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EQUIPMENT No. 25671				LETTER			ANCHORS.			TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS							
Number of Certificate.	Anchor.	WEIGHT, Ks. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.	lbs.	Owts.	qrs.	lbs.			
16459	1st Bower ...	50	1	0	STOCKLESS			42	10	2	14	48	3	0	STOCKLESS	✓	S.P. 9-1-13. L. HAFNER.
16458	2nd " ...	47	1	0				40	13	0	14	48	3	0	"	✓	S.P. 9-1-13. L. HAFNER.
16331	3rd " ...	43	0	0				37	17	2	0	41	2	0	BYER'S STOCKLESS	✓	S.P. 2-12-12. A. GREEN.
	4th " ...																
	Collective weight	140	2	0								139	0	0			
10414	Stream .....	13	0	2	3	0	24	14	15	0	0	13	0	0	ORDINARY	BLOOMERT & SONS	C.H. 15-12-11. S.C. FAUL
10415	Kedge .....	5	3	0	1	2	0	8	0	2	14	5	3	0	"	"	"

U.S. Patent Office Name of Inventor.

U.S. Patent Office Mechanical Tests.

CHAIN CABLES.										HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and Size per Table 3.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 4.		
	Length.	Diam.		Status.	Break.	Supplied.	Per Rule.					Length.	Diam.		Length.	Clr.	Length.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Length.	Diam.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
39733	240	2	72	100 3/4	485-0-16	536-3-0	270	2	STUD	BLOOMERY SONS	TIPSON. 31-12-12 C. GREEN	TOWLINE	120	4 1/2	35	120	4
6115	30	2	72	100 3/4	60-0-3	-	-	LINK	-	5 1/2	4-12-12 A. GREEN.	HAWERS & WARPS	2 1/2	15 1/2	12 1/2	2.40	7
(Iron Wireman) (Steel Wire)	90	4 1/2	-	39	345-0-14	-	90	4 1/2	-	-	-	" "	4, 120	6	MANILLA	2.90	7
												" "	1, 300	4 1/2			

Boats TWO LIFEBOATS 24 FT. TWO CUTTERS 18 FT.  
Pumps, Number ONE DOWTON  
Windlass is STEAM BY CLARK CHAPMAN  
Engine Room Skylights.—How constructed? STEEL PLATES AND ANGLES What arrangements for deadlights in bad weather? BULL'S EYES IN HINGED FLAPS  
Coal Bunker Openings.—How constructed? " " " " How are lids secured? CLINCH BATTENS, 4 TARPOLINS Height above deck? 9'  
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. SEVEN SCUPPERS, EIGHT FREEING PORTS 3-3 x 18  
Ceiling in Holds, thickness and material 2½ OREGON PINE Cargo Battens, thickness and material 6x2 SPRUCE  
Cargo Hatchways.—How formed? STEEL PLATES AND ANGLES Hatches, If strong and efficient? YES  
State size No. 1 Hatch (Forward) 30-7½ x 18-0 No. 2 Hatch 32-8 x 18-0 No. 3 Hatch 32-8 x 18-0 No. 4 Hatch 30-7½ x 18-0  
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch TWO DEEP WEBS AND THREE SHALLOW WEBS.  
No. of Breasthooks SIX No. of Crutches DEEP FLOORS  
Main Rail, material and size 5½ x 3 x 34 BA STEEL.  
Bulwarks, height above deck and description 3-9 x 26 STEEL  
The foregoing is a correct description.  
Builder's Signature (here only) John McEntee Surveyor's Signature Walpier and Ammelasen.  
Surveyor to Lloyd's Register of British and Foreign Shipping.

