

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

IRON OR STEEL STEAMER.

No. 19382
THUR. 12 SEP 1907

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

Received at London Office

Date of completion of Report *6th September 1907*

Port of *Hull*

Date, First Survey *March 22nd '07*

Last Survey *August 31st 1907*

Survey held at *Silby*

On the *Steam Srauler "TOKIO."*

Rig *Ketch*

TONNAGE under
Tonnage Deck... *258.47*

ONE OR TWO DECKED VESSEL.

Master *Peter Christensen*

Do. of Poop... *15.91*

CLASS *100A1* *Steam Srauler*

Year of appointment *1907*
(1) As master in service of
owner of present vessel:—1907
(2) As master of this
vessel:—1907

Do. of Raised Or... *8.27*

Half Breadth (moulded) *11.44*

Built at *Silby*

Do. of Forecastle... *12.55*

Depth from upper part of Keel to top of Main Deck Bms. *13.48*

When built *1907* Launched *30th May*

Do. of Houses on Deck... *12.55*

Girth of Half Midship Frame (as per Rule) *20.52*

By whom built *Cochrane & Sons*

Do. of excess of Hatchways... *24.94*

1st Number *45.44*

Owners *Pickering & Haldanes Steam Srauling Co. Ltd.*

Gross Tonnage *205.20*

Length on deck from after part of stem to fore part of stern post *135.49*

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

Less Crew Space *12.55*

2nd Number *6156*

Residence *Hull*

Less above Crown of Engine Room *144.62*

Proportions—Breadths to Length *5.92*

Port belonging to *Hull*

Engine Room *114.42*

Depths to Length—Main Deck to top of Keel *10.05*

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

Navigation Spaces *136.8*

Destined Voyage *Yokohama*

Register Tonnage *114.42*

NGTH on Deck as	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with Flat laid
er Rule	135	5 1/4	Moulded	22	10 1/2	Top of Floors to top of Main Deck Beams	12	2	One

Dimensions of Ship per Register, Length, *136.8* breadth, *22.95* depth, *12.07* Moulded Depth, *13* ft. *0* ins. Round of Beam, Actual *7* ins.

FRAMING.			FORGINGS AND CASTINGS.		
Inches in Ship.			Inches in Ship.		
NAME, Angles, <i>7</i> , <i>E</i> or <i>L</i> Bars, for $\frac{1}{2}$ length amidships			KEEL, Bar or Side Plates depth and thickness		
Do. for $\frac{1}{2}$ at each end			STEM, moulding and thickness		
Do. in way of Double Bottoms at Solid Floors			STERN-POST for Rudder do. do.		
acing of Frames from centre to centre			for Propeller		
EVERSED FRAME, Angles			MAIN PIECE of Rudder, diameter at head		
EEP FRAMING, depth of girder			do. at heel		
DOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships			RUDDER, how constructed <i>Straight iron frame. 2 plates.</i>		
in way of Engines and Boilers			Can the Rudder be unshipped afloat? <i>Yes</i>		
thickness at the ends of vessel			KEELSONS AND STRINGERS.		
depth at $\frac{1}{2}$ the half breadth, as per Rule			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		
height extended at the Bilges			Rider Plate		
DOORS & BRACKETS, in Cell Dble Bottoms			Bulb Plate to Intercoastal Keelson		
state if flanged (top & bottom)			Horizontal Plates on Floors		
Spacing			Angles		
CENTRE GIRDER, in Double Bottom, depth and thickness			SIDE KEELSON, Angles		
Angles, Top			Bulb or Plate above floors for lng.		
Angles, Bottom			Intercoastal Plate for length		
DE GIRDERS, number on each side & thickness			Attached to outside plating with Angle		
state if flanged (top & bottom)			BILGE KEELSON, Angles		
Angles			Bulb or Plate above floors for lng.		
MARGIN PLATE, depth (exclusive of flange) and thickness			Intercoastal Plate for length		
Angles to Outside Plating			Attached to outside plating with Angle		
Floors			BILGE STRINGER Angles		
Height of Floors at the Bilges			Bulb Plate for length		
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake			Intercoastal Plate for length		
thickness in Engine and Boiler space			Attached to outside plating with Angle		
Remainder in Holds			SIDE STRINGER Angles		
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb			Bulb or Intercoastal Plate for lng.		
Angles on Upper Edge			Attached to outside plating with Angle		
Spacing			Main and Raised Quarter Deck Stringer Plate, breadth and thickness		
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb			Angle on ditto		
Angles on Upper Edge			Tie Plates, outside Hatchways		
Spacing			Diagonal Tie Plates on Bms., No. of Pairs		
BEAMS, Hold, Plate or Tee Bulb			Main Dk* Iron or Steel for lng.		
Angles on Upper Edge			R. Q. Dk* Iron or Steel for lng.		
Spacing			Wood Deck, Material & thickness		
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb			Lower Deck Stringer Plate, breadth and thickness		
Angles on Upper Edge			Angles on ditto, No.		
Spacing			Tie Plates, outside Hatchways		
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb			Deck* Material and thickness		
Angles on Upper Edge			Hold Stringer Plate		
Spacing			Angles on ditto, No.		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb			Poop Deck Stringer Plate, breadth & thickness		
Angles on Upper Edge			Angle on ditto		
Spacing			Tie Plates		
MILLARS, In 'tween Decks, Size and Spacing			Deck, Material and thickness		
Hold			Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness		
Quarter, 'tween Dks.,			Angle on ditto		
in Hold			Tie Plates		
WEB FRAMES, In Fore Body, No. and Spacing			Deck, Material and thickness		
Brdth. & Thickness			Forecastle Deck Stringer Plate, brdth & thcknss		
No. of Side Stringers			Angle on ditto		
WEB FRAMES, In E. & B. Space, No. & Spacing			Tie Plates		
Brdth. & Thickness			Deck, Material and thickness		
WEB FRAMES, In After Body, No. and Spacing			PARTITION		
Brdth. & Thickness			LONGITUDINAL		
No. of Side Stringers			Are the outside Plates doubled two spaces of Frames in length? <i>Diamond plating</i>		
Size of Angles or Tee Bars to Web Frames			Are the Stance Valves and Watertight Doors in efficient working order? <i>Yes</i>		
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness					

