

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

IRON OR STEEL STEAMER.

No. 57374
25 SEP 1909

State if Report is also sent on the Machinery of the Vessel *yes*
Date of completion of Report *21-9-9*
Date, First Survey *30th April 1909*

Received at London Office *25 SEP 1909*
Port of *Newcastle*
Last Survey *15-9-1909*

Survey held at *North Shields*
On the *Howler*

DALE CASTLE

Rig *Ketch*
Master *J. H. Elliott*

TONNAGE under Tonnage Deck *215.53*
Do. of Poop *11.59*
Do. of Raised Qr. *12.78*
Dk. or Break. *5.70*
Do. of Bridge House *245.60*
Do. of Forecastle *34.69*
Do. of Houses on Deck *230.91*
Do. of excess of Hatchways *115.94*
Do. above Crown of Engine Room *10.47*
Gross Tonnage *94.70*
Less Crew Space
Less above Crown of Engine Room
TONNAGE FOR FEES
Less Engine Room
Less Navigation Spaces

ONE OR TWO DECKED VESSEL.
CLASS *100A1*

Year of appointment *05 1909*
Built at *North Shields*
When built *1909* Launched *4-8-9*
By whom built *Smith's Dock Co., Lim.*
Owners *Castle Steam Trawlers, Lim.*
Managers *South Docks, Swansea*
Residence *Swansea*
Port belonging to *Swansea*

Register Tonnage as cut on Beam *94.70*

Destined Voyage *Fishing* If Surveyed while Building, Afloat, or in Dry Dock *B. & A.*

| 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>123</i> | <i>10 1/2</i> | | <i>21</i> | <i>10</i> | | <i>12</i> | <i>2</i> | | <i>one</i> | <i>one</i> |

Dimensions of Ship per Register, Length, *125.3* breadth, *22.05* depth, *12.25* Moulded Depth, *13* ft. *0* ins. Round of Beam, Actual *6* ins.

