

3384

With or Without Disconnected Erections.

STEEL STEAMER.

TUE OCT 27 1914

Received at London Office

Date of completion of report 20-10-14

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

Survey held at *Silby & Hull*

Port of *Hull*
Date, First Survey *May 9th*

No. *28030*
Last Survey *Oct 15th 1914*
Rig *Yawl*

On the *(State if Single, Twin, or Triple Screw)* *STEAM TRAWLER*

TONNAGE under Tonnage Deck *242.42*
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk.
Do. of Poop
Do. of R.Q.Dk. *break* *14.95*
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Dk. *5.47*
Do. of excess of Hatchways
Do. above Crown of Engine Room
Gross Tonnage *262.84*
Less Crew Space *23.71*
Less above Crown of Engine Room
TONNAGE FOR FEES *239.13*
Less Engine Room *126.37*
Less Navigation Spaces *9.36*

CLASS *100A1*

FEET.

Breadth (greatest moulded) *22.37*
Depth at middle of length from top of keel to top of upper deck beams at side *13.0*
Transverse Number *35.37*
Length on deck from fore part of stem to after part of stern post *125*
Longitudinal Number *4421*
Depth "d," at middle of length (See Secs. 2 & 18) *11.6*
Proportions—Depth to Length—Upper Deck Beam at side to top of keel *9.61*
" 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 *Silby*

When built *1914* **Launched** *25th July 1914*

By whom built *Cochrane & Shuld*

Owners *Number Steam Trawling Co Ltd.*

Managers

(Where necessary to be entered in Reg. Book.)

Residence *Hull*

Port belonging to *Hull*

and

Surveyed while Building, Afloat, or in Dry Dock

Register Tonnage *103.40* **Destined Voyage** *Fishing*
LENGTH on Deck *125* **BREADTH**—Moulded *22* **DEPTH, ACTUAL**—Top of Floors to top of Upper Dk. Beams *12* **No. of Decks with flat laid** *one*
as per Rule *0* **Do.** *4* **Do.** *do.* **Second Dk. Beams** *3* **No. of Tiers of Beams** *one*

Dimensions of Ship per Register, Length *125.2* breadth *22.5* depth *12.25* Moulded depth, ft. *13* ins. *0* To Bridge Dk. Round of Upper Dk. Beam, Actual *7* ins.

