

1 or 2 Dks. ^{AND} R.Q.Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 20,330.

MUN. 27 JUL 1908

State if Report is also sent on the Machinery of the Vessel. *yes*
Date of completion of Report 18.7.08

Received at London Office

Port of Hull

Date, First Survey Dec. 6/07

Last Survey

July 17th 1908

Survey held at *Goole*

On the *Steel Screw Steamer "TAYI"*

Rig *Schooner*

Master *J. S. Burnett*

Year of appointment *(1) As master in service of owner of present vessel - 1901
(2) As master of this vessel - 1908*

TONNAGE under Tonnage Deck... *377.51*
Do. of Poop *69.18*
Do. of Raised Qr. *19.72*
Dk. or Break... *12.57*
Do. of Bridge House *5.97*
Do. of Forecastle *22.47*
Do. of Houses on Deck *19.28*
Do. of excess of Hatchways *526.70*
Do. above Crown of Engine Room *28.69*
Gross Tonnage *19.28*
Less Crew Space *478.73*
Less above Crown of Engine Room *229.93*
TONNAGE FOR FEES *32.97*
Less Engine Room *235.11*
Navigation Spaces

ONE OR TWO DECKED VESSEL.

CLASS *100A1*

FEET.

Half Breadth (moulded) 13.00

Depth from upper part of Keel to top of Main Deck Bms. 13.92
(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule) 24.50

1st Number 51.42

Length on deck from after part of stem to fore part of stern post 163.92

2nd Number 8428

Proportions—Breadths to Length 6.30

Depths to Length—Main Deck to top of Keel 11.74

Built at *Goole*

When built 1908 Launched 2nd May

By whom built *Goole Shipbuilding & Repairing Co. Ltd.*

Owners *E. P. Hutchinson*

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

Residence *Hull*

Port belonging to *Hull*

Destined Voyage

If Surveyed while Building *Afloat, or in Dry Dock* *yes*

DEPTH, ACTUAL—
Top of Floors to top of Main Deck Beams 12 8 1/2
No. of Decks with Flat laid *One*
No. of Tiers of Beams *One*
Dimensions of Ship per Register, Length, *165.0* breadth, *26.0* depth, *12.57* Moulded Depth, *13* ft. *5* ins. Round of Beam, Actual *6 1/2* ins.

FRAMING.

| | Inches in Ship | Inches in Ship | 20ths in Ship | Inches per Rule | Inches per Rule | 20ths per Rule |
|--|------------------------|----------------|---------------|-----------------|-----------------|----------------|
| NAME, Angles, <i>7</i> E or L Bars, for 1/2 length amidships | 4 1/2 | 3 | 8 | 4 1/2 | 3 | 8 |
| o. for 1/2 at each end | 4 1/2 | 3 | 7 | 4 1/2 | 3 | 7 |
| o. in way of Double Bottoms at Solid Floors | 4 1/2 | 3 | 9 | 4 1/2 | 3 | 9 |
| o. in way of R.Q.Dk. intermediate Bkts | 4 1/2 | 3 | 8 | 4 1/2 | 3 | 8 |
| ing of Frames from centre to centre | 21 | | | 21 | | |
| VERSED FRAME, Angles, <i>on 3/4 length</i> | 2 1/2 | 2 1/2 | 5 | 2 1/2 | 2 1/2 | 5 |
| EP FRAMING, depth of girder | 4 1/2 | | | 4 1/2 | | |
| DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships | 15 | | 6 | 15 | | 6 |
| in way of Engines and Boilers | E 7. B 8 | | | 7.8 | | |
| thickness at the ends of vessel | 5 | | | 5 | | |
| depth at 1/2 the half breadth, as per Rule | <i>Straight across</i> | | | <i>plan</i> | | |
| height extended at the Bilges | <i>plan</i> | | | <i>plan</i> | | |
| DOORS & BRACKETS, in way of Double Bottoms | 15 | | 6 | 15 | | 6 |
| state if flanged (top & bottom) | No | | | | | |
| Spacing | 21 | | | 21 | | |
| NTRY GIRDER, in Double Bottom, depth and thickness | 36 | | 8 | 36 | | 8 |
| Angles, Top | 3 1/2 | 3 | 6 | 3 1/2 | 3 | 6 |
| Bottom | 3 1/2 | 3 | 6 | 3 1/2 | 3 | 6 |
| DE GIRDERS, number on each side & thickness | 2 | | 6 | 2 | | 6 |
| state if flanged (top & bottom) | No | | | | | |
| Angles | 3 | 2 1/2 | 6 | 3 | 2 1/2 | 6 |
| RGIN PLATE, depth (exclusive of flange) and thickness | 30 | | 6 | 30 | | 6 |
| Angles to Outside Plating | 3 | 3 | 7 | 3 | 3 | 7 |
| Floors | 3 | 3 | 6 | 3 | 3 | 6 |
| Height of Floors at the Bilges | 16 | | | 16 | | |
| VER BOTTOM PLATING, breadth and thickness of Middle Line Strake | 54 | | 6 | 54 | | 6 |
| thickness in Engine and Boiler space | | | | | | |
| Remainder in Holds | | | | | | |
| AMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 5 | 3 | 6 | 5 | 3 | 6 |
| Angles on Upper Edge | | | | | | |
| Spacing | 21 | | | 21 | | |
| AMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | | | | | | |
| Angles on Upper Edge | | | | | | |
| Spacing | | | | | | |
| AMS, Hold, Plate or Tee Bulb | | | | | | |
| Angles on Upper Edge | | | | | | |
| Spacing | | | | | | |
| AMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb | | | | | | |
| Angles on Upper Edge | | | | | | |
| Spacing | | | | | | |
| AMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb | 4 1/2 | 3 | 7 | 4 1/2 | 3 | 7 |
| Angles on Upper Edge | | | | | | |
| Spacing | 42 | | | 42 | | |
| AMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb | 5 | 3 | 7 | 5 | 3 | 7 |
| Angles on Upper Edge | | | | | | |
| Spacing | 42 | | | 42 | | |
| LLARS, In 'tween Decks, Size and Spacing | | | | | | |
| Hold | 2 1/2 | 42 | | <i>See plan</i> | | |
| Quarter, 'tween Dks. | | | | | | |
| in Hold | | | | | | |
| EB 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 |
|--|----------------|-----------------|
| KEEL, Bar or Side Plates depth and thickness | 8 1/2 x 1 1/4 | 8 1/2 x 1 1/4 |
| STEM, moulding and thickness | 6 1/2 x 1 1/4 | 6 1/2 x 1 1/4 |
| STERN-POST for Rudder do. do. | 6 1/2 x 3 1/2 | 6 1/2 x 3 1/2 |
| for Propeller | 4 1/2 | 4 1/2 |
| MAIN PIECE of Rudder, diameter at head | 3 x 2 1/4 | 3 x 2 1/4 |
| do. at heel | 3 x 2 1/4 | 3 x 2 1/4 |

