

3 Decks.

IRON OR STEEL STEAMER.

FRL AUG 30 1901

340

Received at London Office

Date of completion of report 29th August, 1901 State of Report is also sent on the Machinery of the Vessel WEST HARTLEPOOL
Survey held at West Hartlepool Date, First Survey 17th January Last Survey 27th August 1901
On the Screw Steamer "OAKLEY" Rig Fore Mast Schooner
TONNAGE under Tonnage Deck 3560.59 THREE DECKED VESSEL.
CLASS 100A1 Master W. Wilson
Do. of Poop 88.74 Half Breadth (moulded) 24.64 Year of appointment 1901
Do. of Bridge House 42.99 Depth from upper part of Keel to top of Upper Deck Beams 29.29 Built at West Hartlepool
Do. of Forecastle 31.67 Girth of Half Midship Frame (as per Rule) 50.0 When built 1901 Launched 16th July 1901
Do. of Houses on Dk. 57.41 deduct 7 feet 7.0 By whom built A. Gray & Co. Ltd.
Do. of excess of Hatchways 16.29 1st Number 96.93 Owners W. R. Rea
Do. above Crown of Engine Room 3797.69 Length on deck from after part of stem to fore part of stern post 338.16 Managers W. R. Rea
Gross Tonnage 3797.69 2nd Number 32777 Residence Belfast
Less Crew Space 75.03 Proportions—Breadth to Length 6.86 Port belonging to Belfast
Less above Crown of Engine Room 16.29 Depth to Length—Upper Deck to top of Keel 11.54
Less above Crown of Engine Room 1215.26 Navigation Spaces 51.66
er Tonnage 2458.74 Destined Voyage 16 Surveyed while Building, Afloat, and in Dry Dock

| TH on Deck | Feet. | Inches. | BREADTH— | Feet. | Inches. | DEPTH, ACTUAL— | Top of Floors to top of Upper Dk. Beams | Feet. | Inches. | No. of Decks with flat laid |
|-----------------------------------|-------|---------|--------------|-------|---------|-----------------|---|-------|---------|---|
| Rule | 338 | 2 | Moulded | 49 | 3 1/2 | Do. do. do. do. | Main Dk. Beams | 25 | 7 1/2 | one |
| ions of Ship per Register, Length | 339.2 | | breadth | 49.5 | | depth | 25.6 | | | Moulded depth, ft. 28 ins. 3 To Upper Dk. |