**Correspondence.**—State dates and initials of letters respecting this case (*References should be made in any correspondence connected with the case*).  
M 27-10-11, 7-11-11, F 27-11-11, M 29-12-11, 31-2-12, 2-4-12

**Workmanship.** Are the butts of plating planed or otherwise fitted? PLANED AND OVERLAPPED  
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

Are the rivets broken into or through the seams or butts of the plating? A FEW

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests: SATISFACTORY

**General Remarks** (State quality of workmanship, &c.)

The material and workmanship throughout are good

This vessel has been built in accordance with the following particulars: Length 144 ft.

dated above and otherwise in compliance with the Rules of the Society

Vessel placed on pontoon (5-2-13). Bottom examined, cleaned and coated.

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


The amount of Entry Fee ..... £5 : 0 : 0  
Special Survey Fee ..... £100 : 15 : 6

Fees applied for,  
£ 2 19/13

Certificates to be sent to **SUNDERLAND** Date of issue 1/3/13.

Received by me, 18/5/1913 [Signature] 1.3.13

State whether the Vessel has been built under Special Survey YES  
 We are of opinion this Vessel should be Classed + 100 A 1 Wagner and R. McLaughlin

With, or without Freeboard, as condition of Class **WITHOUT** *Surveyors to Lloyd's Register of British and Foreign Shipping.*  
*Committee's Minute* **FRI. FEB. 14. 1913** 

Character assigned *Bohr*

Lloyd's ascor

thue 2.13

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GENERAL REMARKS—(continued).

This vessel whilst proceeding from the Mer to Hartlepool for machinery, grounded, and was placed in dry-dock. See H'port Report N<sup>o</sup> 14537  
The following work in connection with same completed at Sunderland.

One lower anchor and 30 fathoms of chain cable retested. Certificate N<sup>os</sup> 16331 and 6115  
Windlass overhauled and cable lifter and one warping drum on starboard side renewed.  
Winches at N<sup>o</sup> 2 hatch overhauled and tested under steam, remainder of deck machinery placed in good order.  
Land steering-gear overhauled and made good.  
One plate of bridge front faired in place.  
Deckhouse at after end of Bridge scaled and painted.  
Steelwork throughout vessel where not riveted, unbolted cleaned and coated.  
Side tanks tested under water pressure and found satisfactory.  
One fore-castle fairleader renewed and one dressed up.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 25.0 ft., R.Q.D. ☒ ft., Bridge 81.66 ft., Fore-castle 31.0  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated NOT JOINED.

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) 1<sup>st</sup> 3<sup>rd</sup> (Stl) + 2<sup>nd</sup> 5<sup>th</sup> (Iron) in N<sup>os</sup> 1, 2, 3 + 4 holds. Cantilever framed topside tanks amidships.  
Official No. ; Signal Letters State if Machinery is fitted aft NO  
How are the surfaces preserved from oxidation? Inside PAINT AND CEMENT Outside PAINT

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	112-3 1/2	221	Fore peak tank,	✓	99
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	✓	112
Double bottom, if under Engines only,	26-6 1/2	91	Deep tank, aft, TOPSIDE TANK PORT	73-6	113
Double bottom, if under Boilers only,	36-9	126	Deep tank, forward, " " STAR <sup>d</sup>	83-8 1/2	129
Double bottom, forward,	118-5	309	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		747	(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. 5001

Date 16.12.11

No. 238 in builder's yard.

DAYS of Surveys held while building

1911 Nov. 24, 27 Dec. 1, 4, 5, 6, 14, 22 Jan. 9, 10, 16, 19, 23, 30, 31 Feb. 6, 8, 12, 15, 20, 23, 25, 27  
Mar. 7, 13, 20, 22, 26, 27 Apr. 2, 11, 15, 17, 25, 26, 27 May 2, 6, 8, 17, 22, 24, 30 Jun. 4, 5, 12, 23, 24  
Jul. 4, 8, 10, 12, 15, 17, 18, 31 Dec. 2, 4, 11, 16, 19, 27 Jan. 8, 12, 15, 20, 22, 24, 30 Feb. 3, 5, 6

Total No. of Visits 7

Surveyor's Signature Walker and R. M. McLaren

