

With or Without
Disconnected Erections.

STEEL STEAMER.

TUE. JAN. 13. 1914

Received at London Office

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

Date of completion of report *24th Dec. 1913.*

Port of Hull

Survey held at *Dilley*

Date, First Survey *Aug 26th*

Last Survey

No. *27083*
19th 191*3*

On the (State if Single, Twin, or Triple Screw) *S.S. "ONYX"*

TONNAGE under 226.32

Tonnage Deck

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage 248.18

Less Crew Space 21.77

Less above Crown of

Engine Room

TONNAGE FOR FEES. 226.41

Less Engine Room 119.41

Less Navigation Spaces 9.30

Register Tonnage 97.70

CLASS *Steam Trawler*

Breadth (greatest moulded) 21.85

Depth, at middle of length from top of keel to top of upper deck beams at side 13.00

Transverse Number 34.85

Length on deck from fore part of stem to after part of stern post 121.66

Longitudinal Number 4239

Depth "d," at middle of length (See Secs. 2 & 13) 11.66

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 9.35

" " Long Bridge Deck Beam at side to top of keel

Master *J. Lown*

Year of appointment

Built at *Dilley*

When built *1913*

By whom built *Cochrane & Sons. Ltd*

Owners *The Kingston Steam Trawling Co. Ltd.*

Managers

Residence *Hull*

Port belonging to *Hull*

Destined Voyage *Fishing*

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

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
121	8		21	10 1/2		12	3		One	One

Dimensions of Ship per Register, Length 121.9 breadth 22.15 depth 12.25. Moulded depth, ft. 13 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 7 ins.

FRAMING.						PILLARS.						KEELSONS & STRINGERS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, or Bars amidships	4	3	40	4	3	40	PILLARS, In 'tween Deck, size and spacing	✓									
Do. in peaks							" " Hold	2 1/4				As arranged					
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	20	✓			20		KEELSONS & STRINGERS.										
" " " " from 1/2 length to Collision bulkhead	10 and 20	✓			As plan.		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	7 1/2		43	7 1/2		43				
" " " " in peaks	2 1/2	2 1/2	25	2 1/2	2 1/2	25	" Rider Plate	✓									
EVERSED FRAME, Angles	2 1/2	2 1/2	25	2 1/2	2 1/2	25	" Flat Plate Keel Angles	✓									
Do. in way of Double Bottoms at Solid Floors	✓						" Horizontal Plates on Floors	✓									
" " at intermdt. Bkts.	✓						" Angles or Bulb Angles	4	3	43	4	3	43				
FRAMING, depth of girder	4				4		SIDE KEELSONS, Number	✓									
LOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	16		37	16	37		" Angles or Bulb Angles	✓									
" in way of Engine and Boiler Spaces	E 50	13	43	✓	50	43	" Plate above floors, for length	✓									
" thickness at the ends of vessel			31	✓	31		" Intercoastal Plate, for length	✓									
" depth at 1/2 the half breadth, as per Rule	Straight across						" Attached to outside Plating with Angle	✓									
" height extended at the Bilges	As plan.						BILGE KEELSON, Angles (One)	5	4	40	5	4	40				
LOORS 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 (One)	5	4	40	5	4	40				
ENTRE 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)	50	31	50	31						
" Brackets at intermdt. frmg., wdth & thknss	✓						" " " " br'dth & thickness (in way of Bridge)	3 x 3	37	3 x 3	37						
DE GIRDERS, number on each side & thickness	✓						" " " " Angle (clear of Bridge)	8	37	8	37						
" state if flanged (top and bottom)	✓						" " Tie Plate at sides of Hatchways	35	37	35	37						
" " Angles (top and bottom)	✓						" Deck * Iron or Steel, for lng.	✓									
" " to Floors	✓						" " Thickness (clear of Bridge)	✓									
MARGIN PLATE, depth (exclusive of flange) and thickness	✓						" " (in way of Bridge)	✓									
" " Angles to Outside Plating	✓						" Wood Deck, Material & thickness	3	✓		3						
" " 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	✓									
NER 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	✓									
AMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	50	5	3	50	" Angles on ditto, No.	✓									
" In way of Long Bridge							" Tie Plates, outside Hatchways	✓									
" Spacing	40	✓			40		" Deck * Material and thickness	✓									
AMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓						Fourth and Fifth Deck Stringer Plate, breadth & thickness	✓									
" Spacing	✓						" " Angles on ditto, No.	✓									
AMS, 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	✓									
AMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓						" Angle on ditto	✓									
" Angles on upper edge	✓						" Tie Plates	✓									
" Spacing	✓						" Deck, Material and thickness	✓									
AMS, 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	✓									
AMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	3	40	4	3	40	" Deck, Material and thickness	✓									
" Angles on upper edge	✓						Forecastle Deck Stringer Plate, br'dth & th'kns	✓		31		31					
" Spacing	24				24		" Angle on ditto	✓									
" " " " " " " "	✓						" Tie Plates	✓									
" " " " " " " "	✓						" Deck, Material and thickness	✓		31		31					

