

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office THU. FEB. 27. 1913

Date of completion of report 1st February 1913.

Survey held at Hull

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

Port of Hull

Date, First Survey

Oct 4th

Last Survey

No. 25908 Feb. 18th 1913.

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

" DIAMOND.

Rig Ketch.

TONNAGE under Tonnage Deck... 253.41

CLASS 100A1.

FEET.

Master Harry Nauls

Year of appointment

(1) As Master in service of owner of present vessel: 1892
(2) As Master of this vessel: 1913

Do. between Tonnage Dk. and 3rd and 4th Dk. Total under Upper Dk.

Breadth (greatest moulded) 22.87

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

Transverse Number 35.87

Length on deck from fore part of stem to after part of stern post 133.33

Longitudinal Number 4782

Depth "d," at middle of length (See Secs. 2 & 13) 11.67

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 10.25

" Long Bridge Deck Beam at side to top of keel

Built at Hull

When built 1912-13 Launched 10th Dec: 1912

By whom built Cochrane & Sons, Ltd.

Owners The Kingston Steam Trawling Co. Ltd.

Managers

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

Residence Hull.

Port belonging to Hull.

Gross Tonnage 259.15

Less Crew Space 23.14

Less above Crown of Engine Room 12.18

TONNAGE FOR FEES 253.83

Less Engine Room 140.68

Less Navigation Spaces 10.22

Less Crown of Engine Room 12.18

Register Tonnage 115.11

Destined Voyage Fishing

If Surveyed while Building, 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
133	4	22	10 1/2	Do.	Do.	Do.	Do.	Do.	One	One
Moulded depth, ft. 13 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 7 ins.										

Dimensions of Ship per Register, Length 133.5 breadth 23.05 depth 12.25

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or End Bars amidships	4	3	8	4	3	8
Do. in peaks						
Do. in way of Double Bottoms at Solid Floors						
" " at intermdt. Bkts.						
Spacing of Frames from centre to centre amidships	20			20		
" " length to Collision bulkhead	10	and 20		See plan		
" " in peaks	2 1/2	2 1/2	5	2 1/2	2 1/2	5
REVERSED FRAME, Angles						
Do. in way of Double Bottoms at Solid Floors						
" " at intermdt. Bkts.						
FRAMING, depth of girder	4			4		
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	16		5/16	16		5/16
" in way of Engine and Boiler Spaces			3/16			3/16
" thickness at the ends of vessel			5/16			5/16
" depth at 1/2 the half breadth, as per Rule	Straight across					
" height extended at the Bilges	See plan					
FLOORS in Cell. Double Bottoms						
" state if flanged (top & bottom)						
" Spacing of Solid floors						
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness						
" Angles, Top						
" " Bottom						
" " to Floors						
Brackets at intermdt. frmg., wdth & thkns						
SIDE GIRDERS, number on each side & thickness						
" state if flanged (top and bottom)						
" Angles (top and bottom)						
" " to Floors						
MARGIN PLATE, depth (exclusive of flange) and thickness						
" Angles to Outside Plating						
" " Floors						
Brackets at intermdt. frmg., wdth & thkns						
Height of Outside Brackets above at bilge						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						
" in Engine and Boiler space						
" Remainder in Holds						
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	6	3	9	6	3	9
" In way of Long Bridge						
" Spacing	40			40		
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel						
" Spacing						
BEAMS, Third and Fourth Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Poop Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Bridge Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Forecastle Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	4	3	6	4	3	6
" Angles on upper edge						
" Spacing	26 1/2			26 1/2		

PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS, In 'tween Deck, size and spacing						
" " Hold						
" " Quarter 'tween Dks.						
" " in Hold						
KEELSONS & STRINGERS.						
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	8 1/2		10	8 1/2		10
" Rider Plate						
" Flat Plate Keel Angles						
" Horizontal Plates on Floors						
" Angles or Bulb Angles	5	3	10	5	3	10
SIDE KEELSONS, Number						
" Angles or Bulb Angles						
" Plate above floors, for length						
" Intercoastal Plate, for length						
" Attached to outside Plating with Angle						
BILGE KEELSON, Angles	5	4	8	5	4	8
" Intercoastal Plate for length						
" Attached to outside Plating with Angle						
SIDE STRINGERS, Number						
" " Angle	5	4	8	5	4	8
" Intercoastal Plate, for length						
" Attached to outside plating with Angle						
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	50		5/16	50		5/16
" " " br'dth & thickness (in way of Bridge)	3 x 3		5/16	3 x 3		5/16
" " Angle (clear of Bridge)	8		.32	8		.32
" Tie Plate at sides of Hatchways						
" Deck * Iron or Steel, for lng.	.37		.25	.37		.25
" Thickness (clear of Bridge)						
" " (in way of Bridge)						
" Wood Deck. Material & thickness	3			3		
Second Deck Stringer Plate, br'dth & thickness						
" Angles on ditto, No.						
" Tie Plates outside Hatchways						
" Deck * Iron or Steel, for lng.						
" Wood Deck. Material & thickness						
Third Deck Stringer Plate, br'dth & thickness						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Deck * Material and thickness						
Fourth and Fifth Deck Stringer Plate, breadth & thickness						
" Angles on ditto, No.						
" Tie Plates outside Hatchways						
" Deck. Material & thickness						
Poop Deck Stringer Plate, breadth & thickness						
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness						
Bridge Deck Stringer Plate, br'dth & thickness						
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness						
Forecastle Deck Stringer Plate, br'dth & th'kns						
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness						

