

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office WED. SEP. 24. 1913

Date of completion of report 20th September 1913 State if Report is also sent on the Machinery of the Vessel *yes.*

Survey held at *Selly* Date, First Survey *May 23rd* Port of Hull *No. 26732*
On the (State if Single, Twin or Triple Screw) *SS. "PRINCE LEO."* Last Survey *Sept 10th 1913*
CLASS *100A1.* Rig *Ketch.*

TONNAGE under 210.32
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk.
Do. of Poop 6.82
Do. of R.Q.Dk.
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Dk. 94
Do. of excess of Hatchways
Do. above Crown of Engine Room...
Gross Tonnage 218.08
Less Crew Space 22.17
Less above Crown of Engine Room...
TONNAGE FOR FEES. 195.91
Less Engine Room
Less Navigation Spaces 4.84

Breadth (greatest moulded) 21.87
Depth, at middle of length from top of keel to top of upper deck beams at side 12.45
Transverse Number 34.62
Length on deck from fore part of stem to after part of stern post 117.00
Longitudinal Number 4050
Depth "d" at middle of length (See Secs. 2 & 13) 11.42
Proportions—Depth to Length—Upper Deck Beam at side to top of keel 9.17
" " Long Bridge Deck Beam at side to top of keel

Master *✓*
Year of appointment (1) As Master in service of owner of present vessel:—191
(2) As Master of this vessel:—191
Built at *Selly.*
When built 1913 Launched 5th August
By whom built *Cochran & Sons Ltd*
Owners *H. Bernstein*
Managers *✓*
(Where necessary to be entered in Reg. Book.)
Residence *Grimsby.*
Port belonging to *Grimsby.*

Register Tonnage 85.98
as cut on Beam

Destined Voyage *Fishing* If Surveyed while Building, Afloat, or in Dry Dock *Yes*

Length on Deck 117.00 Breadth Moulded 21.87 Depth, ACTUAL—Top of Floors to top of Upper Dk. Beams 12.45
Do. do. do. Second Dk. Beams 12.00
Moulded depth, ft. 12.45 To Bridge Dk. Round of Upper Dk. Beam, Actual 7 ins.
Moulded depth, ft. 12.45 To Upper Dk. Dk. Beam, Actual 7 ins.

