                 |                |                                 |
| Do. in way of Double Bottoms at Solid Floors   |                 |                |                                 | <b>STERN-POST</b> for Rudder do. do. <i>6 x 2 1/2</i>   |                 |                |                                 |
| " " " at intermdt. Bkts.   |                 |                |                                 | " " " for Propeller <i>4 1/4</i>  |                 |                |                                 |
| Spacing of Frames from centre to centre <i>21</i>  |                 |                |                                 | <b>MAIN PIECE of Rudder,</b> diameter at head <i>3 1/4</i>  |                 |                |                                 |
| <b>REVERSED FRAME,</b> Angles <i>2 1/2</i> <i>1 1/2</i> <i>5/16</i> <i>1 1/2</i> <i>2 1/2</i> <i>5/16</i>      |                 |                |                                 | <b>RUDDER,</b> how constructed <i>Single plate 18/20</i>  |                 |                |                                 |
| <b>DEEP FRAMING,</b> depth of girder <i>16</i>   |                 |                |                                 | Can the Rudder be unshipped afloat? <i>yes.</i>   |                 |                |                                 |
| <b>FLOORS,</b> depth and thickness of Floor Plate at mid-line for <i>length</i> amidships <i>5/8</i> <i>10</i> |                 |                |                                 | <b>KEELSONS AND STRINGERS.</b>  |                 |                |                                 |
| " " " thickness at the ends of vessel <i>5/8</i> <i>10</i>   |                 |                |                                 | <b>CENTRE LINE KEELSON,</b> Vertical Plate above floors, Through Plate, or Intercoastal Plate <i>7</i> <i>3</i> <i>10</i> |                 |                |                                 |
| " " " depth at <i>1/2</i> the half breadth, as per Rule <i>Floor straight run.</i>                             |                 |                |                                 | " " " Rider Plate <i>IL</i>   |                 |                |                                 |
| " " " height extended at the Bilges  |                 |                |                                 | " " " Bulb Plate to Intercoastal Keelson  |                 |                |                                 |
| <b>FLOORS &amp; BRACKETS,</b> in Cell Dble Bottoms   |                 |                |                                 | " " " Horizontal Plates on Floors   |                 |                |                                 |
| " " " state if flanged (top & bottom)  |                 |                |                                 | " " " Angles  |                 |                |                                 |
| " " " Spacing  |                 |                |                                 | <b>SIDE KEELSON,</b> Angles   |                 |                |                                 |
| <b>CENTRE GIRDER,</b> in Double Bottom, depth and thickness  |                 |                |                                 | " " " Bulb or Plate above floors for <i>lng.</i>  |                 |                |                                 |
| " " " Angles, Top  |                 |                |                                 | " " " Intercoastal Plate for <i>length</i>  |                 |                |                                 |
| " " " Bottom   |                 |                |                                 | " " " Attached to outside plating with Angle  |                 |                |                                 |
| <b>SIDE GIRDERS,</b> number on each side & thickness state if flanged (top & bottom)                           |                 |                |                                 | <b>BILGE KEELSON,</b> Angles  |                 |                |                                 |
| " " " Angles   |                 |                |                                 | " " " Bulb or Plate above floors for <i>lng.</i>  |                 |                |                                 |
| <b>MARGIN PLATE,</b> depth (exclusive of flange) and thickness   |                 |                |                                 | " " " Intercoastal Plate for <i>length</i>  |                 |                |                                 |
| " " " Angles to Outside Plating  |                 |                |                                 | " " " Attached to outside plating with Angle  |                 |                |                                 |
| " " " Floors   |                 |                |                                 | <b>BILGE STRINGER</b> Angles <i>Single</i> <i>5</i> <i>3</i> <i>9</i> <i>5</i> <i>3</i> <i>9</i>                          |                 |                |                                 |
| " " " Height of Floors at the Bilges   |                 |                |                                 | " " " Bulb Plate for <i>length</i>  |                 |                |                                 |
| <b>INNER BOTTOM PLATING,</b> breadth and thickness of Middle Line Strake                                       |                 |                |                                 | " " " Intercoastal Plate for <i>length</i>  |                 |                |                                 |
| " " " thickness in Engine and Boiler space   |                 |                |                                 | " " " Attached to outside plating with Angle  |                 |                |                                 |
| " " " Remainder in Holds   |                 |                |                                 | <b>SIDE STRINGER</b> Angles <i>Single</i> <i>5</i> <i>3</i> <i>9</i> <i>5</i> <i>3</i> <i>9</i>                           |                 |                |                                 |
| <b>BEAMS, Main and Raised Quarter Deck,</b> Single Angle, Bulb Angle, Plate or Tee Bulb                        |                 |                |                                 | " " " Bulb or Intercoastal Plate for <i>lng.</i>  |                 |                |                                 |
| " " " Angles on Upper Edge   |                 |                |                                 | " " " Attached to outside plating with Angle  |                 |                |                                 |
| " " " Spacing  |                 |                |                                 | <b>Main and Raised Quarter Deck Stringer</b> Plate, breadth and thickness <i>24</i> <i>6</i> <i>24</i> <i>6</i>           |                 |                |                                 |
| <b>BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb</b>  |                 |                |                                 | " " " Angle on ditto <i>3 x 3</i> <i>6</i> <i>3 x 3</i> <i>6</i>  |                 |                |                                 |
