

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London **MIN. 9 MAY 1910**

State if Report is also sent on the Machinery of the Vessel

Date of completion of report **NEWCASTLE ON TYNE** Port of **Newcastle** No. **58402**
Survey held at **Newcastle** Date, First Survey **25th Nov. 1909** Last Survey **3rd June 1910**
On the **Steel Gun Steamer "BLACKTOFT"** Rig **Schooner**
TONNAGE under Tonnage Deck... **977.18** CLASS **100 A1** FEET. Master **J. W. Walker**
Do. between Tonnage Dk. and 3rd and 4th Dk. **15.05** Breadth (greatest moulded) **36.00** Year of appointment **1909**
Total under Upper Dk. **23.40** Depth, at middle of length from top of keel to top of upper deck beams at side **16.42** Built at **Bell Busby**
Do. of Poop **24.62** Transverse Number **5242** When built **1910** Launched **23rd March 1910**
Do. of Bridge House **24.56** Length on deck from fore part of stem to after part of stern post **225.0** By whom built **Messrs. W. & A. Skinner & Co.**
Do. of Forecastle **82.04** Longitudinal Number **11794** Owners **The Wetherall Steamship Co.**
Do. of access of Hatchways **1108.89** Depth "d," at middle of length (See Secs. 2 & 13) **13.8** Managers **(John A. Wetherall & Co.)**
Do. above Crown of Engine Room **54.89** Proportions—Depths to Length—Upper Deck Beam at side to top of keel **13.7** Reside ice **Goole**
Gross Tonnage **1054.00** " " Long Bridge Deck Beam at side to top of keel **✓** Port belonging to **Goole**
Less Crew Space **354.84** Destined Voyage **Not known** If Surveyed while Building, Afloat, or in Dry Dock **Special**
Less above Crown of Engine Room **44.83**
Tonnage for Fees... **654.33**

| LENGTH on Deck as per Rule | Feet. | Inches. | BREADTH—Moulded | Feet. | Inches. | DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams | Feet. | Inches. | No. of Decks with flat laid | No. of Tiers of Beams |
|----------------------------|-------|---------|-----------------|-------|---------|---|-------|---------|-----------------------------|-----------------------|
| 225 | 0 | | 36 | 0 | | 14 | 5 | | One | One |

Dimensions of Ship per Register, Length **225.2** breadth **36.2** depth **14.5** Moulded depth, ft. **16** ins. **5** To Bridge Dk. Round of Upper Dk. Beam, Actual **9** ins.

