

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office. MON MAR 23 1914

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

Date of completion of report *21st March 1914* Port of *Hull*
 Survey held at *Seley* Date, First Survey *Sep. 30th* Last Survey *Mar 9th 1914*
 On the (State if Single, Twin or Triple Screw) *Steam Trawler "ANGELUS"* Rig *Ketch*
 TONNAGE under *251.97*
 Tonnage Deck *12.12*
 Do. between Tonnage Dk. and 3rd and 4th Dk.
 Total under Upper Dk. *10.07*
 Do. of Poop
 Do. of R.A. Dk.
 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 *304.16*
 Less Crew Space
 Less above Crown of Engine Room
 Tonnage for Fees *304.16*
 Less Engine Room *135.01*
 Less Navigation Spaces *11.18*
 Register Tonnage *157.97*
 CLASS **100A1.*
 Master *C. Davidson*
 Year of appointment
 Built at *Seley*
 When built *1913-14* Launched *14th Dec 1913*
 By whom built *Cochran & Son, Ltd.*
 Owners *White & Williams*
 Managers
 Residence *Grimsby*
 Port belonging to *Grimsby*
 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
135	0		23	1 1/2		12	7		On	One
Moulded depth, ft. <i>13</i> ins. <i>4</i> To Bridge Dk. Round of Upper Dk. Beam, Actual <i>4</i> ins.										
Dimensions of Ship per Register. Length <i>135.2</i> breadth <i>23.3</i> depth <i>12.55</i>										
FRAMING.						PILLARS.				
FRAME, Angles, or <i>E or L</i> Base amidships						PILLARS, In 'tween Deck, size and spacing				
Do. in peaks	4	3	.43	4	3	" " Hold	"	"	2 1/2	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.				
" " " length to Collision bulkhead	10	and 20		20		CENTRE LINE KEELSON, Vertical Plate above				
" " " in peaks	2 1/2	2 1/2	.25	2 1/2	.25	floors, Through Plate, or Intercoastal Plate				
REVERSED FRAME, Angles	2 1/2	2 1/2	.25	2 1/2	.25	" Rider Plate				
Do. in way of Double Bottoms at Solid Floors						" Flat Plate Keel Angles				
" " " at intermdt. Bkts.						" Horizontal Plates on Floors	5	3	.43	5 3 .43
FRAMING, depth of girder	4			4		" Angles or Bulb Angles				
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	16		.37	16	.37	SIDE KEELSONS, Number				
" in way of Engine and Boiler Spaces			.43		.43	" Angles or Bulb Angles				
" thickness at the ends of vessel			.37		.37	" Plate above floors, for length				
" depth at 1/2 the half breadth, as per Rule	Straight across					" Intercoastal Plate, for length				
" height extended at the Bilges	As plan					" Attached to outside Plating with Angle				
FLOORS in Cell, Double Bottoms						BILGE KEELSON, Angles	5	4	.40	5 4 .40
" state if flanged (top & bottom)						" Intercoastal Plate for length				
" Spacing of Solid floors						" Attached to outside Plating with Angle				
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.						SIDE STRINGERS, Number				
" " Angles, Top						" " Angle	5	4	.40	5 4 .40
" " " Bottom						" Intercoastal Plate, for length				
" " " to Floors						" Attached to outside plating with Angle				
" Brackets at intermdt. frmg., wdth & thknss						Upper Deck Stringer Plate, br'dth & thickness				
SIDE GIRDERS, number on each side & thickness						(clear of Bridge)				
" state if flanged (top and bottom)						br'dth & thickness				
" Angles (top and bottom)						(in way of Bridge)				
" " to Floors						Angle (clear of Bridge)				
MARGIN PLATE, depth (exclusive of flange) and thickness						Tie Plate at sides of Hatchways				
" Angle to Outside Plating						Deck * Iron or Steel, for lng.				
" " Floors						Thickness (clear of Bridge)				
" Brackets at intermdt. frmg., wdth & thknss						(in way of Bridge)				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						Wood Deck, Material & thickness				
" " in Engine and Boiler space						Second Deck Stringer Plate, br'dth & thickness				
" " Remainder in Holds						Angles on ditto, No.				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	.56	5	3	Tie Plates outside Hatchways				
" In way of Long Bridge						Deck * Iron or Steel, for lng.				
" Spacing						Wood Deck, Material & thickness				
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Third Deck Stringer Plate, br'dth & 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 and thickness				
" Spacing						Fourth and Fifth Deck Stringer Plate, breadth & thickness				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Angles on ditto, No.				
" Angles on upper edge						Tie Plates outside Hatchways				
" Spacing						Deck, Material & thickness				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Poop Deck Stringer Plate, breadth & thickness				
" Angles on upper edge						Angle on ditto				
" Spacing						Tie Plates				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	3	.30	4	3	Deck, Material and thickness				
" Angles on upper edge	5	3	.40			Bridge Deck Stringer Plate, br'dth & thickness				
" Spacing						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				

