





[illegible]

EQUIPMENT NO. 8379-51.				LETTER U.				ANCHORS.				TONNAGE U. DK. 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.	
		Cwt.	qrs.	lbs.	Cwt.	qrs.	lbs.	Tons.	cwt.	qrs.	lbs.	Cwt.	qrs.	lbs.			
83344	1st Bower	17	1	8				18	10	2	14	16	3	0	Stockless (Green's Patent)	J. GREEN.	Netherton, 18/5/20, H. GREEN.
83345	2nd "	17	1	3				18	10	2	14	16	3	0	"	"	Cordley Heath, 29/1/19, S.C. PAUL.
30666	3rd "	14	2	20				16	3	1	21	14	2	0	"	"	"
	4th "																
	Collective weight.	49	1	3								48	0	0			
83245	Stream	4	3	7	1	0	27	7	5	0	0	4	3	0	ORDINARY	J. GREEN	Netherton, 5/5/20, H. GREEN.
83244	Kedge	2	1	21	0	2	18	5	0	0	0	2	1	0	"	"	"

Particulars of **Drop Test** of Cast Steel Anchors:—  
 Weight, Surveyor's Initials, Number of Certificate, Date of Test.

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.			
		Length.	Diam.	Length.	Diam.	Supplied.	Per Rule.	Length.	Diam.	Length.	Diam.							Length.	Cir.	Length.	Cir.	Length.	Cir.		
70659	Fathoms.	105	1 1/4	28 1/8	42 1/8	88-2-13	168-0-0	210	1 1/4	510 LNW	J. GREEN	Netherton, 30/4/20, H. GREEN.	TOWLINE S.S.W.	75	2 3/4	15 1/2	75	2 3/4	15 1/2	75	2 3/4	15 1/2	75	2 3/4	
70660	Fathoms.	105	1 1/4	28 1/8	42 1/8	88-3-5	168-0-0	210	1 1/4	510 LNW	"	"	"	10/5/20, "	"	"	HAWERS & WARPS S.S.W.	90	4	9 1/2	90	4	9 1/2	90	4
	Stream (Steel Wire)	60	3	18				80	3	84 1/2 WIRE	FLANDERS ROSSON	SUNDERLAND 2/12/19	OWNERS S.S.W.	90	2 1/2	12 1/2	90	2 1/2	12 1/2	90	2 1/2	12 1/2	90	2 1/2	

Boats Two LIFEBOATS 18-9 x 6-6 x 2-5; One DINGHY 13-7 x 5-2 x 1-1/2. Steering Gear, Steam & HAND COMBINED BY STEERING GEAR, HAND ACT, TILLER WITH TACKLE TO CAPSTAN. Pumps, Number 2 TO BILGES IN HOLD, 1 TO FORE PEAK PLAT. Diameter of Barrel RQ 4 & 1/2. State whether they are in efficient working order YES. Windlass is STEAM & HAND BY GEMMELL & FROW. What arrangements for deadlights in bad weather? BULLSEYES IN FLAPS. Engine Room Skylights.—How constructed? STEEL WITH HINGED FLAPS. Height above deck? 5-0" ABOVE R.Q. DK. Coal Bunker Openings.—How constructed? STEEL COAMING ON CARGO TOP HOW are lids secured? WOOD COVERS, CLEARLY THROTTLED. No. of Hatch Plates 3-3 x 1-7/8 x 1-5/8 IN U.D.K. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 2 PAIR OF SCUPPERS IN U.D.K. & 4 PAIR IN R.Q. DK. 1 PAIR OF HATCH PORTS 3-3 x 1-7/8 x 1-5/8 IN U.D.K. Ceiling in Holds, thickness and material 2 1/2" WHITE WOOD. Cargo Battsens, thickness and material 6 x 2" W. PINE. Hatches, If strong and efficient? YES. Cargo Hatchways.—How formed? 44 STEEL COAMING PLATES 3-6 HIGH ON U.D.K. 8-3-0 ON R.Q. DK. No. 1 Hatch (Forward) 3-9 x 17-11" No. 2 Hatch 3-4 x 10 x 17-11" No. 3 Hatch 6 WEB PLATES TO NO. 1 HATCH & 6 WEB PLATES TO NO. 2 HATCH. State size No. 1 Hatch (Forward) 3-9 x 17-11" No. 2 Hatch 3-4 x 10 x 17-11" No. 3 Hatch 6 WEB PLATES TO NO. 1 HATCH & 6 WEB PLATES TO NO. 2 HATCH. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 6 WEB PLATES TO NO. 1 HATCH & 6 WEB PLATES TO NO. 2 HATCH. No. of Breasthooks No. of Crutches No. of Fore & Afters. Bulwarks, height above deck and description UPPER DECK 4-3 1/2 x 66 PLATING RQ 4 & 1/2. Main Rail, material and size 6 1/8 x 3 1/4 x 17 LBS TYZACK SECTION. The foregoing is a correct description. Surveyor's Signature W. J. Pyle. Builder's Signature (here only) W. W. Millan. MANAGING DIRECTOR. 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). M 10/12/19, E 10/12/19. M 11/10/19, M 10/9/21, M 13/9/21, 20/9/21.