WEB FRAMES.				FORGINGS & CASTINGS.			
Inches in Ship.				Inches per Rule.			
WEB-FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness <i>Full plate</i> $4\frac{1}{2} \times 1\frac{1}{4}$			
" " " " brdth. & thickness				STEM, moulding and thickness $4\frac{1}{2} \times 1\frac{1}{4}$			
" " " " No. of Side Stringers				STERN-POST for Rudder do. do. 6×3			
WEB-FRAMES, In E. & B. Space, No. & spacing				" " " " for Propeller 6×3			
" " " " brdth. & thickness				RUDDER-A x D Table 22. Speed <i>Under 10 knots</i> 56.87			
WEB-FRAMES, In After Body, No. and spacing				" " " " Main-Piece, diameter at head $4\frac{1}{2}$			
" " " " brdth. & thickness				" " " " at heel $3\frac{1}{2} \times 3$			
" " " " No. of Side Stringers				" " " " $2\frac{3}{4} \times 2\frac{1}{4}$			
Size of Face Angles to Web-Frames				RUDDER, how constructed <i>Forged iron frame</i>			
BRACKET PLATES to Stringers between Web Frames, depth and thickness				" Thickness of Plates <i>Single Plate .26</i>			
				Can the Rudder be unshipped afloat? <i>Yes</i>			
				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. <i>Mild Steel. South Durham, Corsett, Cargo & Palmers.</i>			
				Has the Steel been tested as required by the Rules? <i>Yes</i>			

PLATING.										RIVETING.									
AS IN SHIP.										PER RULE OR AS APPROVED.									
STRAKES.										EDGES.									
AMIDSHIP.										BUTTS.									
Breadth. Thickness. Thickness. Thickness. Breadth. Thickness.										Single or Double. Breadth of Lap. Rivets. Rivets. Rivets. Rivets. Rivets. Rivets.									
Inches. Inches. Inches. Inches. Inches. Inches.										Inches. Inches. Inches. Inches. Inches. Inches.									
FLAT PLATE KEEL (If Bar Keel, state Riveting.)										Double or Treble and for what Length.									
GARBOARD OF A STRAKE										Diam. Spacing or to Rivets. Rivets. Rivets. Rivets. Rivets. Rivets.									
B " 32 $4\frac{1}{2}$ 37 37 32 43										Inches. Inches. Inches. Inches. Inches. Inches.									
C " 43 37 37 37 43										Inches. Inches. Inches. Inches. Inches. Inches.									
D " 37 37 37 37 37										Inches. Inches. Inches. Inches. Inches. Inches.									
E " 43 37 37 37 43										Inches. Inches. Inches. Inches. Inches. Inches.									
F " 37 37 37 37 37										Inches. Inches. Inches. Inches. Inches. Inches.									
G " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
H " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
I " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
J " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
K " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
L " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
M " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
N " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
O " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
P " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
Q " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
R " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
S " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
T " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
U " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
V " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
W " 39 56 37 37 39 56										Inches. Inches. Inches. Inches. Inches. Inches.									
THICKNESS OF SHEET PILE										THICKNESS OF SHEET PILE									
CLEAR OF LONG BRIDGE										CLEAR OF LONG BRIDGE									
DO. OF STRAKE BELOW										DO. OF STRAKE BELOW									
DBLG. of Flat Plate Keel										DBLG. of Flat Plate Keel									
" Sheerstrakes										" Sheerstrakes									
Length and thickness										Length and thickness									
POOP SIDES										POOP SIDES									
SHORT BRIDGE SIDES										SHORT BRIDGE SIDES									
FORECASTLE SIDES										FORECASTLE SIDES									