| FRAMING. | | | | | | PILLARS. | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|
| Inches in Ship | | | | | | Inches in Ship | | | | | |
| NAME, Angles, or <i>or</i> Bars amidships | | | | | | PILLARS, In 'tween Deck, size and spacing | | | | | |
| Do. in peaks | | | | | | " " Hold " " | | | | | |
| Do. in way of Double Bottoms at Solid Floors | | | | | | " " Quarter 'tween Dks., " " | | | | | |
| " " at intermdt. Bkts. | | | | | | " " in Hold " " | | | | | |
| acing of Frames from centre to centre amidships | | | | | | KEELSONS & STRINGERS. | | | | | |
| " " length to Collision bulkhead | | | | | | CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate | | | | | |
| " " in peaks | | | | | | " " Rider Plate | | | | | |
| EVERSED FRAME, Angles | | | | | | " " Flat Plate Keel Angles | | | | | |
| Do. in way of Double Bottoms at Solid Floors | | | | | | " " Horizontal Plates on Floors | | | | | |
| " " at intermdt. Bkts. | | | | | | " " Angles or Bulb Angles | | | | | |
| RAMING, depth of girder | | | | | | SIDE KEELSONS, Number | | | | | |
| LOOKS, depth and thickness of Floor Plate at mid-line for length amidships | | | | | | " " Angles or Bulb Angles | | | | | |
| " " in way of Engine and Boiler Spaces | | | | | | " " Plate above floors, for length | | | | | |
| " " thickness at the ends of vessel | | | | | | " " Intercoastal Plate, for length | | | | | |
| " " depth at 1/2 the half breadth, as per Rule | | | | | | " " Attached to outside Plating with Angle | | | | | |
| " " height extended at the Bilges | | | | | | BILGE KEELSON, Angles (Pine) | | | | | |
| LOOKS in Cell. Double Bottoms | | | | | | " " Intercoastal Plate for length | | | | | |
| " " state if flanged (top & bottom) | | | | | | " " Attached to outside Plating with Angle | | | | | |
| " " Spacing of Solid floors | | | | | | SIDE STRINGERS, Number | | | | | |
| CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss. | | | | | | " " Angle | | | | | |
| " " Angles, Top | | | | | | " " Intercoastal Plate, for length | | | | | |
| " " Bottom | | | | | | " " Attached to outside plating with Angle | | | | | |
| " " to Floors | | | | | | Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) | | | | | |
| " " Brackets at intermdt. frmg., wdth & thknss | | | | | | " " " " br'dth & thickness (in way of Bridge) | | | | | |
| SIDE GIRDERS, number on each side & thickness | | | | | | " " " " Angle (clear of Bridge) | | | | | |
| " " state if flanged (top and bottom) | | | | | | " " Tie Plate at sides of Hatchways | | | | | |
| " " Angles (top and bottom) | | | | | | " " Deck * Iron or Steel, for <i>8 x 3</i> B. Space lng. | | | | | |
| " " to Floors | | | | | | " " Thickness (clear of Bridge) | | | | | |
| MARGIN PLATE, depth (exclusive of flange) and thickness | | | | | | " " (in way of Bridge) | | | | | |
| " " Angle to Outside Plating | | | | | | " " Wood Deck, Material & thickness <i>P. Pine</i> | | | | | |
| " " Floors | | | | | | Second Deck Stringer Plate, br'dth & thickness | | | | | |
| " " Brackets at intermdt. frmg., wdth & thknss | | | | | | " " Angles on ditto, No. | | | | | |
| " " Height of Outside Brackets above at bilge | | | | | | " " Tie Plates outside Hatchways | | | | | |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake | | | | | | " " Deck * Iron or Steel, for lng. | | | | | |
| " " in Engine and Boiler space | | | | | | " " Wood Deck, Material & thickness | | | | | |
| " " Remainder in Holds | | | | | | Third Deck Stringer Plate, br'dth & thickness | | | | | |
| BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | " " Angles on ditto, No. | | | | | |
| " " In way of Long Bridge | | | | | | " " Tie Plates, outside Hatchways | | | | | |
| " " Spacing | | | | | | " " Deck * Material and thickness | | | | | |
| BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | Fourth and Fifth Deck Stringer Plate, breadth & thickness | | | | | |
| " " Spacing | | | | | | " " Angles on ditto, No. | | | | | |
| BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | " " Tie Plates outside Hatchways | | | | | |
| " " Angles on upper edge | | | | | | " " Deck, Material & thickness | | | | | |
| " " Spacing | | | | | | Poop Deck Stringer Plate, breadth & thickness | | | | | |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | " " Angle on ditto | | | | | |
| " " Angles on upper edge | | | | | | " " Tie Plates | | | | | |
| " " Spacing | | | | | | " " Deck, Material and thickness | | | | | |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | Bridge Deck Stringer Plate, br'dth & thickness | | | | | |
| " " Angles on upper edge | | | | | | " " Angle on ditto | | | | | |
| " " Spacing | | | | | | " " Tie Plates | | | | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | " " Deck, Material and thickness | | | | | |
| " " Angles on upper edge | | | | | | Forecastle Deck Stringer Plate, br'dth & th'kns | | | | | |
| " " Spacing | | | | | | " " Angle on ditto | | | | | |
| | | | | | | " " Tie Plates | | | | | |
| | | | | | | " " Deck, Material and thickness | | | | | |

If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

| EQUIPMENT No. | | | LETTER | | | ANCHORS. | | | TOWAGE OR PLATING No. FOR TRAWLERS | | | Where and when tested, and Superintendent. | | | |
|------------------------|-------------------|--|------------------|------|------|-----------------|------|------|------------------------------------|------|------|--|-------|------|------|
| Number of Certificate. | Anchors. | | WEIGHT, EX STOCK | | | WEIGHT OF STOCK | | | TEST, PER CERTIFICATE | | | WEIGHT REQUIRED BY TABLE 31. | | | |
| | | | Cwts. | qrs. | lbs. | Cwts. | qrs. | lbs. | Tons. | cwt. | qrs. | lbs. | Cwts. | qrs. | lbs. |
| 69767 | 1st Bower ... | | 6 | 2 | 14 | | | | 9 | 17 | 2 | 0 | 6 | 2 | 0 |
| 69768 | 2nd " ... | | 5 | 3 | 24 | | | | 9 | 5 | 0 | 0 | 6 | 0 | 0 |
| 69766 | 3rd " ... | | 3 | 0 | 16 | | | | 5 | 14 | 1 | 14 | 3 | 0 | 14 |
| | 4th " ... | | ✓ | | | | | | | | | | | | |
| | Collective weight | | 15 | 2 | 26 | | | | | | | | 15 | 2 | 14 |
| | Stream | | ✓ | | | | | | | | | | | | |
| | Kedge..... | | ✓ | | | | | | | | | | | | |