| FRAMING. | | | | | | PILLARS. | | | | | |
|--|-------------------|-----------------|-----------------|-----------------|-----------------|-----------|--|-----------------|-----------------|-----------------|-----------------|
| | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches in Ship. | | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches in Ship. |
| FRAME , Angles, or <i>C</i> or <i>L</i> Bars amidships | <i>4</i> | <i>3</i> | <i>40</i> | <i>4</i> | <i>3</i> | <i>40</i> | PILLARS , In 'tween Deck, size and spacing | | | | |
| Do. in peaks | <i>throughout</i> | | | | | | " " Hold | " | " | <i>2 1/2</i> | <i>4</i> |
| Do. in way of Double Bottoms at Solid Floors | | | | | | | " Quarter 'tween Dks. | " | " | | |
| " " at intermdt. Bkts. | | | | | | | " " in Hold | " | " | | |
| Spacing of Frames from centre to centre amidships | | <i>20</i> | | <i>20</i> | | | KEELSONS & STRINGERS. | | | | |
| " " from <i>1</i> length to Collision bulkhead | | | | | | | CENTRE LINE KEELSON , Vertical Plate above floors, Through Plate, or Intercoastal Plate | <i>7 1/2</i> | <i>43</i> | <i>7 1/2</i> | <i>43</i> |
| " " in peaks | | | | | | | " Rider Plate | | | | |
| REVERSED FRAME , Angles, on floors | <i>2 1/2</i> | <i>2 1/2</i> | <i>25</i> | <i>2 1/2</i> | <i>2 1/2</i> | <i>25</i> | " Flat Plate Keel Angles | | | | |
| Do. in way of Double Bottoms at Solid Floors | | | | | | | " Horizontal Plates on Floors | <i>4</i> | <i>3</i> | <i>44</i> | <i>4</i> |
| " " at intermdt. Bkts. | | | | | | | " Angles or Bulb Angles | <i>two</i> | | <i>4</i> | <i>3</i> |
| FRAMING , depth of girder | | <i>16</i> | <i>37</i> | <i>16</i> | <i>37</i> | | SIDE KEELSONS , Number | | | | |
| FLOORS , depth and thickness of Floor Plate at mid-line for <i>1</i> length amidships | | <i>50</i> | <i>43</i> | <i>50</i> | <i>43</i> | | " Angles or Bulb Angles | | | | |
| " in way of Engine and Boiler Spaces | | | <i>31</i> | | <i>31</i> | | " Plate above floors, for length | | | | |
| " thickness at the ends of vessel | | | | | | | " Intercoastal Plate, for length | | | | |
| " depth at <i>1</i> the half breadth, as per Rule | | | | | | | " Attached to outside Plating with Angle | <i>5</i> | <i>4</i> | <i>40</i> | <i>5</i> |
| " height extended at the Bilges | | | | | | | BILGE KEELSON , Angles | | | | |
| FLOORS 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 | <i>one</i> | <i>5</i> | <i>4</i> | <i>40</i> |
| CENTRE GIRDER , in Dbl. bottom, dpth. & thcknss. | | | | | | | " Angle | <i>one</i> | <i>5</i> | <i>4</i> | <i>40</i> |
| " 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) | <i>50</i> | <i>31</i> | <i>50</i> | <i>31</i> |
| Brackets at intermdt. frmg., wdth & thkns | | | | | | | " " " " br'dth & thickness (in way of Bridge) | <i>3 x 3</i> | <i>37</i> | <i>3 x 3</i> | <i>37</i> |
| SIDE GIRDERS , number on each side & thickness | | | | | | | " " " " Angle (clear of Bridge) | <i>8</i> | <i>37</i> | <i>8</i> | <i>37</i> |
| " state if flanged (top and bottom) | | | | | | | " Tie Plate at sides of Hatchways | | | | |
| " Angles (top and bottom) | | | | | | | Deck * Iron or Steel, for <i>Per Deck plan</i> | | | | |
| " 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. Plate 5 x 3</i> | | | <i>5 x 3</i> | |
| " Floors | | | | | | | Second Deck Stringer Plate , br'dth & thickness | | | | |
| Brackets at intermdt. frmg., wdth & thkns | | | | | | | " 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 <i>Ing.</i> | | | | |
| " 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 | <i>5</i> | <i>3</i> | <i>50</i> | <i>5</i> | <i>3</i> | <i>50</i> | " 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 | <i>4</i> | <i>3</i> | <i>40</i> | <i>4</i> | <i>3</i> | <i>40</i> | Deck. Material and thickness | | | | |
| " Angles on upper edge | | | | | | | Forecastle Deck Stringer Plate , br'dth & th'kns | | | | |
| " Spacing | | | | | | | " Angle on ditto | | | | |

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

WEB FRAMES.

WEB-FRAMES, In Fore Body, No. and spacing

brdth. & thickness

No of Side Stringers

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 Face Angles to Web-Frames.....

BRACKET PLATES to Stringers between

Web Frames, depth and thickness.....

BULKHEADS.

Number.

Thickness.

STIFFENERS.

Single or Double Frames.

Height up, state deck.

W.T.BULKHEADS

10-4-28-26

brackets

4 1/2 x 3 1/2

36

30

Single Bulk

8

2

1

6 1/2 x 3 x 36

27

6 x 3 x 40

30

6 x 3 x 40

24

" COLLISION "

PARTITION "

LONGITUDINAL,

Are the outside Plates doubled two spaces of Frames in length

Approved Lines

Are the Staircase Valves and Watertight Doors in efficient working order?

Yes

FORGINGS or CASTINGS.

KEEL, Bar, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

for Propeller

RUDDER-A x D* Table 22. Speed

under 10 knots

63.8

Main-Piece, diameter at head

4 1/2

4

at heel

4 1/4 x 3 1/2

2 3/4 x 2 1/4

RUDDER, how constructed

Imped scrap steel.

Thickness of Plates or Single-Plate

1.26

Can the Rudder be unshipped afloat?

Yes.

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.?

Penns. Marine Iron Works

South Durham S & S Co

Has the Steel been tested as required by the Rules?

