

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office 31 JUN 1911

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

Date of completion of report *28.6.11*

Port of *Hull*

No. *23875*

Survey held at *Selly*

Date, First Survey *Nov 9th*

Last Survey *Jun 13th*

1911

On the

Steam Trawler "ORCADES"

Rig *Ketch*

TONNAGE under Tonnage Deck... *246.94*

CLASS *100A1 Steam Trawler*

Master *A. J. J. J.*

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

Breadth (greatest moulded)... *21.87*

Year of appointment *(1) As Master in service of owner of present vessel: 1911 (2) As Master of this vessel: 1911*

Total under Upper Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side... *13.33*

Do. of Poop

Transverse Number... *35.20*

Do. of R.Q.Dk.

Length on deck from fore part of stem to after part of stern post... *128.00*

Do. of Bridge House

Longitudinal Number... *4505*

Do. of Forecastle

Depth "d" at middle of length (See Secs. 2 & 13)... *12.00*

Do. of Houses on Dk.

Proportions—Depths to Length—Upper Deck Beam at side to top of keel... *9.60*

Do. of excess of Hatchways

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

Do. above Crown of Engine Room

Destined Voyage *Fishing*

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

Gross Tonnage *269.89*

Less Crew Space *25.09*

Less above Crown of Engine Room

AGE FOR FEES... *244.80*

Engine Room *114.42*

Navigation Spaces *9.77*

ster Tonnage out on Beam... *120.61*

NGTH on Deck

as per Rule... *128 0*

BREADTH

Moulded... *21 10 1/2*

DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams

Do. do. do. do. Second Dk. Beams

Feet. Inches.

12 7

No. of Decks with flat laid *One*

No. of Tiers of Beams *One*

Moulded depth, ft. *✓* ins. *✓* To Bridge Dk. Round of Upper *7* ins. Moulded depth, ft. *13* ins. *4* To Upper Dk. Dk. Beam, Actual

FRAMING.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
NAME, Angles, or \square or \angle Bars amidships		4	3	8 20	4	3	8 20	PILLARS, In 'tween Deck, size and spacing		✓					
Do. in peaks								" " Hold		2 1/2					As arranged
Do. in way of Double Bottoms at Solid Floors								" " Quarter 'tween Dks.		✓					
" " at intermdt. Bkts.								" " in Hold		✓					
acing of Frames from centre to centre amidships								KEELSONS & STRINGERS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
" " length to Collision bulkhead		20				20		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		7 1/2	7				16 1/2
" " in peaks		20	10			20		" " Rider Plate		✓					
VERSED FRAME, Angles		2 1/2	2 1/2	4	2 1/2	2 1/2	4	" " 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	7	4	3	7
AMING, depth of girder		4				4		SIDE KEELSONS, Number		✓					
DOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships		16		6	16	6		" " Angles or Bulb Angles		✓					
" " in way of Engine and Boiler Spaces				7		7		" " Plate above floors, for length		✓					
" " thickness at the ends of vessel				5		5		" " Intercoastal Plate, for length		✓					
" " depth at $\frac{1}{2}$ the half breadth, as per Rule		Straight across						" " Attached to outside Plating with Angle		✓					
" " height extended at the Bilges		See plan						BILGE KEELSON, Angles		3	3	6	3	3	6
DOORS & BRACKETS in Cell Dble Bottoms		✓						" " Intercoastal Plate for length		✓					
" " state if flanged (top & bottom)		✓						" " Attached to outside Plating with Angle		✓					
" " Spacing		✓						SIDE STRINGERS, Number		✓					
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness		✓						" " Angle <i>Down</i>		3	3	6	3	3	6
" " Angles, Top		✓						" " Intercoastal Plate, for <i>full</i> length		3	3	6	3	3	6
" " Bottom		✓						" " Attached to outside plating with Angle		3	3	6	3	3	6
" " to Floors		✓						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)		50	5	50	5		
E GIRDERS, number on each side & thickness		✓						" " " " br'dth & thickness (in way of Bridge)		✓					
" " state if flanged (top and bottom)		✓						" " " " Angle (clear of Bridge)		3 x 3	6	3 x 3	6		
" " Angles (top and bottom)		✓						" " Tie Plate at sides of Hatchways		8	6	8	6		
" " to Floors		✓						" " Deck * Iron or Steel, for <i>20 ft</i> long		7/20	6	20	6		
IGIN PLATE, depth (exclusive of flange) and thickness		✓						" " Thickness (clear of Bridge)		✓					
" " Angles to Outside Plating		✓						" " (in way of Bridge)		✓					
" " Floors		✓						" " Wood Deck. Material & thickness <i>P. Pine</i>		3		3			
" " Height of Brackets above at bilge		✓						Second Deck Stringer Plate, br'dth & thickness		✓					
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake		✓						" " Angles on ditto, No.		✓					
" " in Engine and Boiler space		✓						" " Tie Plates outside Hatchways		✓					
" " Remainder in Holds		✓						" " Deck * Iron or Steel, for length		✓					
MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		5	3	8	5	3	8	" " Wood Deck. Material & thickness		✓					
" " Angles on upper edge		✓						Third Deck Stringer Plate, br'dth & thickness		✓					
" " In way of Long Bridge		✓						" " Angles on ditto, No.		✓					
" " Spacing		40				40		" " Tie Plates, outside Hatchways		✓					
MS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓						" " Deck * Material and thickness		✓					
" " Angles on upper edge		✓						Fourth and Fifth Deck Stringer Plate, breadth & 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 & thickness		✓					
" " Spacing		✓						Poop Deck Stringer Plate, breadth & thickness		✓					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓						" " Angle on ditto		✓					
" " Angles on upper edge		✓						" " Tie Plates		✓					
" " Spacing		✓						" " Deck. Material and thickness		✓					
BEAMS, 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		✓					
" " Deck. Material and thickness		✓						" " Deck. Material and thickness		✓					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		5	3	8	5	3	8	Forecastle Deck Stringer Plate, br'dth & th'kns		5	5	5	5		
" " Angles on upper edge		✓						" " Angle on ditto		3 x 3	6	3 x 3	6		
" " Spacing		40				40		" " Tie Plates		50	6.5	50	6.5		
" " Deck. Material and thickness <i>P. Pine</i>		✓						" " Deck. Material and thickness <i>P. Pine</i>		3		3			