[illegible]

EQUIPMENT No.				LETTER				ANCHORS.				Tonnage T.D.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.		Anchors.		WEIGHT, E.K. STOCK.		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.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
40036	1st Bower ...	7	3	0	Stichlers	9	15	0	14	7	2	0	Jaylors & Co. Ltd.	A. H. T.	19-11-12
40037	2nd " ...	7	1	10	"	9	11	2	7	7	0	0	"	"	"
40024	3rd " ...	3	1	0	"	3	14	5	14	3	0	0	"	"	"
	4th " ...														
	Collective weight														
	Stream	✓													
	Kedge	✓													

CHAIN CABLES.				HAWSERS AND WARPS.																	
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.	
Fathoms.	Inches.	Tons.	Breaking Load.	Cwts.	qrs.	lbs.	Fathoms.	Inches.						Fathoms.	Inches.	Tons.	Fathoms.	Inches.			
41225	120 1/2	1 1/2	22 3/4	34 1/2	50-1-12	77.5	120	1 1/2	Sink	A. Jaylors & Co. Ltd.	H. P. H. T.	21-11-12	C. S. Parsons, Supr.	2 Sink of 120 fms. of 1 1/2 inch, each hawser & warp Manila	300	2 3/4	15 1/2	60	6	60	5

Boats: One

Pumps: Number 10

Windlass: Is by Remond & Sons (Steam)

Engine Room Skylights: How constructed? Plate and angles

Coal Bunker Openings: How constructed? Plate and angles

Scupperns: Number of Scupperns, and numbers and dimensions of Freeing Ports, &c. On each side 5 Scupperns, (1) Port 24 x 12, (4) Ports 18 x 9

Ceiling in Holds: thickness and material 2" pine

Cargo Hatchways: How formed? Plate and angles

Hatches: If strong and efficient? Yes. 3' Solid

No. 1 Hatch (Forward): 3-1 x 3-1

No. 2 Hatch: 3-1 x 3-1

No. 3 Hatch: 3-1 x 3-1

No. 4 Hatch: 3-1 x 3-1

No. 5 Hatch: 3-1 x 3-1

Bulwarks: height above deck and description 3-7 x 6-1/2

Main Rail: material and size 7 x 3 x 3/8 Steel Bull Angle

No. of Breasthooks: Four

No. of Crutches (and dup. floors): None

Builder's Signature: A. B. Wilson

Surveyor's Signature: Allison B. Wilson

Correspondence: State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) (M.) 24-9-12.

Workmanship: Are the butts of plating planed or otherwise fitted? Planed.

Are the rivets work properly closed? 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. 26, par. 20)? Traverser State results of tests ✓

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Traverser 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 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, Pumping Arrangements, and a Report on Ships Fittings.

This is practically a sister vessel to the "Valia" and "Lord Carington". etc. Hull Reports Nos 25591 and 25511, etc.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

The amount of Entry Fee £ 2 : 0 : 0 / 26/2/1913

Special Survey Fee £ 12 : 14 : 0 / Received by me, 28/2/1913

Travelling Expenses if any £ - : 18 : 8 / 28/2/1913

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

Character assigned

FRI FEB 20 1913

100A1

Steam Trawler

Lloyds L.S.B. Co

Allison B. Wilson

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

+ L.N.B. 2.13

GENERAL REMARKS—(continued).

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Length a

POOP SIDE

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FORECAST

Upper

Stringer

Second

Stringer

FRAMES

REVERSE

LOWER MA

Bowsprit

Topmasts

Rigging, M

Sails

PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Poop ✓ ft., R.Q.D. 72.66 ft., Bridge ✓ ft., Forecastle 19.5 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) ✓ I.D.R.

Official No. 133422; 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. 1976

Date

8/10/12

No. 552 in builder's yard.

DATES OF SURVEYS held while building

1912: Oct 4. 10. 15. 18. 28. 31. Nov 8. 13. 19. 21. 25. 29 Dec 4. 5. 11. 16. 19. 23
1913: Jan 3. 8. 15. Feb 7. 10. 11. 13. 15. 18.

Total No. of Visits 27

Surveyor's Signature

Allison B. Wilson

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