Yes.

PLATING.

STRAKES.

AS IN SHIP.

PER RULE OR AS APPROVED.

AMIDSHIP.

FORWARD.

AFT.

AMIDSHIP.

FLAT PLATE KEEL.....

GARBOARD OR A Strake

B

C

D

E

F

G

H

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

THICKNESS OF STRAKE

CLEAR OF LONG BRIDGE

Do. OF STRAKE BELOW

DLG. of Flat Plate Keel

Sheerstrakes

Length and thickness.

POOP SIDES

SHORT BRIDGE SIDES

FORECASTLE SIDES

EDGES.

Ordinary or Joggled?

Ordinary

Single or Double.

Breadth of Lap.

Diagonals.

Spacing or to center.

Double or Treble and for what Length.

RIVETS.

Diam.

Spacing or to center.

STRAPS.

Breadth.

Thickness.

IF LAPPED.

Breadth.

For what Length.

Double

4 1/2

3/4

3 1/2

Double

3/4

2 3/8

9 3/4

53

5

full

Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

Upper Deck

Butts, riveted for

full

length amidship.

Stringer Plate

Straps, single, double or overlapped for

full

length amidship.

Second Deck

Butts, riveted for

length amidship.

Stringer Plate

Straps, single or overlapped for

length amidship.

Butts of Side Stringers

Tie Plates

Inner Bottom Plating, riveting of Edges

Centre Girder Butts,

Frames, riveted through Plates with

Rivets, state whether Iron or Steel

Butts

Keelson Butts,

Rivets, about

apart.

FRAMES extend in one length from

to

State if ordinary or joggled

REVERSED FRAMES on floors and frames extend from

to

State if ordinary or joggled

MASTS, SPARS, &c.

Material.

Total Length.

DIAMETER AND THICKNESS.

No. of Plates in round.

ANGLES.

RIVETING.

At Partners.

Head.

Hounds.

Head.

Number.

Size.

Seams.

Butts.

LOWER MASTS.....

Fore

Main

Mizen

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails.

P.P. Mast

Steel

P. Pine

Galv. steel wire

Suit of

Sails, and the following spare sails

| EQUIPMENT No. | | | LETTER | | | | | | | | | | | | ANCHORS. | | | | | | | | | | | | TONNAGE U. DK. OR PLATING No. FOR TRAWLERS | | | | | | | | | | | |
|------------------------|--|--|-------------------|--|--|-------------------|--|--|-----------------------|--|--|------------------------|--|--|------------------------------|--|--|------------------------|--|--|----------|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Number of Certificate. | | | Anchors. | | | WEIGHT, EX. STOCK | | | WEIGHT OF CHAIN CABLE | | | TEST, PER CERTIFICATE. | | | WEIGHT REQUIRED BY TABLE 31. | | | Description of Anchor. | | | Makers. | | | Where and when tested and Superintendent. | | | | | | | | | | | | | | |
| | | | | | | Cwts. qrs. lbs. | | | Cwts. qrs. lbs. | | | Tons. cwt. qrs. lbs. | | | Cwts. qrs. lbs. | | | | | | | | | | | | | | | | | | | | | | | |
| 17258 | | | 1st Bower | | | 7 0 4 | | | Shackles | | | 9 5 0 0 | | | 7 6 1 0 | | | Green's Quick Grip | | | J. Green | | | August 21/14 | | | S. Chas. | | | | | | | | | | | |
| 17259 | | | 2nd " | | | 6 1 10 | | | " | | | 8 12 2 0 | | | 6 1 0 | | | " | | | " | | | " | | | " | | | | | | | | | | | |
| 17260 | | | 3rd " | | | 3 2 10 | | | " | | | 6 0 3 21 | | | 3 1 21 | | | " | | | " | | | " | | | " | | | | | | | | | | | |
| | | | 4th " | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Collective weight | | | 16 3 24 | | | | | | | | | 16 2 21 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Stream | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Kedge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| CHAIN CABLES. | | | | | | | | | | | | HAWERS AND WARPS. | | | | | | | | | | | |
|------------------------|--|---------------------------|--|-----------------------|--|-----------------------|--|-------------------------------|--|--------------|--|-------------------|--|--|--|----------------|--|---------------------------|--|--------------------------------------|--|-------------------------------|--|
| Number of Certificate. | | Length and size supplied. | | Test per Certificate. | | WEIGHT OF CHAIN CABLE | | Length and Size per Table 31. | | Description. | | Makers of Cables. | | Where and when tested, and Superintendent. | | Material. | | Length and Size supplied. | | Breaking Test of Steel Wire Towline. | | Length and Size per Table 31. | |
| | | Length. Diam. | | Stair. Break. ing. | | Supplied Per Rule. | | Length. Diam. | | | | | | | | | | Fathoms. Ins. | | Tons. | | Fathoms. Ins. | |
| 15351 | | 105 1 1/4 | | 20 3/16 2 2/5 | | 61-1-0 60-2-18 | | 105 1 1/4 | | Steel Wire | | J. Green | | August 21/14 | | TOWLINE | | 60 6 manilla | | 60 6 | | 60 6 | |
| | | | | | | | | | | | | | | | | HAWERS & WARPS | | 60 4 1/2 | | 60 4 1/2 | | 60 4 1/2 | |