PLATING.										RIVETING.																			
AS IN SHIP.					PER RULE OR AS APPROVED.					LOWER EDGES.					BUTTS.														
STRAKES.					AMIDSHIP.					Single or Double.					Double or Triple.														
Breadth.					Thickness.					Breadth.					Thickness.														
FLAT PLATE KEEL (If Bar Keel, state Riveting)										32 9 7 7 32 9										1 5									
GABBOARD OR A STRAKE										32 9 7 7 32 9										1 5									
State actual thickness in way of Double Bottom.										32 9 7 7 32 9										1 5									
B										32 9 7 7 32 9										1 5									
C										32 9 7 7 32 9										1 5									
D										32 9 7 7 32 9										1 5									
E										32 9 7 7 32 9										1 5									
F										32 9 7 7 32 9										1 5									
G										32 9 7 7 32 9										1 5									
H										32 9 7 7 32 9										1 5									
J										32 9 7 7 32 9										1 5									
K										32 9 7 7 32 9										1 5									
L										32 9 7 7 32 9										1 5									
M										32 9 7 7 32 9										1 5									
N										32 9 7 7 32 9										1 5									
O										32 9 7 7 32 9										1 5									
P										32 9 7 7 32 9										1 5									
DOUBLING OF FLAT PLATE KEEL										32 9 7 7 32 9										1 5									
Length of Bilges										32 9 7 7 32 9										1 5									
Length of Sheerstrakes										32 9 7 7 32 9										1 5									
Length of Strake below										32 9 7 7 32 9										1 5									
POOP SIDES										32 9 7 7 32 9										1 5									
RAISED QUARTER DECK SIDES										32 9 7 7 32 9										1 5									
BRIDGE SIDES										32 9 7 7 32 9										1 5									
FORECASTLE SIDES										32 9 7 7 32 9										1 5									
LENGTHS OF PLATING										32 9 7 7 32 9										1 5									
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. <i>Mild Steel.</i>																													
Butts, treble riveted for <i>full</i> length amidship.																													
Straps, single, double or overlapped for <i>full</i> length amidship.																													
Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? <i>J & D.</i>																													
Inner Bottom Plating, riveting of Edges <i>Butts</i>																													
Centre Girder Butts, <i>Butts</i> riveted. <i>Keelson Butts, Treble</i> riveted.																													
Frames, riveted through Plates with <i>2 1/2</i> in. Rivets, about <i>5</i> apart.																													
Rivets, state whether of Iron or Steel <i>Iron</i>																													
Has the Steel been tested as required by the Rules <i>Yes</i>																													
FRAMES extend in one length from <i>Keel</i> to <i>gunwale</i> state if ordinary or joggled <i>Ordinary</i>																													
REVERSED FRAMES on floors and frames extend from <i>across top of floors (single angle frame)</i> state if ordinary or joggled <i>Ordinary</i>																													
MASTS, SPARS, &c.																													
Material. Total length. At Partners. Heel. Hounds. Head.																													
Lower Masts: Fore <i>Pine 56-0 14</i> , Main <i>Steel 33-0 12</i> , Mizzen <i>Steel 33-0 12</i>																													
Bowsprit <i>Yes</i>																													
Topmasts, Yards and Remainder of Spars <i>Pine</i>																													
Rigging, Material and Size, Shrouds <i>Steel wire</i>																													
Sails. <i>On</i> Suit of Sails and the following spare sails <i>Stays, Backstays</i>																													
Equipment No. <i>Letter</i> Tonnage U.D. or Plating No. for Trawlers <i>6156</i>																													
ANCHORS. Equipment as approved for service beyond Table 22.																													
Number of Certificate. Anchors. Weight, Ex Stock. Weight of Stock. Test, per Certificate. Weight required by Table 22. Description of Anchor. Makers. Where and when tested and Superintendent.																													
2002 1st Bower # <i>2 2 1/2 12 9 15 0 14 7 2 0 0 0 0 0 0 0 0 0 0 0 0</i>																													
2001 2nd " # <i>2 2 1/2 12 9 15 0 14 7 2 0 0 0 0 0 0 0 0 0 0 0 0</i>																													
2000 3rd " # <i>2 2 1/2 12 9 15 0 14 7 2 0 0 0 0 0 0 0 0 0 0 0 0</i>																													
Stream <i>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</i>																													
Kedge <i>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</i>																													
# These cast steel anchor heads were tested and approved for by C.E. Perrins																													
CHAIN CABLES.																													
Number of Certificate. Length and size supplied. Test per Certificate. Weight of Chain Cable. Length & size per Table 22. Description. Makers of Cables. Where and when tested and Superintendent.																													
42026 120 1 3/4 22 3/4 34 7/8 45 0 1/4 44 2 1/2 120 1 3/4 <i>Steel John Brown L.P.N. 11-6-07</i>																													
Iron Steam Chain or Steel Wire <i>Yes</i>																													
HAWERS AND WARPS.																													
Material. Length and size supplied. Breaking Test of Steel Wire. Length and size per Table 22.																													
TOWLINE <i>60 6 60 6</i>																													
HAWERS & WARPS <i>60 5 60 5</i>																													
Boats <i>One</i>																													
Pumps, Number <i>Four</i> Diameter of Barrel <i>6 1/4</i> State whether they are in efficient working order <i>Yes</i>																													
Windlass is by <i>Bennett & Sons (Steam)</i> Capstan <i>Yes</i>																													
Engine Room Skylights—How constructed? <i>Plates and angles</i>																													
What arrangements for deadlights in bad weather? <i>Steel flaps and bullseyes</i>																													
Coal Bunker Openings—How constructed? <i>Cast iron</i> How are lids secured? <i>Secured</i> Height above deck? <i>8 ft.</i>																													
Number of Scuppers, and number and dimensions of Freeing Ports, &c. <i>One each side, 6 scuppers, 3 ports 18 x 9 and 2 ports 18 x 9</i>																													
Ceiling in Holds, thickness and material <i>2" pine</i> Cargo Battens, thickness and material <i>2" pine</i>																													
Cargo Hatchways—How formed? <i>Plates and angles</i> Hatches—If strong and efficient? <i>Yes</i>																													
State size No. 1 Hatch (Forward) <i>3-4 x 3-4</i> No. 2 Hatch <i>3-4 x 3-4</i> No. 3 Hatch <i>3-4 x 3-4</i> No. 4 Hatch <i>3-4 x 3-4</i>																													
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch																													
Bulwarks, height above deck and description <i>3-6 x 4-6</i> No. of Breasthooks <i>Four</i> No. of Crutches <i>One supplied</i>																													
Main Rail and Stays, material and size <i>6 x 3 1/2 Steel R.A.</i>																													
The above is a correct description.																													
Builder's Signature (here only) <i>Bochnan & Sons</i> Surveyor's Signature <i>Allison B. Wilson</i>																													
Surveyor to Lloyd's Register of British and Foreign Shipping.																													