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

EQUIPMENT No.				LETTER				ANCHORS.				CONTRACT V.D. OR PLATING No. FOR TRAWLERS					
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.	
15556	1st Bower	4	2 24	Steeles	9	15 0	14	7	2 0	Do	Do	Do	Do	Do	Do	Do	Do
15641	2nd "	7	0 14	"	9	7 0	21	7	0 0	Do	Do	Do	Do	Do	Do	Do	Do
15642	3rd "	3	3 6	"	6	3 0	14	3	3 0	Do	Do	Do	Do	Do	Do	Do	Do
	4th "																
	Collective weight																
	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 Towing.		Length and size per Table 31.		
14221	Fathoms	60 3	1 1/2	Tons	22 1/2	Tons	34 1/2	Tons	39 3/4	Tons	120 1 1/2	Atul	Not stated	L.P.H.-C.M. 23-12-13	TOWLINE	500	2 1/2	Fathoms	500	2 1/2	Tons	15 1/2	Fathoms	Ins.
	Ins.	45 3/4					48 2 1/4		74 3/4					S.C. Paul. Sup.	MANILLA	60	6		60	5		60	6	
	Ins.	135 3/4					87 2 1/4		97 3/8													60	5	
	Iron Stream Chain or Steel Wire																							

Boats Two Steering Gear, Steam ☒ Steering Gear, Hand Cochrane

Pumps, Number Five Diameter of Barrel 6" - 4" State whether they are in efficient working order Yes

Windlass is by Hammer & Sons Capstan ☒

Engine Room Skylights.—How constructed? Of Atul What arrangements for deadlights in bad weather? Atul & Kays & Huggins

Coal Bunker Openings.—How constructed? Cast iron rings How are lids secured? Secured Height above deck? Flush

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. On each side, 6 Scuppers, 13 freeing Ports 24 x 12, 4 Port 18 x 9

Ceiling in Holds, thickness and material 2" Pine Cargo Battsens, thickness and material ☒

Cargo Hatchways.—How formed? Plates and angles Hatches, If strong and efficient? Yes

State size No. 1 Hatch (Forward) 5'0" 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 ☒

No. of Breasthooks Four No. of Crutches One day floor

Bulwarks, height above deck and description 3' - 9" x 37' - 31" Main Rail, material and size 6" x 3" x 40 Atul B.R.

The foregoing is a correct description. COCHRANE & SONS LTD. Surveyor's Signature Allison A. Wilson

Builder's Signature (Here only) J.M. Cochrane Surveyor 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.) 21.5-13.

(S.) 17.9.13.

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

Is the riveted 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 faying surfaces? Yes Do any rivets break into or through the seams or butts of the plating? A few.

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 faying 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 dates, and in general conformity to the Rules for the class contemplated.

Accompanying this Report;—Plans of Midship Section, Profile and Deck, and Pumping Arrangements, and a Report on Ship's Fittings.

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 Fees applied for, 21-3-1914
Special Survey Fee.... £ 15 : 4 : 0 Received by me. 29/3/14
Travelling Expenses, if any £ 1 : 0 : 5

State whether the Vessel has been built under Special Survey Yes Certificate to be sent to Hull Date of issue 9/4/14.

I am of opinion this Vessel should be Classed *100 A1. "Steam Trawler". Allison A. Wilson
With, or without Freeboard, as condition of Class Without. Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute THU, APR. 9 - 1914
Character assigned 100 A1.
Steam Trawler.
Lloyd's A & C.P. + L.M.C. 3.14
J.M.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 73.83 ft., Bridge ✓ ft., Forecastle 19.5 (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) Dk.

Official No. 135996 ; Signal Letters ✓

State if Machinery is fitted aft

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. 2029

Date

27/8/13

No. 592 in builder's yard.

Dates of Surveys held while building

1913:—Sep 30. Oct 14. 16. 21. 27. 29. 31. Nov 4. 10. 15. 19. 21. 25. 28. Dec 4. 8. 11. 15. 19. 23. 29. 1914:—Jan 2. 7. 14. 15. 20. 22. 23. 27. 28. Feb 23. 24. 26. Mar 2. 9.

Surveyor's Signature

Allison B. Wilson

Total No. of Visits 35

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