| FRAMING. | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches per Rule Or as Appro. | Inches per Rule Or as Appro. | FORGINGS or CASTINGS. | Inches in Ship. | Inches per Rule Or as Appro. |
|--|------------------|-----------------|-----------------|------------------------------|------------------------------|--|----------------------|------------------------------|
| FRAME, Angles, or E or L Bars amidships in hulls | 7 | 3 | 44 | 7 | 3 | KEEL, Bar, depth and thickness | 7 1/4 x 2 1/8 | 7 1/4 x 2 1/8 |
| Do. in peaks | 3 | 3 | 38 | 3 | 3 | STEM, moulding and thickness | 6 1/2 x 5 | 6 1/2 x 5 |
| Do. in way of Double Bottoms at Solid Floors | 3 | 3 | 30 | 3 | 3 | STERN-POST for Rudder do. do. | 7 1/4 x 5 | 7 1/4 x 5 |
| at intermdt. Bkts. | | | | | | " for Propeller | 175.4 | 175.4 |
| Spacing of Frames from centre to centre amidships | 23 | | 23 | | | RUDDER—A x D Table 22 | 6 1/4 | 6 1/4 |
| from 1/4 length to Collision bulkhead | 20 | | 20 | | | " Main-Piece, diameter at head | 4 3/4 | 4 3/4 |
| " " length to Collision bulkhead in peaks | 20 | | 20 | | | " " " at heel | 4 3/4 | 4 3/4 |
| REVERSED FRAME, Angles | Sup B.A. framing | | 7 | | | RUDDER, how constructed | Single Plate, forged | |
| FRAMING, depth of girder | | | | | | Can the Rudder be unshipped afloat? | Yes | |
| FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships | | | | | | KEELSONS & STRINGERS. | | |
| " in way of Engine and Boiler Spaces | | | | | | CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate | | |
| " thickness at the ends of vessel | | | | | | " Rider Plate | | |
| " depth at 1/2 the half breadth, as per Rule | | | | | | " Flat Plate Keel Angles | | |
| " height extended at the Bilges | | | | | | " Horizontal Plates on Floors | | |
| FLOORS & BRACKETS in Cell Dble Bottoms | | | | | | " Angles or Bulb Angles | | |
| " state if flanged (top & bottom) | | | | | | " Plate above floors, for length | | |
| " Spacing | | | | | | " Intercoastal Plate, for length | | |
| CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss. | 33 | | 40.34 | 33 | 40.34 | " Attached to outside Plating with Angle | | |
| " Angles, Top | 3 1/2 | 3 | 38 | 3 1/2 | 38 | BILGE KEELSON, Angles | | |
| " " Bottom | 3 1/2 | 3 | 46.44 | 3 1/2 | 46.44 | " Intercoastal Plate for length | | |
| " " to Floors | 3 | 3 | 30 | 3 | 30 | " Attached to outside Plating with Angle | | |
| SIDE GIRDERS, number on each side & thickness state if flanged (top and bottom) | 2 1/2 | 2 1/2 | 30 | 2 1/2 | 30 | SIDE STRINGERS, Number | 4 1/2 | 3 1/2 |
| " Angles | 2 1/2 | 2 1/2 | 30 | 2 1/2 | 30 | " Angle | 36 | 36 |
| MARGIN PLATE, depth (exclusive of flange) and thickness | 27 | | 34 | 24 | 34 | " Intercoastal Plate, for length | 3 | 3 |
| " Angles to Outside Plating | 3 1/2 | 3 1/2 | 34 | 3 1/2 | 34 | " Attached to outside plating with Angle | 3 | 3 |
| " Floors | 3 | 3 | 30 | 3 | 30 | Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) | 64 | 66.36 |
| " Height of Brackets above at bilge | 44 | | 44 | | | " " " " (in way of Bridge) | 64 | 50 |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake | 46 | | 38.32 | 33 | 38.32 | " " " " Angle (clear of Bridge) | 5.5 | 5.5 |
| " " in Engine and Boiler space | | | 34.50 | | 34.46 | " " " " Tie Plate at sides of Hatchways | | |
| " " Remainder in Holds | | | 38.36 | | 38.36 | " Deck * Iron or Steel, for lng. | 30 | 30 |
| BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel | 6 | 3 | 40 | 6 | 40 | " " " " Thickness (clear of Bridge) (in way of Bridge) | 30 | 30 |
| " Angles on upper edge | | | | | | " " " " Wood Deck, Material & thickness | | |
| " Spacing | 23 | | 23 | | | Second Deck Stringer Plate, br'dth & thickness | | |
| BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel | | | | | | " Angles on ditto, No. | | |
| " Angles on upper edge | | | | | | " Tie Plates outside Hatchways | | |
| " Spacing | | | | | | " Deck * Iron or Steel, for lng. | | |
| BEAMS, Third or Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | " Wood Deck, Material & thickness | | |
| " Angles on upper edge | | | | | | Third Deck Stringer Plate, br'dth & thickness | | |
| " Spacing | | | | | | " Angles on ditto, No. | | |
| BEAMS, Fourth or Fifth Deck, Plate, Tee, Bulb, or Channel | | | | | | " Tie Plates, outside Hatchways | | |
| " Angles on upper edge | | | | | | " Deck * Material and thickness | | |
| " Spacing | | | | | | Fourth and Fifth Deck Stringer Plate, breadth & thickness | | |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 4 1/2 | 3 | 30 | 4 1/2 | 3 | " Angles on ditto, No. | | |
| " Angles on upper edge | | | | | | " Tie Plates outside Hatchways | | |
| " Spacing | 23 | | 23 | | | " Deck * Material & thickness | | |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 5 1/2 | 3 | 45 1/2 | 3 | 4 | Poop Deck Stringer Plate, breadth & thickness | 2 1/2 | 30 |
| " Angles on upper edge | | | | | | " Angle on ditto | 3.3 | 30 |
| " Spacing | 23 | | 23 | | | " Tie Plates | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 7 1/2 | 3 | 42 | 7 1/2 | 3 | " Deck, Material and thickness | 26 | 26 |
| " Angles on upper edge | | | | | | Bridge Deck Stringer Plate, br'dth & thickness | 4.8 | 32 |
| " Spacing | 40 | | 40 | | | " Angle on ditto | 3.3 | 32 |
| PILLARS, In 'tween-Deck, size and spacing | | | | | | " Tie Plates | | |
| " Hold | | | | | | " Deck, Material and thickness | 26 | 26 |
| " Quarter 'tween Dks. | | | | | | Forecastle Deck Stringer Plate, b'dth & th'kns | 3.30 | 30 |
| " in Hold | | | | | | " Angle on ditto | 3.3 | 30 |
| WEB-FRAMES, In Fore Body, No. and spacing br'dth. & thickness | | | | | | " Tie Plates | | |
| " No. of Side Stringers | | | | | | " Deck, Material and thickness | 5 x 2 1/2 P.P. | 5 x 2 1/2 P.P. |
| WEB-FRAMES, In E. & B. Space, No. & spacing br'dth. & thickness | 18 | | 30 | 18 | 30 | | | |
| " " " " " " " " | | | | | | | | |
| WEB-FRAMES, In After Body, No. and spacing br'dth. & thickness | | | | | | | | |
| " " " " " " " " | | | | | | | | |
| " No. of Side Stringers | | | | | | | | |
| " Size of Face Angles to Web-Frames | | | | | | | | |
| BRACKET PLATES to Stringers between Web-Frames, depth and thickness | | | | | | | | |

