

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

IRON OR STEEL STEAMER.

No. 17457

Received at London Office, 12 JAN 1906

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

Date of completion of Report 17 January 1906

Date, First Survey April 12th

Port of Hull

Last Survey Dec 27th 1905

Rig Ketch

Survey held at Hull

On the Steam Sander

ISLE OF WIGHT.

ONE OR TWO DECKED VESSEL.

CLASS 100A1 Steam Sander

Master Robert Knowles

Year of appointment 1893

TONNAGE under
Tonnage Deck... 169.47

Do. of Poop

Do. of Raised Qr.

Do. of Break...

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of

Engine Room... 6.64

Gross Tonnage 146.11

Less Crew Space 17.74

Less above Crown of

Engine Room... 6.64

Net Tonnage 151.73

Navigation Spaces 93.45

Net Tonnage 59.52

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Half Breadth (moulded) 10.68

Depth from upper part of Keel to top of Main Deck Bms. 12.77

Girth of Half Midship Frame (as per Rule) 19.00

1st Number 42.45

Length on deck from after part of stem to fore part of stern post 107.16

2nd Number 45.48

Proportions—Breadths to Length 5.01

Depths to Length—Main Deck to top of Keel 8.39

Destined Voyage Fishing

If Surveyed while Building, Afloat, or in Dry Dock Yes

DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams 11 Feet. 6 Inches. No. of Decks with Flat laid One No. of Tiers of Beams One

Length, 108.4 breadth, 21.6 depth, 11.62 Moulded Depth, 12 ft. 4 ins. Round of Beam, Actual 5 1/2 ins.

FRAMING. Inches in Ship. Inches in Ship. 16ths in Ship. Inches per Rule Or as Approved. 16ths in Ship. Inches per Rule Or as Approved.