| FRAMING. | | | | FORGINGS AND CASTINGS. | | | | | | | |
|---|-----------------|-------------------------|---------------------------------|--|-----------------|-------------------------|---------------------------------|-----------------|-----------|--------------|----------------|
| Inches in Ship. | Inches in Ship. | 16ths or 20ths in Ship. | Inches per Rule Or as Approved. | Inches in Ship. | Inches in Ship. | 16ths or 20ths in Ship. | Inches per Rule Or as Approved. | | | | |
| FRAME, Angles, <i>L</i> , <i>C</i> or <i>L</i> Bars, for $\frac{1}{2}$ length amidships | | | | KEEL, Bar or Side Plates depth and thickness | | | | | | | |
| <i>4</i> | <i>3 9/20</i> | <i>4</i> | <i>3 1/20</i> | <i>bulb</i> | <i>7 1/2</i> | <i>1 1/8</i> | <i>7 1/2</i> | | | | |
| Do. for $\frac{1}{2}$ at each end | | | | STEM, moulding and thickness | | | | | | | |
| <i>4</i> | <i>3 1/20</i> | <i>4</i> | <i>3 1/20</i> | <i>bulb</i> | <i>7 1/2</i> | <i>1 1/8</i> | <i>7 1/2</i> | | | | |
| Do. in way of Double Bottoms at Solid Floors | | | | SERN-POST for Rudder do. do. | | | | | | | |
| | | | | | <i>6</i> | <i>3</i> | <i>6</i> | | | | |
| Spacing of Frames from centre to centre | | | | for Propeller | | | | | | | |
| | <i>21</i> | | <i>21</i> | MAIN PIECE of Rudder, diameter at head | | | | | | | |
| REVERSED FRAME, Angles | | | | do. at heel | | | | | | | |
| | | | | | <i>3 1/2</i> | | <i>3 1/2</i> | | | | |
| DEEP FRAMING, depth of girder | | | | RUDDER, how constructed | | | | | | | |
| FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships | | | | <i>Forged iron</i> | | | | | | | |
| <i>16</i> | <i>8 1/20</i> | <i>16</i> | <i>8 1/20</i> | Can the Rudder be unshipped afloat? | | | | | | | |
| | <i>8 1/20</i> | | <i>8 1/20</i> | <i>yes</i> | | | | | | | |
| in way of Engines and Boilers | | | | KEELSONS AND STRINGERS. | | | | | | | |
| thickness at the ends of vessel | | | | CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate | | | | | | | |
| depth at $\frac{1}{2}$ the half breadth, as per Rule | | | | Rider Plate | | | | | | | |
| height extended at the Bilges | | | | Bulb Plate to Intercostal Keelson | | | | | | | |
| FLOORS & BRACKETS, in Cell Dble Bottoms state if flanged (top & bottom) | | | | Horizontal Plates on Floors | | | | | | | |
| | | | | Angles | | | | | | | |
| Spacing | | | | <i>bulb</i> | | | | | | | |
| CENTRE GIRDER, in Double Bottom, depth and thickness | | | | SIDE KEELSON, Angles | | | | | | | |
| | | | | Bulb or Plate above floors for lng. | | | | | | | |
| | | | | Intercostal Plate for length | | | | | | | |
| | | | | Attached to outside plating with Angle | | | | | | | |
| Angles, Top | | | | BILGE KEELSON, Angles | | | | | | | |
| Bottom | | | | Bulb or Plate above floors for lng. | | | | | | | |
| SIDE GIRDERS, number on each side & thickness state if flanged (top & bottom) | | | | Intercostal Plate for length | | | | | | | |
| | | | | Attached to outside plating with Angle | | | | | | | |
| Angles | | | | BILGE STRINGER Angles | | | | | | | |
| MARGIN PLATE, depth (exclusive of flange) and thickness | | | | Bulb Plate for length | | | | | | | |
| | | | | Intercostal Plate for length | | | | | | | |
| Angles to Outside Plating | | | | Attached to outside plating with Angle | | | | | | | |
| Floors | | | | SIDE STRINGER Angles | | | | | | | |
| Height of Floors at the Bilges | | | | Bulb or Intercostal Plate for lng. | | | | | | | |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake | | | | Attached to outside plating with Angle | | | | | | | |
| | | | | Main and Raised Quarter Deck Stringer Plate, breadth and thickness | | | | | | | |
| | | | | Angle on ditto | | | | | | | |
| thickness in Engine and Boiler space | | | | Tie Plates, outside Hatchways | | | | | | | |
| Remainder in Holds | | | | Diagonal Tie Plates on Bms., No. of Pairs | | | | | | | |
| <i>5 1/2</i> | <i>3 9/20</i> | <i>5 1/2</i> | <i>3 8/20</i> | Main Dk* Iron or Steel for lng. | | | | | | | |
| <i>5 1/2</i> | <i>3 9/20</i> | <i>5 1/2</i> | <i>3 9/20</i> | R. Q. Dk* Iron or Steel for lng. | | | | | | | |
| | <i>42</i> | | <i>42</i> | Wood Deck, Material & thickness | | | | | | | |
| Spacing | | | | Lower Deck Stringer Plate, breadth and thickness | | | | | | | |
| BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | | | | Angles on ditto, No. | | | | | | | |
| | | | | Tie Plates, outside Hatchways | | | | | | | |
| Angles on Upper Edge | | | | Deck* Material and thickness | | | | | | | |
| Spacing | | | | Hold Stringer Plate | | | | | | | |
| BEAMS, Hold, Plate or Tee Bulb | | | | Angles on ditto, No. | | | | | | | |
| | | | | Poop Deck Stringer Plate, breadth & thickness | | | | | | | |
| Angles on Upper Edge | | | | Angle on ditto | | | | | | | |
| Spacing | | | | Tie Plates | | | | | | | |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb | | | | Deck, Material and thickness | | | | | | | |
| | | | | Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness | | | | | | | |
| Angles on Upper Edge | | | | Angle on ditto | | | | | | | |
| Spacing | | | | Tie Plates | | | | | | | |
| BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb | | | | Deck, Material and thickness | | | | | | | |
| | | | | Forecastle Deck Stringer Plate, brdth & thcknss | | | | | | | |
| Angles on Upper Edge | | | | Angle on ditto | | | | | | | |
| Spacing | | | | Tie Plates | | | | | | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb | | | | Deck, Material and thickness | | | | | | | |
| | | | | * If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon. | | | | | | | |
| Angles on Upper Edge | | | | BULKHEADS. | | | | | | | |
| Spacing | | | | Number. Thickness. Horizontal. Vertical. Single or Double Frames. Height up. | | | | | | | |
| PILLARS, In 'tween Decks, Size and Spacing | | | | In Vessel. Per Rule. 16ths or 20ths. Size. Spacing. Size. Spacing. Inches. Inches. Inches. Inches. | | | | | | | |
| | | | | W.T. BULKHEADS | | | | | | | |
| | | | | <i>3</i> | <i>3</i> | <i>5/16</i> | <i>none</i> | <i>4x3x6 20</i> | <i>30</i> | <i>Sing.</i> | <i>to Deck</i> |
| Hold | | | | PARTITION | | | | | | | |
| Quarter, 'tween Dks., | | | | LONGITUDINAL, | | | | | | | |
| in Hold | | | | Are the outside Plates doubled two spaces of Frames in length? | | | | | | | |
| WEB FRAMES, In Fore Body, No. and Spacing | | | | Are the Sluice Valves and Watertight Doors in efficient working order? | | | | | | | |
| | | | | <i>joggled shell</i> | | | | | | | |
| No. of Side Stringers | | | | <i>none</i> | | | | | | | |
| 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 | | | | | | | | | | | |