Boats *one lead*. Steering Gear, Steam ☒ Steering Gear, Hand *iller*

Pumps, Number *10 @ 6" one @ 4"*. Diameter of Barrel *6" x 4"*. State whether they are in efficient working order *yes*

Windlass is *Gammell & Bow's (Steam)*. Capstan ☒

Engine Room Skylights.—How constructed? *Steel*. What arrangements for deadlights in bad weather? *Steel flaps & Bull's eyes*

Coal Bunker Openings.—How constructed? *C. D. Doors*. How are lids secured? *locked*. Height above deck? *flush*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *5 Scuppers & 5 Freeing Ports (4 @ 18" x 9" & 1 @ 24" x 12") each side*

Ceiling in Holds, thickness and material *2" P. Pine*. Cargo Battens, thickness and material ☒

Cargo Hatchways.—How formed? *scuttles*. Hatches, If strong and efficient? *yes*

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 ☒

No. of Breasthooks *2*. No. of Crutches *2 x deck floors*

Bulwarks, height above deck and description *45" x 31"*. Main Rail, material and size *5 1/2 x 3 x 40*

The foregoing is a correct description. FOR COCHRANE & SONS LTD.

Builder's Signature (here only) *J. H. Cochrane*. Surveyor's Signature *P. C. Laws*

Surgeon 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 18/3/14 E 9/4/14

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? *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)? *Trawler*

State results of tests ☒

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *Trawler*

State results of tests ☒

General Remarks (State quality of workmanship, &c.) *This vessel has been constructed in accordance with the approved Plans herewith enclosed, the Secular's Letter & generally in conformity with the Society's Rule and the materials & workmanship throughout are good.*

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 £ *2: 0: 0*

Special Survey Fee £ *11: 19: 0*

Traveling Expenses, if any £ *— 11: 9*

Fees applied for, *26/10 1914*

Received by me, *29/10 1914*

Certificate to be sent to *Hull*

Date of issue *2/11/14*

State whether the Vessel has been built under Special Survey *yes*

I am of opinion this Vessel should be Classed *+ 100 A1 Steam Trawler*

With, or without Freeboard, as condition of Class *without*

Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *FRI. OCT. 30. 1914*

Character assigned *100 A1 Steam Trawler*

Lloyd's 206.0

+ L.M.B. 10514

W288-0036 (2/2)

Lloyd's

GENERAL REMARKS—(continued).

[Handwritten notes and calculations in the top section of the form, including various numbers and measurements.]

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 70.0 ft., Bridge ☒ ft., Forecastle 19 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 should appear in the Register Book) 1. 0/2

Official No. 136210 ; Signal Letters _____ State if Machinery is fitted aft Y

How are the surfaces preserved from oxidation? Inside Paint & Cement 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. 2064

Date 20/3/14

No. 608 in builder's yard.

DATES OF SURVEYS held while building

1914: May 9 14. 28. Jun 5. 12 25 Jul 1 9. 22. 24. 28. Aug 24. Sep 2. 3. 15. 21. Oct 15

Total No. of Visits 18

Surveyor's Signature P. H. Lewis