ME, Angles, 7 in. Bars, for 1/2 length 3 2 1/2 5 3 2 1/2 5

amidships 3 2 1/2 5 3 2 1/2 5

for 1/2 at each end 3 2 1/2 5 3 2 1/2 5

in way of Double Bottoms at Solid Floors 20

at intermdt. Bkts. 20

ing of Frames from centre to centre 2 1/2 2 1/2 4 2 1/2 2 1/2 4

VERSED FRAME, Angles 2 1/2 2 1/2 4 2 1/2 2 1/2 4

EP FRAMING, depth of girder 16 6 16 6

ORS, depth and thickness of Floor Plate 7 7

at mid-line for 1/2 length amidships 7 7

in way of Engines and Boilers 7 7

thickness at the ends of vessel 7 7

depth at 1/2 the half breadth, as per Rule 7 7

height extended at the Bilges 7 7

ORS & BRACKETS, in Cell Dble Bottoms 7 7

state if flanged (top & bottom) 7 7

Spacing 7 7

TRE GIRDER, in Double Bottom, depth 7 7

and thickness 7 7

Angles, Top 7 7

Bottom 7 7

E GIRDERS, number on each side & thickness 7 7

state if flanged (top & bottom) 7 7

Angles 7 7

EGIN PLATE, depth (exclusive of flange) 7 7

and thickness 7 7

Angles to Outside Plating 7 7

Floors 7 7

Height of Floors at the Bilges 7 7

ER BOTTOM PLATING, breadth and 7 7

thickness of Middle Line Strake 7 7

thickness in Engine and Boiler space 7 7

Remainder in Holds 7 7

MS, Main and Raised Quarter Deck, 5 3 8 5 3 8

Single Angle, Bulb Angle, Plate or Tee Bulb 40 40

Angles on Upper Edge 40 40

Spacing 40 40

MS, Lower Deck, Single Angle, Bulb 7 7

Angle, Plate or Tee Bulb 7 7

Angles on Upper Edge 7 7

Spacing 7 7

MS, Hold, Plate or Tee Bulb 7 7

Angles on Upper Edge 7 7

Spacing 7 7

MS, Poop Deck, Angle, Bulb Angle, Plate 7 7

or Tee Bulb 7 7

Angles on Upper Edge 7 7

Spacing 7 7

MS, Bridge or Pt. Awng. Deck, Angle, 7 7

Bulb Angle Plate, or Tee Bulb 7 7

Angles on Upper Edge 7 7

Spacing 7 7

MS, Forecastle Deck, Angle, Bulb Angle, 7 7

Plate or Tee Bulb 7 7

Angles on Upper Edge 7 7

Spacing 7 7

LARS, In 'tween Decks, Size and Spacing 2 1/2 as arranged

Hold 2 1/2 as arranged

Quarter, 'tween Dks., 2 1/2 as arranged

in Hold 2 1/2 as arranged

WEB FRAMES, In Fore Body, No. and Spacing 7 7

Brdth. & Thickness 7 7

No. of Side Stringers 7 7

WEB FRAMES, In E. & B. Space, No. & Spacing 7 7

Brdth. & Thickness 7 7

WEB FRAMES, In After Body, No. and Spacing 7 7

Brdth. & Thickness 7 7

No. of Side Stringers 7 7

Size of Angles or Tee Bars to Web Frames 7 7

BRACKET PLATES to Stringers between 7 7

Web Frames, Depth and Thickness 7 7

7 7

7 7

7 7

7 7

FORGINGS AND CASTINGS. Inches in Ship. Inches in Ship. 16ths in Ship. Inches per Rule Or as Approved. 16ths in Ship. Inches per Rule Or as Approved.

KEEL, Bar or Side Plates depth and thickness 8 x 15/8 8 x 15/8

STEM, moulding and thickness 8 x 2 8 x 2

STERN-POST for Rudder do. 6 x 2 1/2 6 x 2 1/2

for Propeller 6 x 2 1/2 6 x 2 1/2

MAIN PIECE of Rudder, diameter at head 4 1/4 4 1/4

do. at heel 3 x 2 1/2 3 x 2 1/2

RUDDER, how constructed Forged iron frame, plated

Can the Rudder be unshipped afloat? Yes

KEELSONS AND STRINGERS. Inches in Ship. Inches in Ship. 16ths in Ship. Inches per Rule Or as Approved. 16ths in Ship. Inches per Rule Or as Approved.

CENTRE LINE KEELSON, Vertical Plate above 7 1/2 7 1/2 7

floors, Through Plate, or Intercoastal Plate 7 1/2 7 1/2 7

Rider Plate 7 1/2 7 1/2 7

Bulb Plate to Intercoastal Keelson 7 1/2 7 1/2 7

Horizontal Plates on Floors 4 3 7 4 3 7

Angles 4 3 7 4 3 7

SIDE KEELSON, Angles 4 3 7 4 3 7

Bulb or Plate above floors for lng. 4 3 7 4 3 7

Intercoastal Plate for length 4 3 7 4 3 7

Attached to outside plating with Angle 4 3 7 4 3 7

BILGE KEELSON, Angles 3 3 6 3 3 6

Bulb or Plate above floors for lng. 3 3 6 3 3 6

Intercoastal Plate for length 3 3 6 3 3 6

Attached to outside plating with Angle 3 3 6 3 3 6

BILGE STRINGER Angles 3 3 6 3 3 6

Bulb Plate for length 3 3 6 3 3 6

Intercoastal Plate for length 3 3 6 3 3 6

Attached to outside plating with Angle 3 3 6 3 3 6

SIDE STRINGER Angles 3 3 6 3 3 6

Bulb or Intercoastal Plate for lng. 3 3 6 3 3 6

Attached to outside plating with Angle 3 3 6 3 3 6

Main and Raised Quarter Deck Stringer 23 6 23 6

Plate, breadth and thickness 3 x 3 6 3 x 3 6

Angle on ditto 7 6 7 6

Tie Plates fore & aft, outside Hatchways 7 6 7 6

Diagonal Tie Plates on Bms. No. of Pairs 7 6 7 6

Main Dk* Iron Steel for Space lng. 6.5 6.5

R. Q. Dk* Iron or Steel for Space lng. 6.5 6.5

Wood Deck, Material & thickness P.P. Pine 3 3

Lower Deck Stringer Plate, breadth and 7 7

thickness 7 7

Angles on ditto, No. 7 7

Tie Plates, outside Hatchways 7 7

Deck* Material and thickness 7 7

Hold Stringer Plate 7 7

Angles on ditto, No. 7 7

Poop Deck Stringer Plate, breadth & thickness 7 7

Angle on ditto 7 7

Tie Plates 7 7

Deck, Material and thickness 7 7

Bridge or Pt. Awning Deck Stringer Plate, 7 7

breadth and thickness 7 7

Angle on ditto 7 7

Tie Plates 7 7

Deck, Material and thickness 7 7

Forecastle Deck Stringer Plate, brdth & thcknss 7 7

Angle on ditto 7 7

Tie Plates 7 7

Deck, Material and thickness 7 7

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

STIFFENERS. Single or Double Frames. Height up.