| " " " Angles on Upper Edge   |                 |                |                                 | " " " Tie Plates, outside Hatchways <i>8</i> <i>7</i> <i>8</i> <i>7</i>   |                 |                |                                 |
| " " " Spacing  |                 |                |                                 | " " " Diagonal Tie Plates on Bms., No. of Pairs <i>As per approved plan</i>   |                 |                |                                 |
| <b>BEAMS, Hold, Plate or Tee Bulb</b>  |                 |                |                                 | " " " Main Dk* Iron or Steel for <i>lng.</i>  |                 |                |                                 |
| " " " Angles on Upper Edge   |                 |                |                                 | " " " R. Q. Dk* Iron or Steel for <i>lng.</i>   |                 |                |                                 |
| " " " Spacing  |                 |                |                                 | " " " Wood Deck, Material & thickness <i>pp</i> <i>5</i> <i>3</i> <i>5</i> <i>3</i>                                       |                 |                |                                 |
| <b>BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb</b>  |                 |                |                                 | <b>Lower Deck Stringer Plate,</b> breadth and thickness   |                 |                |                                 |
| " " " Angles on Upper Edge   |                 |                |                                 | " " " Angles on ditto, No.  |                 |                |                                 |
| " " " Spacing  |                 |                |                                 | " " " Tie Plates, outside Hatchways   |                 |                |                                 |
| <b>BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb</b>                                  |                 |                |                                 | " " " Deck* Material and thickness  |                 |                |                                 |
| " " " Angles on Upper Edge   |                 |                |                                 | <b>Hold Stringer Plate</b>  |                 |                |                                 |
| " " " Spacing  |                 |                |                                 | " " " Angles on ditto, No.  |                 |                |                                 |
| <b>BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb</b>  |                 |                |                                 | <b>Poop Deck Stringer Plate,</b> breadth & thickness  |                 |                |                                 |
| " " " Angles on Upper Edge   |                 |                |                                 | " " " Angle on ditto  |                 |                |                                 |
| " " " Spacing  |                 |                |                                 | " " " Tie Plates  |                 |                |                                 |
| <b>PILLARS, In 'tween Decks, Size and Spacing</b>  |                 |                |                                 | " " " Deck, Material and thickness  |                 |                |                                 |
| " " " Hold   |                 |                |                                 | <b>Bridge or Pt. Awng. Deck Stringer Plate,</b> breadth and thickness   |                 |                |                                 |
| " " " Quarter, 'tween Dks.   |                 |                |                                 | " " " Angle on ditto  |                 |                |                                 |
| " " " in Hold  |                 |                |                                 | " " " Tie Plates  |                 |                |                                 |
| <b>WEB FRAMES, In Fore Body, No. and Spacing</b>   |                 |                |                                 | " " " Deck, Material and thickness  |                 |                |                                 |
| " " " Brdth. & Thickness   |                 |                |                                 | <b>Forecastle Deck Stringer Plate,</b> brdth & thcknss  |                 |                |                                 |
| <b>WEB FRAMES, In E. &amp; B. Space, No. &amp; Spacing</b>   |                 |                |                                 | " " " Angle on ditto  |                 |                |                                 |
| " " " Brdth. & Thickness   |                 |                |                                 | " " " Tie Plates  |                 |                |                                 |
| <b>WEB FRAMES, In After Body, No. and Spacing</b>  |                 |                |                                 | " " " Deck, Material and thickness <i>pp</i> <i>5</i> <i>3</i> <i>5</i> <i>3</i>  |                 |                |                                 |
| " " " Brdth. & Thickness   |                 |                |                                 | <b>STIFFENERS.</b>  |                 |                |                                 |
| " " " No. of Side Stringers  |                 |                |                                 | Single or Double Frames. Height up.   |                 |                |                                 |
| " " " Size of Angles or Tee Bars to Web Frames   |                 |                |                                 | <b>BULKHEADS.</b>   |                 |                |                                 |
| <b>BRACKET PLATES to Stringers between Web Frames, Depth and Thickness</b>                                     |                 |                |                                 | In Vessel. Per Rule. Thickness. Horizontal. Vertical. Spacing. Size. Spacing. Size. Spacing. Size. Spacing.               |                 |                |                                 |
|  |                 |                |                                 | <b>W.T. BULKHEADS</b> <i>3</i> <i>3</i> <i>5</i> <i>3 x 3 1/2</i> <i>48</i> <i>3 x 3 1/2</i> <i>30</i> <i>Angle Deck</i>  |                 |                |                                 |
|  |                 |                |                                 | <b>PARTITION</b>  |                 |                |                                 |
|  |                 |                |                                 | <b>LONGITUDINAL</b>   |                 |                |                                 |
|  |                 |                |                                 | Are the outside Plates doubled two spaces of Frames in length? <i>logged plating</i>                                      |                 |                |                                 |
|  |                 |                |                                 | Are the Sluice Valves and Watertight Doors in efficient working order? <i>none.</i>                                       |                 |                |                                 |