| CHAIN CABLES. | | | | | | | | | | HAWSERS AND WARPS. | | | | | | | | | |
|------------------------|---------------------------|-------|-----------------------|---------------------------------|-----------|-------------------------------|--------------|-------------------|--|--------------------|---------------------------|---------|--------------------------------------|----------|---------|----|--|--|--|
| Number of Certificate. | Length and size supplied. | Diam. | Test per Certificate. | Weight of Chain Cable Supplied. | Per Rule. | Length and Size per Table 31. | Description. | Makers of Cables. | Where and when tested, and Superintendent. | Material. | Length and size supplied. | Diam. | Breaking Test of Steel Wire Towline. | Length. | Cir. | | | | |
| Fathoms. | Inches. | Tons. | Tons. | Cwts. | qrs. | lbs. | Fathoms. | Inches. | | | Fathoms. | Inches. | Tons. | Fathoms. | Inches. | | | | |
| 13477 | 90 | 1 | 18 | 27 | 45-3-19 | 45-3-17 | 90 | 1 | Sink J. L. Sauer | L.P.M.C.H. 31-7-13 | Towline | ✓ | 60 | 6 | 60 | 6 | | | |
| | | | | | | | | | | S.C. Paul, Sup. | Hawsers & Warps Manila | ✓ | 60 | 4½ | 60 | 4½ | | | |
| | | | | | | | | | | | " " | | | | | | | | |

Boats One **Steering Gear, Steam ✓** **Steering Gear, Hand Cochrane's**
Pumps, Number Three Diameter of Barrel 6 State whether they are in efficient working order Yes.
Windlass by Summell & Sons. **Capstan ✓**
Engine Room Skylights.—How constructed? By Grak. What arrangements for deadlights in bad weather? Beak flaps & bullseyes.
Coal Bunker Openings.—How constructed? Cast iron rings How are lids secured? Bolted down Height above deck? 12" and flush.
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. On each side, 4 Scuppers. 3 freeing ports 15" x 9".
Ceiling in Holds, thickness and material. 2" pin **Cargo Battens, thickness and material.** ✓
Cargo Hatchways.—How formed? Plated and angled **Hatches, If strong and efficient?** Yes, 2½ Solid
State size No. 1 Hatch (Forward) 3'-0" x 3'-3". No. 2 Hatch 2'-3" x 3'-3". No. 3 Hatch 3'-3" x 3'-3". No. 4 Hatch 3'-3" x 3'-3". No. 5 " 3'-3" x 3'-3".
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch ✓
Bulwarks, height above deck and description 3'-4" x 3'1" Main Rail, material and size 6" x 3" 40. Steel Bull angle
The foregoing is a correct description. **FOR COCHRANE & SONS LTD.** Surveyor's Signature Allison B. Wilson.
Builder's Signature (here only) Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) (M) 25-4-13.
(5) 17.5-13.
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 faying 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. 26, par. 20)? Jauchen State results of tests ✓
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Jauchen 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 Rectangular letters of the above dates, and in general conformity to the Rules for the class contemplated.
Accompanying this Report, Plans of Midship Section, Profile and Decks, Pumping Arrangements, and a Report on Ships Gorgings.

The Surveyor should state the Number of Report and Name of any Sister Vessel.
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee £ 1 : 0 : 0 Fees applied for, 22/9/1913
Special Survey Fee.... £ 9 : 16 : 0 Received by me, 24/9/1913
Travelling Expenses, if any £ - 13 : 4
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.
Committee's Minute FRI. SEP 26. 1913
Character assigned 100A1
 Stm Trawler
 Lloyd's M.B.P.
 + Lm.b.g.13.
Allison B. Wilson
Surveyor to Lloyd's Register of British and Foreign Shipping.

GENERAL REMARKS—(continued).

[Faint, mostly illegible handwritten notes and signatures in the upper section of the form.]

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop. ✓ 12 ft., R.Q.D. 64-0 ft., Bridge ✓ 19 ft., Forecastle 19-66 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). 1 DK.

Official No. ✓ 135969 ; Signal Letters ✓ --- State if Machinery is fitted aft Yes
How are the surfaces preserved from oxidation? Inside Portland Cement and 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. Feet. | Water Capacity. Tons. | Where Fitted. | *Length. Feet. | Water Capacity. Tons. |
|---|-------------------|--------------------------|--|-------------------|--------------------------|
| Double bottom, aft, ✓ | | | Fore peak tank, ✓ | | |
| Double bottom, under Engines and Boilers, ✓ | | | After peak tank, ✓ | | |
| Double bottom, if under Engines only, ✓ | | | Deep tank, aft, ✓ | | |
| Double bottom, if under Boilers only, ✓ | | | Deep tank, forward, ✓ | | |
| Double bottom, forward, ✓ | | | Other tanks, if fitted, ✓ | | |
| Total capacity of double bottom ✓ | | | (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. ✓

Order for Special Survey No. 2020

Date 11/6/13

No. 545 in builder's yard.

DATES OF SURVEYS held while building

1913: May 23 Jun 4. 10. 16. 18. 26. Jul 1. 3. 5. 9. 11. 14. 18. 31. Aug 15. 19. 22. 26. Sep 2. 10.

Surveyor's Signature Allison B. Wilson