| FRAMING. | Inches in Ship | Inches in Ship | 20ths in Ship | Inches per Rule | Inches per Rule | 20ths per Rule | FORGINGS | Inches in Ship | Inches per Rule | 20ths per Rule |
|---|----------------|----------------|---------------|-----------------|-----------------|----------------|--|----------------|-----------------|----------------|
| IE, Angles, <u>1 1/2</u> for 1/2 length amidships | 6 | 3 1/2 | 9 | 6 | 3 1/2 | 9 | KEEL, <u>11 x 27/8</u> | 11 | 27/8 | 11 |
| for 1/2 at each end | 3 1/2 | 3 1/2 | 10 | 3 1/2 | 3 1/2 | 10 | STEM, moulding and thickness | 11 | 6 1/4 | 11 |
| in way of Double Bottoms at Solid Floors | 25 | | 25 | | | | STERN POST for Rudder do. do. | 11 | 6 1/4 | 11 |
| ce of Frames from moulding edge to adding edge, all fore and aft | 6 | 3 1/2 | 9-8 | 6 | 3 1/2 | 9-8 | MAIN PIECE of Rudder, diameter at head | 9 | | 9 |
| IRSED FRAME, Angles | 9 | | 9 | | | | do. at heel | 4 1/2 | | 4 1/2 |
| P FRAMING, depth of girder | 44 | | 44 | | | | RUDDER, how constructed <u>Simple plate, built up frame.</u> | | | |
| ORS, depth and thickness of Floor Plate at mid-line | 44 | | 44 | | | | Can the Rudder be unshipped afloat? <u>Yes.</u> | | | |
| in way of Engines and Boilers | 44 | | 44 | | | | KEELSONS & STRINGERS. | | | |
| ORS & BRACKETS in Cell Dble Bottoms | 25 | | 25 | | | | CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate | | | |
| TRE GIRDER, in Double bottom, depth and thickness | 44 | | 44 | | | | do. Rider Plate | | | |
| Angles, Top | 4 | 4 | 9 | 4 | 4 | 9 | do. Bulb Plate to Intercoastal Keelson | | | |
| Bottom | 6 1/2 | 4 1/2 | 10 | 6 1/2 | 4 1/2 | 10 | do. Horizontal Plates on Floors | | | |
| E GIRDERS, number on each side & thickness | 3 1/2 | 3 1/2 | 8 | 3 1/2 | 3 1/2 | 8 | do. Angles | | | |
| Angles | 35 | | 35 | | | | do. Bulb or Plate above floors, for length | | | |
| IGIN PLATE, depth (exclusive of flange) and thickness | 4 | 4 | 9 | 4 | 4 | 9 | do. Intercoastal Plate, for length | | | |
| Angles to Outside Plating | 60 | | 60 | | | | do. Attached to outside Plating with Angle | | | |
| ER BOTTOM PLATING, breadth and thickness of Middle Line Strake | Iron | | Iron | | | | BILGE KEELSON, Angles | | | |
| in Engine and Boiler space | 8-7 | | 8-7 | | | | do. Bulb or Plate above floors, for length | | | |
| Remainder in Holds | 9 | 3 | 12 | 9 | 3 | 12 | do. Intercoastal Plate for length | | | |
| AMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 9 | 3 | 12 | 9 | 3 | 12 | do. Attached to outside Plating with Angle | | | |
| Angles on upper edge | 25 | | 25 | | | | BILGE STRINGER Angles | | | |
| Average space | 12 | | 12 | | | | do. Bulb Plate for length | | | |
| AMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 3 1/2 | 3 1/2 | 8 | 3 1/2 | 3 1/2 | 8 | do. Intercoastal Plate for length | | | |
| Angles on upper edge | 50 | | 50 | | | | do. Attached to outside Plating with Angle | | | |
| Average space | 25 | | 25 | | | | 2 SIDE STRINGERS Angles | | | |
| AMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 9 | 3 | 12 | 9 | 3 | 12 | do. Bulb or Intercoastal Plate, for whole length | | | |
| Angles on upper edge | 25 | | 25 | | | | do. Attached to outside plating with Angle | | | |
| Average space | 12 | | 12 | | | | Upper Deck Stringer Plates, br'dth & thickness | | | |
| AMS, Hold, Single Angle, Bulb Angle, Plate or Tee Bulb | 9 | 3 | 12 | 9 | 3 | 12 | do. Angle on ditto | | | |
| Angles on upper edge | 25 | | 25 | | | | do. Tie Plates fore and aft, outside Hatchways | | | |
| Average space | 12 | | 12 | | | | do. Deck* Iron or Steel, for whole length | | | |
| AMS, Poop Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 9 | 3 | 12 | 9 | 3 | 12 | do. Wood Deck Material & thickness | | | |
| Angles on upper edge | 25 | | 25 | | | | Middle Deck Stringer Plate, br'dth & thickness | | | |
| Average space | 12 | | 12 | | | | do. Angles on ditto, No. <u>Two</u> | | | |
| AMS, Bridge Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 9 | 3 | 12 | 9 | 3 | 12 | do. Tie Plates outside Hatchways | | | |
| Angles on upper edge | 25 | | 25 | | | | do. Deck Material and thickness | | | |
| Average space | 12 | | 12 | | | | do. Diagonal Tie Plates on Bulkheads | | | |
| AMS, Forecastle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 9 | 3 | 12 | 9 | 3 | 12 | do. Deck* Iron or Steel, for whole length | | | |
| Angles on upper edge | 25 | | 25 | | | | do. Wood Deck Material & thickness | | | |
| Average space | 12 | | 12 | | | | Lower Deck Stringer Plates, br'dth & thickness | | | |
| PILLARS, In 'tween Deck, size and spacing | 2 7/8 | | 50 | 2 7/8 | | 50 | do. Angles on ditto, No. <u>Two</u> | | | |
| Hold | 4 1/8 | | 50 | 4 1/8 | | 50 | do. Tie Plates outside Hatchways | | | |
| Quarter 'tween Dks. | 2 7/8 | | 100 | 2 7/8 | | 100 | do. Deck Material and thickness | | | |
| in Hold | 4 1/8 | | 100 | 4 1/8 | | 100 | do. Diagonal Tie Plates on Bulkheads | | | |
| WEB-FRAMES, In Fore Body, No. and spacing | 12 | | 45 | 12 | | 45 | do. Deck* Iron or Steel, for whole length | | | |
| br'dth. & thickness | 21 | | 9 | 21 | | 9 | do. Wood Deck Material & thickness | | | |
| No. of Side Stringers | Two | | Two | | | | Poop Deck Stringer Plate, breadth & thickness | | | |
| WEB-FRAMES, In E. & B. Space, No. & spacing | 5 | | 3 to 4 | 5 | | 3 to 4 | do. Angle on ditto | | | |
| br'dth. & thickness | 21 | | 9 | 21 | | 9 | do. Tie Plates | | | |
| WEB-FRAMES, In After Body, No. and spacing | 11 | | 4 to 6 | 11 | | 4 to 6 | do. Deck Material and thickness | | | |
| br'dth. & thickness | 21 | | 9 | 21 | | 9 | Bridge Deck Stringer Plate, br'dth & thickness | | | |
| No. of Side Stringers | Two | | Two | | | | do. Angle on ditto | | | |
| Size of Angles on Tee Beams to Web-Frames | 6 | 4 | 13 | 6 | 4 | 13 | do. Tie Plates | | | |
| BRACKET PLATES to Stringers between Web Frames, depth and thickness | 21 | | 9 | 21 | | 9 | do. Deck Material and thickness | | | |
| | 21 | | 9 | 21 | | 9 | Forecastle Deck Stringer Plate, br'dth & thickness | | | |
| | 21 | | 9 | 21 | | 9 | do. Angle on ditto | | | |
| | 21 | | 9 | 21 | | 9 | do. Tie Plates | | | |
| | 21 | | 9 | 21 | | 9 | do. Deck Material and thickness | | | |