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? 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. State results of tests SATISFACTORY. 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.) Workmanship good. This vessel has been constructed under special survey in accordance with the approved plans and the Secretary's letter of the above date and in general conformity with the rule of the Society.

This vessel has been tared to Glasgow, where the machinery is to be installed, the Engine & Bilge pumps riveted and the House Pipes fitted, and the Glasgow Surveyors have been advised accordingly.

Accompanying this Report are the Approved Plans viz:—Midship Section, Profile & Deck Plans, Pumping Arrangement, Main Frame & Rudder Plan, Fore End Shell Expansion, Fore Peak & Chain Locker, and Fore End Framing also Forging Reports N<sup>o</sup> 453, 4805, 2021.

This vessel is a sister vessel of the s.s. "Braigarna", Dublin Shipbuilders N<sup>o</sup> 14, (Dublin Report N<sup>o</sup> 4113)

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.

Freeboard Fee £ 4 : 0 : 0 Fees applied for, The amount of Entry Fee £ 4 : 0 : 0 7/12/1921. Special Survey Fee £ 58 : 2 : 0 Received by me. Travelling Expenses, if any £ 1 : 11 : 0 15/12/1921.

State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed 100A. With, or without Freeboard, as condition of Class without freeboard.

Committee's Minute FRI. DEC. 23 1921. Character assigned + 100A.

Lloyd's A.C.P. + LmC. 12.21 (on Glo. Rpt 41577



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. 104.98 ft., Bridge 11.5 ft., Forecastle 24.16 (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) ONE DECK (STEEL)

Official No. ; Signal Letters State if Machinery is fitted aft MACHINERY AFT.

How are the surfaces preserved from oxidation? Inside PORTLAND CEMENT & PAINT. Outside PAINT.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. CELLULAR SYSTEM

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	—	—	Fore peak tank,	21.85	44
Double bottom, under Engines and Boilers,	—	—	After peak tank,	9.166	28
Double bottom, if under Engines only,	—	—	Deep tank, aft,		
Double bottom, if under Boilers only,	—	—	Deep tank, forward,		
Double bottom, forward, BUNKER 84 <sup>2</sup> TO F. PEAK TANK.	106.33	163	Other tanks, if fitted,		
	Total capacity of double bottom	163.	(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. YES.

Order for Special Survey No.

Date 5/12/19.

No. 17. in builder's yard.

DATES OF SURVEYS held while building

1920:— JAN 20, 30, FEB 2, 10, 17, APRIL 12, 16, 21, 26, 28, MAY 3, 12, 17, 20, 23, 30, SEPT 20, 29, OCT 7, 18, 29, 26, 29, NOV 2, 10, 16, 19, 24, DEC 2, 8,  
1921:— JAN 4, 18, MARCH 18, 22, 30, APRIL 1, 12, 13, 19, 22, MAY 5, 10, 13, 24, 27, 31, JUNE 2, 8, 14, 21, 23, 28, JULY 5, 7, 13, 19, 22, 29, AUG 12, 15, 17, 19, 23, 25, 30, SEPT 1, 6, 7, 8, 13, 16, 22, 23, 26, 28, 30, OCT 4, 10, 11, 13, 14.

Total No. of Visits 82.

Surveyor's Signature

W. J. Pyle

Lloyd's Register Foundation