RUDDER, how constructed *Forged iron frame, 2 plates*
Can the Rudder be unshipped afloat? *Yes*

KEELSONS AND STRINGERS.

| | Inches in Ship | Inches in Ship | 20ths in Ship | Inches per Rule | Inches per Rule | 20ths per Rule |
|---|----------------|----------------|---------------|-----------------|-----------------|----------------|
| CENTRE LINE KEELSON, Vertical Plate above floor, Through Plate, or Intercoastal Plate | 26 1/2 | | 8 | 26 1/2 | | 8 |
| Rider Plate | 7 1/2 | | 9 | 7 1/2 | | 9 |
| Bulb Plate to Intercoastal Keelson | | | | | | |
| Horizontal Plates on Floors | 12 | | 8 | 12 | | 8 |
| Angles | 3 1/2 | 3 | 6 | 3 1/2 | 3 | 6 |
| SIDE KEELSON, Angles | | | | | | |
| Bulb or Plate above floors for lng. | | | | | | |
| Intercoastal Plate for 1/2 length | 5 | | | 5 | | |
| Attached to outside plating with Angle | 3 | 3 | 6 | 3 | 3 | 6 |
| BILGE KEELSON, Angles | 3 1/2 | 3 | 6 | 3 1/2 | 3 | 6 |
| Bulb or Plate above floors for 1/2 lng. | 6 | | 6 | 6 | | 6 |
| Intercoastal Plate for length | | | | | | |
| Attached to outside plating with Angle | | | | | | |
| BILGE STRINGER Angles <i>In way of R.Q.Dk.</i> | 3 1/2 | 3 | 6 | 3 1/2 | 3 | 6 |
| Bulb or Plate for R.Q.Dk. length | 5 | 3 | 7 | 5 | 3 | 7 |
| Intercoastal Plate for R.Q.Dk. length | 7 1/2 | | 6 | 7 1/2 | | 6 |
| Attached to outside plating with Angle | 3 | 3 | 6 | 3 | 3 | 6 |
| SIDE STRINGER Angles <i>In way of M.Dk.</i> | 3 1/2 | 3 | 6 | 3 1/2 | 3 | 6 |
| Bulb or Intercoastal Plate for lng. | 6 | | 6 | 6 | | 6 |
| Attached to outside plating with Angle | | | | | | |

| | | | | |
|--|-------|---|-------|---|
| Main and Raised Quarter Deck Stringer Plate, breadth and thickness | 68 | 7 | 68 | 7 |
| Angle on ditto | 3 x 3 | 7 | 3 x 3 | 7 |
| Tie Plates, outside Hatchways | | | | |
| Diagonal Tie Plates on Bms., No. of Pairs | | | | |
| Main Dk* Iron or Steel for full lng. | | 6 | | 6 |
| R. Q. Dk* Iron or Steel for full lng. | | 6 | | 6 |
| 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 | 27 | 5 | 27 | 5 |
| Angle on ditto | 3 x 3 | 6 | 3 x 3 | 6 |
| Tie Plates | 6 | 6 | 6 | 6 |
| Deck, Material and thickness | 2 1/2 | | 2 1/2 | |
| Forecastle Deck Stringer Plate, brdth & thcknss | 24 | 5 | 24 | 5 |
| Angle on ditto | 3 x 3 | 6 | 3 x 3 | 6 |
| Tie Plates | 54 | 6 | 54 | 6 |
| Deck, Material and thickness | 2 1/2 | | 2 1/2 | |

* 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. | Vertical. | | |
| W.T. BULKHEADS | 4 | 4 | 5 | 3 x 3 x 1/2 | 48 | 48 | |
| PARTITION | | | | | | | |
| LONGITUDINAL | | | | | | | |

Are the outside Plates doubled two spaces of Frames in length? *Diagonal plates fitted*
Are the Stance Valves and Watertight Doors in efficient working order? *Yes*