MASTS, SPARS, &c.									
LOWER MASTS									
Fore $40-9$									
Main $32-9$									
Mizen $32-9$									
Bowsprit									
Topmasts, Yards and Remainder of Spars <i>Pitch Pine</i>									
Rigging, Material and Size, Shrouds <i>Sails 1 wire, fore 3" Mizen 2 1/4"</i>									
Sails, <i>On</i> Suit of Sails, and the following spare sails									

EQUIPMENT No. ✓										ANCHORS.										TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS 4239.									
Number of Certificate.										Description of Anchor.										Where and when tested and Superintendent.									
41399 1st Bower										41398 2nd										41397 3rd									
41396 4th										41395 5th										41394 6th									
Collective weight										Stream										Kedge									
CHAIN CABLES.										HAWERS AND WARPS.																			
Number of Certificate.										Description.										Material.									
42693 90%										42692 90%										42691 90%									
Iron Stream										Chain or Steel Wire										Hawser									
Boats One										Pumps, Number										Steering Gear, Steam									
Windlass is <i>By Remond & Sons (Alton)</i>										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									
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch										No. of Breasthooks										No. of Crutches									
Bulwarks, height above deck and description										Main Rail, material and size										The foregoing is a correct description.									
Builder's Signature <i>J.M. Cochrane</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 (References should be made in any correspondence connected with the case) (M.) 20-6-13.																													
Workmanship. Are the butts of plating planed or otherwise fitted? <i>Planed</i>																													
Is the riveted work properly closed? <i>Yes</i>																													
Are the liners between the frames and plates solid single pieces? <i>Yes</i>																													
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? <i>Yes</i>																													
Are the rivets break into or through the seams or butts of the plating? <i>A few</i>																													
Are the butts of Plating, Stringers, &c., properly shifted and strapped? <i>Yes</i>																													
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? <i>Yes</i>																													
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? <i>Yes</i>																													
General Remarks (State quality of workmanship, &c.) <i>Workmanship good</i>																													
This vessel has been built in accordance with the approved plans, the Secretary's letters of the above date and in general conformity to the Rules for the class contemplated.																													
Accompanying this Report: Plans of Midship Section, Profile and Decks, and Pumping Arrangements, and a Report on Ships Forging.																													
The Surveyor should state the Number of Report and Name of any Sister Vessel.																													
The amount of Entry Fee £ 2 : 0 : 0																													
Special Survey Fee £ 11 : 6 : 0																													
Travelling Expenses, if any £ - : 16 : 8																													
State whether the Vessel has been built under Special Survey <i>Yes</i>																													
I am of opinion this Vessel should be Classed <i>100A1 Steam Trawler</i>																													
With, or without Freeboard, as condition of Class <i>Without</i>																													
Committee's Minute <i>FRI. JAN. 16. 1914</i>																													
Character assigned <i>100A1 Steam Trawler</i>																													
Lloyd's Reg. P. <i>+LMB 1.14</i>																													

GENERAL REMARKS—(continued).

* The fish holds are insulated with Noels Insulation (which is composed of cork and portland cement) from the Portland Cement on the bottom to the deck.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 70.0 ft., Bridge ✓ ft., Forecastle 20.0 (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 should appear in the Register Book) *IDK.*

Official No. 136167 ; 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, ✓		
			(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. 2023

Date

5/7/13

No.

581

in builder's yard.

DATES of Surveys held while building

1913:—Aug 26. Sep 2, 3, 10, 12, 16, 23, 26, 30. Oct 14, 16, 21, 27, 29, 31. Nov 4, 14. 1921:—2, 5, 28. Dec 4, 10, 15, 16, 17, 18, 19

Total No. of Visits 29

Surveyor's Signature Allison G. Wilson