[illegible][illegible]

CHAIN CABLES.												HAWSERS 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 Breaking Test of Steel Wire Towline.		Length and Size per Table 31.	
	Length.	Diam.	Stain- ing.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.				Length.	Gr.	Tons.	Length.	Gr.	Fathoms.
9441	105½	1½	20	30	61.0-5	60-2-18	105	1½	old	John Brown	L.P.H.-C.H. 29-12-10	22 TOWLINE 31	60	2½	15½	60	4
Iron Stream Chain or Steel Wire	✓	Gr.						Gr.			S.C. Paul - Sup.	HAWSEERS & WARPS Manila	60	4½		60	4½

Boats *One*
Pumps, Number *Four*
Windlass is by *Lummell & Co.*
Engine Room Skylights.—How constructed? *Steel*
Coal Bunker Openings.—How constructed? *Plates and angles*
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *On each side, 6 scuppers. 4 freeing ports 15" x 9".*
Celling in Holds, thickness and material. *2" pine*
Cargo Hatchways.—How formed? *Plates and angles*
State size No. 1 Hatch (Forward) *2-0 x 2-9* No. 2 Hatch *2-9 x 2-9* No. 3 Hatch *2-9 x 2-9* No. 4 Hatch *2-9 x 2-9* No. 5 " *2-9 x 2-9*
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch ✓
No. of Breasthooks *Four* No. of Crutches *1 + dup floor*
Main Rail, material and size *6 1/2 x 3 1/2" steel B.A.*
The foregoing is a correct description.
Builder's Signature (Here only) *Cochrane & Sons*
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 (Reference should be made in any correspondence connected with the case)

(M.) 27.10.10. (29.2.11.)

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 plates 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)? Traverses State results of tests ✓

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Traverses 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 letter of the above date and in general conformity to the Rules for the class contemplated.

Accompanying this Report:—Plans of Midship Section, Profile and Deck Pumping Arrangements, and Report on Ships Fittings.

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

The amount of Entry Fee £ 2 : 0 : 0 Fees applied for, 28.6.1911
Special Survey Fee . . . £ 12 : 5 : 0 Received by me, 4.7.1911
Travelling Expenses, if any £ - : 16 : 0

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.

Certificate to be sent to Hull Date of issue 11/7/11

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

Committee's Minute
Character assigned

10/8. 4 JUL 1911

100 A1

Sam Hawley

Lloyd's at CP June 6. 11

6/11

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GENERAL REMARKS—(continued).

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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 68-66 ft., Bridge ✓ ft., Forecastle 36-66 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) 1 Deck.

Official No. 132104; 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. 1857
Date 25/11/10
No. 483 in builder's yard.

DATE OF SURVEYS held while building
1910:—Nov 9. 15. 24. Dec 8. 30. 1911:—Feb. 17. 22. 27. Mar. 2. 9. 14. 16. 22. 31.
Apr 6. 12. 20. 26. 28. May 4. 10. 18. 24 Jun 13.

Surveyor's Signature

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Total No. of Visits 24
Allison B. Wilson
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