

With or Without  
Disconnected Erections.

STEEL STEAMER.

Received at London Office. WED. OCT. 22. 1913

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

Date of completion of report *28th October 1913*

Port of *Hull*

Date, First Survey *May 2nd*

Last Survey *Oct. 11th*

No. *26829*

1913.

Survey held at *Billy*

*S.S. "ELF KING"*

Rig *Ketch*

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

TONNAGE under *253.44*

CLASS *\*100A1.*

FEET.

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

Breadth (greatest moulded) *22.88*

Total under Upper Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side *13.75*

Do. of Poop

Transverse Number *35.63*

Do. of R.Q.Dk.

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

Do. of Bridge House

Longitudinal Number *4750*

Do. of Forecastle

Depth "d" at middle of length (See Secs. 2 & 13) *11.42*

Do. of Houses on Dk.

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *10.45*

Do. of excess of Hatchways

Long Bridge Deck Beam at side to top of keel *✓*

Do. above Crown of Engine Room

Gross Tonnage *258.79*

Less Crew Space *22.55*

Less above Crown of Engine Room *12.16*

TONNAGE FOR FEES *254.08*

Line Room *141.08*

Navigation Spaces *9.74*

Engine Room *12.16*

TONNAGE on Beam *115.42*

Destined Voyage *Tranva*

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

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
133	4	Moulded ....	22	10 1/2	Do. do. do. do.	Second Dk. Beams	12	0	On
									No. of Tiers of Beams On

Moulded depth, ft. *✓* ins. *✓* To Bridge Dk. Round of Upper *7* ins.  
To Upper Dk. Dk. Beam, Actual

Dimensions of Ship per Register, Length *133.4* breadth *23.05* depth *12.0* Moulded depth, ft. *12* ins. *9*

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.
E, Angles, or E or L Bars amidships				PILLARS, In 'tween Deck, size and spacing			
4	3	8 20	4	3	8 20	2 1/2 As arranged	
in peaks				" " Hold " " " "			
in way of Double Bottoms at Solid Floors				" Quarter 'tween Dks., " " " "			
" " at intermdt. Bkts.				" " in Hold " " " "			
" of Frames from centre to centre amidships				KEELSONS & STRINGERS.			
" " from #				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
" length to Collision bulkhead				" Rider Plate			
" " in peaks				" Flat Plate Keel Angles			
RESID FRAME, Angles				" Horizontal Plates on Floors			
2 1/2	2 1/2	4	2 1/2	2 1/2	4	" Angles or Bulb Angles	
in way of Double Bottoms at Solid Floors				SIDE KEELSONS, Number			
" " at intermdt. Bkts.				" Angles or Bulb Angles			
" " " "				" Plate above floors, for length			
" " " "				" Intercoastal Plate, for length			
" " " "				" Attached to outside Plating with Angle			
" " " "				BILGE KEELSON, Angles (Ann.)			
" " " "				" Intercoastal Plate for length			
" " " "				" Attached to outside Plating with Angle			
" " " "				SIDE STRINGERS, Number			
" " " "				" " Angle (Ann.)			
" " " "				" Intercoastal Plate, for length			
" " " "				" Attached to outside plating with Angle			
" " " "				Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)			
" " " "				" " " " " " br'dth & thickness (in way of Bridge)			
" " " "				" " " " " " Angle (clear of Bridge)			
" " " "				" " " " " " Tie Plate at sides of Hatchways			
" " " "				" Deck * Iron or Steel, for Machinery Space and Paints			
" " " "				" " " " " " Thickness (clear of Bridge)			
" " " "				" " " " " " (in way of Bridge)			
" " " "				" " " " " " Wood Deck. Material & thickness P. Pine			
" " " "				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			
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[illegible]