BULKHEADS. Number. Thickness. Horizontal. Vertical. Spacing. Inches. Inches. Inches. Inches. Inches.

In Vessel. Per Rule. 16ths in Ship. Size. Spacing. Inches. Inches. Inches. Inches. Inches.

W.T. BULKHEADS 4 4 4 3 x 2 1/2 x 5 1/2 48 30 0 lb Ph

PARTITION 7 7

LONGITUDINAL 7 7

Are the outside Plates doubled two spaces of Frames in length? Yes

Are the Stanchions and Watertight Doors in efficient working order? Yes

| PLATING. | | | | | | | | | | RIVETING. | | | | | | | | | |
|---|--|--|--|--|--------------------------|--|--|--|--|--|--|--|--|--|------------|--|--|--|--|
| AS IN SHIP. | | | | | PER RULE OR AS APPROVED. | | | | | SEAM EDGES. | | | | | BUTTS. | | | | |
| STRAKES. | | | | | AMIDSHIP. | | | | | Single or Double. | | | | | RIVETS. | | | | |
| Breadth. | | | | | Thickness. | | | | | Breadth. | | | | | Thickness. | | | | |
| FLAT PLATE KEEL (If Bar Keel, state Riveting) GARBOARD OR A Strake 30 7 7 7 30 7 B 6 6 6 6 6 6 C 6 6 6 6 6 6 D 6 6 6 6 6 6 E 6 6 6 6 6 6 F 6 6 6 6 6 6 G 33 8 6 6 33 8 H 6 6 6 6 6 6 I 6 6 6 6 6 6 J 6 6 6 6 6 6 K 6 6 6 6 6 6 L 6 6 6 6 6 6 M 6 6 6 6 6 6 N 6 6 6 6 6 6 O 6 6 6 6 6 6 P 6 6 6 6 6 6 | | | | | | | | | | DOUBLE OF Flat Plate Keel Length and thickness of Bilges of Sheerstrakes of Strake below POOP SIDES RAISED QUARTER DECK SIDES BRIDGE SIDES FORECASTLE SIDES LENGTHS OF PLATING Seven frame spaces. | | | | | | | | | |
| 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, outside Plating, &c. Mild Steel South Durham S. & S. Co., Tinsdillingham, Connell. | | | | | | | | | | Main Stringer Plate Butts, riveted for full length amidship Straps , single, double or overlapped for full length amidship Butts of Bilge & Side Stringers, and Tie Plates , treble or double riveted? T. & D. Inner Bottom Plating, riveting of Edges Butts Centre Girder Butts , riveted. Keelson Butts , riveted. Frames , riveted through Plates with 7/8 in. Rivets, about 4 1/2 apart. Rivets , state whether of Iron or Steel Iron. | | | | | | | | | |
| FRAMES extend in one length from keel to gunwale . REVERSED FRAMES on floors and frames extend from centre to upper turn of bilge . | | | | | | | | | | MASTS, SPARS, &c. LOWER MASTS Fore P.Pine 34-0 14 Main Steel 32-6 12 Mizen Steel 32-6 12 Bowsprit ✓ Topmasts, Yards and Remainder of Spars P.Pine Rigging, Material and Size, Shrouds Woolen wire 3" & 2 1/4" Sails One Suit of Sails and the following spare sails Stays 3 1/2, 2 1/2 | | | | | | | | | |
| EQUIPMENT No. 4548 LETTER Trawler. ANCHORS. Number of Certificate. Weight, Ex. Stock. Weight of Stock. Test, per Certificate. Weight Required by Table 22. Description of Anchor. Makers. Where and when tested and Superintendent. | | | | | | | | | | TONNAGE FOR TRAWLERS U.K. Number of Certificate. Weight, Ex. Stock. Weight of Stock. Test, per Certificate. Weight Required by Table 22. Description of Anchor. Makers. Where and when tested and Superintendent. | | | | | | | | | |
| CHAIN CABLES. Number of Certificate. Fathoms. Size. Test per Certificate. Weight of Chain Cable. Supplied. Per Table 22. Description. Makers of Cables. When and where tested and Superintendent. | | | | | | | | | | HAWSERS AND WARPS. Number of Certificate. Fathoms. Size. Test per Certificate. Weight of Chain Cable. Supplied. Per Table 22. Description. Makers of Cables. When and where tested and Superintendent. | | | | | | | | | |
| Boats One Pumps, Number Four Diameter of Barrel 4" State whether they are in efficient working order Yes Windlass by Lummell & Co. Capstan ✓ Engine Room Skylights —How constructed? Plates and angles What arrangements for deadlights in bad weather? Steel flaps and bullseyes. Coal Bunker Openings —How constructed? Cast iron ship How are lids secured? Screwed. Height above deck? 2 ft. Number of Scuppers, and number and dimensions of Freeing Ports, &c. On each side, 5 scuppers. 4 freeing Ports 18" x 9" Ceiling in Holds, thickness and material 2" Pine Ceiling 'tween Decks, thickness and material ✓ Cargo Hatchways —How formed? Plates and angles Hatches.—If strong and efficient? Yes State size No. 1 Hatch (Forward) 2-3 x 2-3 No. 2 Hatch 3-4 x 4-0 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 2-9 1/4 steel Main Rail and Stays, material and size 6 1/2 x 3 1/4 steel B.A. The above is a correct description. Builder's Signature J. J. Palethorpe Surveyor's Signature Allison B. Wilson Builder's Name J. J. Palethorpe Surveyor's Name Allison B. Wilson Form No. 1A. | | | | | | | | | | Committee's Minute Character assigned FRI. 19 JAN 1906 100A1 Stm Trawler Lloyd's A & C. P. & L. M. 6. 12. 05 Wm. Hocking 19/1/06 | | | | | | | | | |