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? *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)? *Straps* State results of tests *✓*Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Straps* 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 letters of the above dates, and in general conformity to the Rules for this class contemplated.

Accompanying this Report. Plans of Midship Section, Profile and Decks. Pumping arrangements. and Report on Ship's Joining

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 *2-2* ft., Bridge Dk. *✓* ft., F'castle *21-0* 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 Rk.*

Official No. *✓*; 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, <i>✓</i>			Fore peak tank, <i>✓</i>		
Double bottom, under Engines and Boilers, <i>✓</i>			After peak tank, <i>✓</i>		
Double bottom, if under Engines only, <i>✓</i>			Deep tank, aft, <i>✓</i>		
Double bottom, if under Boilers only, <i>✓</i>			Deep tank, forward, <i>✓</i>		
Double bottom, forward, <i>✓</i>			Other tanks, if fitted, <i>✓</i>		

* 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. *1142* Dates of Surveys held while building *Mar. 22, 27, Apr. 9, 12, 16, 19, 23, 25, 30, May 3, 7, 13, 17, 22, 29, Jun. 4, 11, 14, 20, 25, 27, Jul. 4, 9, 14, 30, 31, Aug. 15, 17, 22, 24, 29, 31.*

No. *403* in builder's yard

Total No. of Visits *32*

The amount of Entry Fee *£ 2 : - : -* Fees applied for, *19*

Special *£ 12 : 15 : -* Received by me, *1907*

Travelling Expenses, if any *£ - : 15 : 10*

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

I am of opinion this Vessel should be Classed *100A1, Steam Sailing*

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 *FRI. 13 SEP 1907*

Character assigned *100A1 S/S*

Stm. Trawler

Lloyd's atcp + Lmc 8.07

Wark/Hul