EQUIPMENT No. 1				ANCHORS				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS 4750																							
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE		WEIGHT REQUIRED BY TABLE 31		Description of Anchor.		Makers.		Where and when tested and Superintendent.															
69557		1st Bower		Cwts. lbs.		Cwts. lbs.		Tons. cwt. lbs.		Cwts. lbs.		Cwts. lbs.		J. L. Green		L.P.H. N. 17-6-13															
69558		2nd "		Cwts. lbs.		Cwts. lbs.		Tons. cwt. lbs.		Cwts. lbs.		Cwts. lbs.		J. L. Green		L.P.H. N. 17-6-13															
69545		3rd "		Cwts. lbs.		Cwts. lbs.		Tons. cwt. lbs.		Cwts. lbs.		Cwts. lbs.		J. L. Green		L.P.H. N. 17-6-13															
4th "		Collective weight		Cwts. lbs.		Cwts. lbs.		Tons. cwt. lbs.		Cwts. lbs.		Cwts. lbs.		J. L. Green		L.P.H. N. 17-6-13															
Stream		Kedge		Cwts. lbs.		Cwts. lbs.		Tons. cwt. lbs.		Cwts. lbs.		Cwts. lbs.		J. L. Green		L.P.H. N. 17-6-13															
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 Towing.		Length and size per Table 31.									
54259		105 1 1/2		20 3/4		60 2 1/2		105 1 1/2		Steel		J. L. Green		L.P.H. N. 27-6-13		H. L. Green, Sup.		2 1/2" Single Strand		350 2 1/2"		60 6									
Iron Stream		Chain or Steel Wire		Cir.		Cwts. lbs.		Cwts. lbs.		Cir.		Cir.		Cir.		Cir.		Cir.		Cir.		Cir.									
Boats One																															
Pumps, Number Four																															
Windlass is by Gemmell & Co. (Steam)																															
Engine Room Skylights.—How constructed? Plate and angle and																															
Coal Bunker Openings.—How constructed? Cast-iron air cap																															
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. On each side, 5 Scuppers, 5 freeing ports 18"x9"																															
Ceiling in Holds, thickness and material 2" pine																															
Cargo Hatchways.—How formed? Plate and angle																															
State size 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"																															
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 5																															
Bulwarks, height above deck and description 3'-8" x 6'-5"																															
The foregoing is a correct description. COCHRANE & SONS LTD.																															
Builder's Signature (here only) J. M. Cochrane																															
Surveyor's Signature Allison B. Wilson																															
Surveyor to Lloyd's Register of British and Foreign Shipping.																															
Correspondence.—State dates and initials of letters respecting this case (2) 14-3-13.																															
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 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)? 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.) Workmanship good.																															
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;—Photo prints of the approved plans of Midship Section, Profile and Decks, Pumping Arrangements, and a Report on Ships Gearing.																															
This is a Sister Vessel to the "Lord Lansdowne," "Shackleton," etc., Hull Reports No. 26457 and 26680, etc.																															
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..... £ 12 : 14 : 0																															
Travelling Expenses, if any £ - : 19 : 10																															
Fees applied for, 21-10-1913																															
Received by me, 23/10/1913																															
Certificate to be sent to Hull																															
Date of issue 1/11/13.																															
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.																															
Committee's Minute FRI. OCT. 24. 1913																															
Character assigned 100 A1																															
Stm Trawler																															
Shops 226 P.																															
+ 2mb. 10.13																															
W.																															

GENERAL REMARKS—(continued).

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ✓ ft., R.Q.D. 72.46 ft., Bridge ✓ ft., Forecastle 19.0 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) 1Pk

Official No. 133466 ; 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. 1991

Date \_\_\_\_\_

No. 369 in builder's yard.

DATES of Surveys  
held while building

1913: May 2. 7. 9. 15. 19. 23. Jun 4. 10. 16. 18. 26. July 1. 3. 5. 9. 11. 14. 18. 31. Aug 15. 17.  
Aug 22. 26 Sep 2. 3. 10. 12. 16. 29. Oct 11.

*Surveyor's Signature*

Allison B. Wilson

Total No. of Visits 30

Wilson's Register  
Foundation