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

27.3.05 23.4.05.
Workmanship. Are the butts of plating planed or otherwise fitted? **Planed.**
 Is the riveted work properly closed? **Yes.**
 Are the liners between the frames and plates solid single pieces? **Yes.** Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? **Yes.** Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? **Yes.** Do any rivets break into or through the seams or butts of the plating? **A few.**
 Are the butts of Plating, Stringers, &c., properly shifted and strapped? **Yes.**
 Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? **Yes.** State results of tests **✓**
 Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? **Yes.** State results of tests **✓**
General Remarks (State quality of workmanship, &c.) **Workmanship good.**
 This vessel has been built in accordance with the approved plans, the Secretary's letter of the above date, and in general conformity to the Rules for the class contemplated.
 The machinery is fitted apt.
 Accompanying this Report, Plans of Midship Section, Profile and Deck, Pumping Arrangements and Report on Ships Fittings.

This is a Sister Vessel to the "Isle of Man" "Coquet" &c.
 Hull Reports No. 14203, 14216, &c.
 The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop **✓** ft., R.Q.D. or Break **✓** ft., Bridge Dk. **✓** ft., F'castle **✓** ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. 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) **1 Deck**
 Official No. **✓**; Signal Letters **✓**

How are the surfaces preserved from oxidation? Inside **Portland Cement + Paint** Outside **Paint.**

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. |
|--|----------|-----------------|---|----------|-----------------|
| | Feet. | Tons. | | Feet. | Tons. |
| Double bottom, aft, ✓ | | | Fore peak tank, ✓ | | |
| Double bottom, under Engines and Boilers, ✓ | | | After peak tank, ✓ | | |
| Double bottom, if under Engines only, ✓ | | | Midship deep tank, ✓ | 13-4 | 34 |
| Double bottom, if under Boilers only, ✓ | | | Other tanks, if fitted, ✓ | | |
| Double bottom, forward, ✓ | | | (If necessary, furnish further information by sketch.) ✓ | | |

The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules **Yes.**

Order for Special Survey No. 1488
 Date 29/3/05
 No. 502 in builder's yard.
 DATES OF SURVEYS held while building
 1905: April 12, 27, May 3, 9, 11, Aug 23, 28, 30, Sep 6, 14, 19, 27, Oct 4, 11, 16, 18, 23, 25, Nov 4, 9, 14, 23, 28, 29, Dec 5, 6, 12, 14, 20, 22, 27
 Total No. of Visits **31**

The amount of Entry Fee **£ 10 10 0** Fees applied for **11/4 1906**
 Special **7:12** Received by me **6/3/06**
 Travelling Expenses, if any **£ 7 10 0**
 State whether the Vessel has been built under Special Survey **Yes.**
 I am of opinion this Vessel should be Classed **100A1 Steam Trawler.**
 With, or without Freeboard, as condition of Class **Without.**
Allison B. Wilson
 Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute
Character assigned
FRI. 19 JAN 1906
100A1
Stm Trawler
Lloyd's A & C. P. & L. M. 6. 12. 05
Wm. Hocking **19/1/06**