Form No. 1A.—1m.9.0

W233-0165 (112)

PLATING. RIVETING. BUTTS. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES, ordinary or jogged? BUTTS. IF LAPPED. FLAT PLATE KEEL. (If Bar Keel, state Riveting.) GABBOARD OR A Strake... SHEER... POOP SIDES... SHORT BRIDGE SIDES... FORECASTLE SIDES... Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.? Has the Steel been tested as required by the Rules? FRAMES extend in one length from REVERSED FRAMES on floors and frames extend from MASTS, SPARS, &c. LOWER MASTS... RIGGING, Material and Size, Shrouds... EQUIPMENT No. 12296 LETTER ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSEERS AND WARPS. Boats. Pumps, Number. Windlass is. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward) No. 2 Hatch No. 3 Hatch No. 4 Hatch Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. Bulwarks, height above deck and description. The above is a correct description. Builder's Signature (here only) Director.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case). Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks (State quality of workmanship, &c.). PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft. Bridge ft. Forecastle ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book). Official No. Signal Letters State if Machinery is fitted aft How are the surfaces preserved from oxidation? Inside Outside PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. Where Fitted. Length. Water Capacity. Where Fitted. Length. Water Capacity. Double bottom, aft. 57.5 79 Fore peak tank, 45 Double bottom, under Engines and Boilers. 19.2 43 After peak tank, 37 Double bottom, if under Engines only. 90.5 164 Deep tank, aft. Double bottom, if under Boilers only. 286 Deep tank, forward. Double bottom, forward. (If necessary, furnish further information by sketch.) The amount of Entry Fee £ 4 : 0 : 0 Fees applied for, 7 - MAY 1910 Special Survey Fee £ 52 : 7 : 0 Received by me, 10.5 1910 Travelling Expenses, if any £ : : State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed + 100 A.1. With, or without Freeboard, as condition of Class. Committee's Minute Character assigned 100 A.1. Lloyd's A.C.P. + L.M.C. 4, 10