

With or Without Disconnected Erections.

STEEL STEAMER.

FRI. MAY. 20 1921

Received at London Office

Date of completion of report *25 May 1921*
Survey held at *Newcastle*

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

Port of *NEWCASTLE ON TYNE*Date, First Survey *20 July 1920*Last Survey *2 May 1921*No. *74,371*

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

*Single Screw Steamer 'ETHYLENE'*Rig *Foremast*

TONNAGE under

Tonnage Deck

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

Total under Upper Dk.

Do. of *Deck*CLASS *+100.01.*

FEET.

Breadth (greatest moulded) *31.75*Depth, at middle of length from top of keel to top of upper deck beams at side *15.50*Transverse Number *47.25*Length on deck from fore part of stem to after part of stern post *216.80*Longitudinal Number *10243*Depth "d," at middle of length (See Secs. 2 & 13) *12.83*Proportions—Depths to Length—Upper Deck Beam at side to top of keel *13.98*" " Long Deck Beam at side to top of keel *11.71*Master *T. C. Innes*Year of appointment *1921*Built at *Newcastle on Tyne*When built *1921* Launched *9 Feb 1921*By whom built *Wood Skinner & Co Ltd*Owners *Gaslight & Coke Co.*Managers *Stephenson Clarke & Co*

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

Residence *Newcastle*Port belonging to *London*

Register Tonnage

Do. out on Beam

Length on Deck

as per Rule

Feet. Inches.

27. 0.

BREADTH—

Moulded

Feet. Inches.

31. 9.

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

Do. do. do. do. *15.50*Do. do. do. do. *16.6*

No. of Decks with flat laid

No. of Tiers of Beams

Moulded depth, ft. ins. 22 6

To Bridge Dk. Round of Upper } 8. ins.

To Upper Dk. Dk. Beam, Actual }

Dimensions of Ship per Register, Length *27.5'* breadth *32.0'* depth *13.45'*

FRAMING.

RAME, Angles, Bars amidships

Do. in peaks

Do. in way of Double Bottoms at Solid Floors

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PILLARS.

PILLARS In 'tween Deck, size and spacing

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[illegible]

EQUIPMENT No. 10730						LETTER m						ANCHORS.						TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS.					
Number of Certificate.	Anchors.	WEIGHT OF STOCK			WEIGHT OF 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.	Fathoms.	Inches.	Length.				
55622	1st Bower ...	23	3	21				23	15	2	14	23	1	-	Byers Stockless	Jaylor Son	T. 23/11/20	Drysdale					
55623	2nd " "	23	0	14				23	4	1	14	23	1	-	do	do	T. 24/11/20	do					
55687	3rd " "	22	1	18				22	13	0	14	20	1	-	do	do	T. 6/12/20	do					
	Collective weight.	69	4	25								66	3	-									
35497	Stream	5	3	16	1	2	6	8	2	3	7	6	-	-	Hutchinson	-	CH. 24/10/20	Paul					
35918	Kedge.....	3	0	2				3	6	5	12	0	21	3	-	Rodgers	Bloomer	CH. 20/12/20	Paul				
Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.																							
		1st Bower		14-2-0		J.D.		3650		27-6-19													
		2nd "		14.0.4		J.D.		4080		20-11-19													
		3rd "		14.0.26		J.D.		3792		13-11-20													
		4th "																					
CHAIN CABLES.																							
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.	HAWERS AND WARPS.												
			Supplied.	Per Plate.	Per Cable.						Length.	Size.	Breaking Test of Steel Wire Towline.										
	Fathoms.	Inches.	Tons.	Cwts.	qrs.	lbs.	Fathoms.	Inches.			Fathoms.	Inches.	Tons.										
13617	210	1 3/4	37 1/2	55 1/2	229 3/4	222 1/4	210	1 3/4	Stud	Bloomer Son	L.W. 11/10/20	New	TOWLINE wire	90. 3/4	22 1/2	✓	90. 3/4						
													HAWERS & WARPS	90. 24	9 1/2	✓	90. 6						
														Manilla	90. 5	✓	90. 5						
														Steel wire with runners									
														Connet.									
Boats Two. 19'0" x 6'6" x 2'7". Dugby 14' x 5' x 2'. Steering Gear, Steam John Lupton 6x6 Steering Gear, Hand Wrecker Eng Works																							
Pumps, Number 1 Downton 7 for feed head pump Diameter of Barrel 4 1/2 inch State whether they are in efficient working order Yes																							
Windlass is Emerson Walker. Stem direct action Capstan																							
Engine Room Skylights.—How constructed? Steel plate angles What arrangements for deadlights in bad weather? bulls eyes in steel flaps																							
Coal Bunker Openings.—How constructed? Steel plate angles How are lids secured? battened Height above deck? 3'0"																							
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 3. Sec. fath. 6 on R.P.O. P.S.; 4 weak ports fath. 5 on R.P.O. P.S.																							
Ceiling in Holds, thickness and material none Cargo Battens, thickness and material 6x2. W.W.																							
Cargo Hatchways.—How formed? Steel plate and angles Hatches, if strong and efficient? Yes																							
State size No. 1 Hatch (Forward) 26'3" x 26'6" x 17'10" No. 2 Hatch 28'1 1/2" x 26'6" No. 3 Hatch 29'12" x 20'24" Not a Hatch																							
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch No. 1 Live: No. 2 Live: No. 3 Live: ✓																							
No. of Breasthooks Three decks No. of Crutches deep floors																							
Bulwarks, height above deck and description 4'0" MD. 3'0" R.P.O. Pl. 25. S.A. Stey Main Rail, material and size Zappack Rail 6 3/4 x 3 1/2 S.A.																							
The foregoing is a correct description of the vessel as built by the Builder.																							
Builder's Signature (here only) Leslie Skinner. Director. J.R. Webb. Norman Winkley																							
Surveyor to Lloyd's Register of Shipping.																							
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)																							
31/5/20: 1-4-6-7-9-10-16-18/9/20 9/4/21 7/5/21 10/5/21																							
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? Joggled frames 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? very few																							
Are the butts of Plating, Stringers, &c., properly shifted and lapped? Yes																							
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory																							
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests Satisfactory																							
General Remarks (State quality of workmanship, &c.) This vessel has been constructed in accordance with the approved plans herewith enclosed for reference, the Secretary's letter & in conformity with the rules of the Society. The material and workmanship are good throughout. Forging report attached.																							
Togethor with all approved plans. inclosed.																							
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 £ 4 : 0 : 0 Fees applied for, 19 May 1921																							
Special Survey Fee £ 93 : 12 : 0 Received by me, 17.6.1921																							
Travelling Expenses, if any £ :																							
State whether the Vessel has been built under Special Survey Yes																							
I am of opinion this Vessel should be Classed + 100 A																							
With, or without Freeboard, as condition of Class without																							
Committee's Minute 21 MAY. 27 1921																							
Character assigned 100 A I																							
Lloyd's Assoc. + LMC 4.21 C.L.																							
Wick N.Y.																							

Rpt. 4.

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No., Date, a	Whether Br	Foreign I
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British

Number of	
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vessel	
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One Trip
Investment
act

No. of Shafts.	Desc:
One	Num Iron Load

Under Tonnage
Space or space
Turret or Turret
Forecastle ..
Bridge space
~~Passage~~ Bre
Side Houses
~~Passage~~ House
Chart House
Spaces for m
Section 78
1894 ..
Excess of

Gr
Deductions,
Re

NOTE 1.—The

NOTE 2.—The

Na₂

No. of OWL

Name, Resi

Dated _____

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