





[illegible]

EQUIPMENT No.				LETTER				ANCHORS.				TONNAGE U.D.K. OR PLATING NO. FOR TRAWLERS			
Number of Certificate.	Anchors.	WEIGHT, EX STOCK Cwts. qrs. lbs.	WEIGHT OF STOCK Cwts. qrs. lbs.	TEST, PER CERTIFICATE				WEIGHT REQUIRED BY TABLE 31.				Description of Anchor.	Makers.	Where and when tested and Superintendent.	
				Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.					
21586	1st Bower ...	73 0 14	stocked	55	0	0	0	43	0	0	0	Gros Admiralty	Not stated	Sid 20/17 Paffner	
21490	2nd "	70 1 21	"	54	0	0	0	42	0	0	0	do	do	Sid 22/17 Paffner	
76838	3rd "	60 1 7	"	48	12	2	0	35	2	0	0	Halli Stockless	Hingley	Netherlands 4/10/16 J. van	
	4th "														
	Collective weight	202 3 14						119	2	0	0				
3025 A	Stream .....	13 2 0	2 2 3	14	6	1	0	11	0	0	0	Admiralty Pattern	S.G. & Scotland	Ed 13/12/16 Suddman	
3044 A	Kedge.....	6 0 12	1 0 23	5	7	2	0	5	1	0	1	do	do	" 28/12/16 "	

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

1st Bower Tested unspectated by Admiralty order S.S. Hucham 28/17  
2nd " do  
3rd " Sq. O. 23 HK ↑ Cert. H? 76838 mark A 58 3. 10. 16  
4th " "

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied. Length. Diam.	Test per Certificate. Stress. Strain.	WEIGHT OF CHAIN CABLE Supplied. Per Reel.		Length and size per Table 31. Length. Diam.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied. Length. Cir.	Breaking Test of Steel Wire Towline. Length. Cir.	Length and size per Table 31. Length. Cir.							
61434	Fathom 150 1 1/2	Tons 8 1/2	Cwts. 240	Qrs. 0	13	stud	Hingley	Netherlands 7/2/17	TOWLINE	Fathoms 120	Lbs. 46.5	Fathoms 100							
61612	150 "	" "	240	0	13	link	do Green	do	HAWSESWAY	20 113	7 manilla 20 90	7 "							
	300	" "	480	0	26				" 5W 50 120	5 "	manilla 20 90	6 "							
	150	" "	240	0	13				" 10 120	4 1/2 "	33.5								
	150	" "	240	0	13				" 10 120	4 1/2 "	33.5								

**Boats** 2 lifeboats 1 motor boat 1 ship dingy none  
**Pumps**, Number 1 hand pump, 3 electric bilge pumps  
**Windlass** is Steam Hand Immersion Walker Sampson  
**Engine Room Skylights**.—How constructed? steel  
**Bulk Bunker Openings**.—How constructed? Steel manhole & coaming  
**Number of Scuppers**, and numbers and dimensions of Freeing Ports, &c. 5 on each side 3 1/2 dia., 3 in each well each side 6 x 3"  
**Ceiling in Holds**, thickness and material none  
**Deck Hatchways**.—How formed? Steel plates, plate covers with lugged bolts  
**State size No. 1 Hatch (Forward)** 6'0" x 6'6" x 2'7" No. 2 Hatches 3'0" x 3'0" x 2'6" No. 3 Hatch  
**Number of Web Plates, Shifting Beams and Fore and Afters** to each Hatch none  
**No. of Breasthooks** 9  
**No. of Crutches** deep floor  
**Bulwarks**, height above deck and design BUILDING & ENGINEERING LTD.  
**The foregoing is a correct description.**  
**Builder's Signature** (three only) Secretary  
**Surveyor's Signature** W. R. M. Aspinall  
**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) as over on page 4.

**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?** no  
**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)?** 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 built in accordance with the approved plans, the Secretary's letter generally in conformity with the Society's rules the material workmanship are good.  
Oil tanks, oil bunkers, cofferdams, pump rooms, double bottom tanks, feed tank, leak tanks, deep tank in hold, fresh water tanks, magazine and spirit room tested and made tight. Oil suction delivery pipes tested in place with water pressure 300 lbs per sq in (300 lbs in pump room). Oil & ballast pumps & ventilating fans tested under steam & worked satisfactorily. Heating pipes in oil tanks oil bunker satisfactorily tested with water to 300 lbs per sq in.  
This vessel is a cruiser vessel to the 2000 ton order, R.F.C. "Rapid" class but built on the transverse frame system.

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.

Fees for freeboard assignment etc.	The amount of Entry Fee	Special Survey Fee	Travelling Expenses, if any	Fees applied for,	Certificate to be sent to	Date of issue
£ 4 - 0 - 0	£ 5 - 0 - 0	£ 81 - 11 - 0	£ 240 - 0 - 0	27-12-1917	Dull.	10.1.18
				Received by me,		
				as per 43 25/1/17		
				24.1.18		

I am of opinion this Vessel should be Classed + 100A Carrying Petroleum in bulk.  
With, or without Freeboard, as condition of Class 100A Carrying Petroleum in bulk.  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute  
Character assigned  
for Government Service  
Carrying petroleum in bulk  
Lloyd's & Co.  
since 1911

+ L.M. 6.12.17  
F.D. Jones for air fuel 12.17  
P.P. above 150

Lloyd's Register of Shipping Foundation



GENERAL REMARKS—(continued).

Bulkheads

Position	Thickness	Horizontal Stiffeners	Vertical Stiffeners	Shanty Frames	Weight.
7.98 watertight	46-26	W.C. flat	6x3x38 BA ✓ 3½x3x38 OA ✓ 6x3x40 BA & C.L. bulk?	24 30 24	Single Upper deck
" 18 airtight	44-32	W.C. flat	do-	24	"
" 20 "	44-34	Knees & tunnel	do-	24	"
" 28 "	"	2 girders 18x14x48	7x3x40 BA & C.L. bulk?	"	Upper dk, web in Stan
" 36 "	"	2 " 13x48	7x3x40 BA & C.L. bulk?	"	Upper deck
" 44 "	"	2 girders 18x48. Pump room floor & tunnel recess	7x3x40 BA & C.L. bulk?	"	Upper dk, web in Stan
" 46 "	"	none	Reverse bar as per plan 6x3x38 BA	"	Upper stringer
" 52 "	44-26	1 girder 18x48 & 1 other girder Pump room floor & tunnel	7x3x34 & 6x3x30 BA Reverse bar as per plan	30	Upper dk (bridge at cu
" 66 watertight	"	Semi-box beam fixed tank	9x3x44 BA	24	-do-
" 78 airtight	40-34	2 semi box beams	6x3x36 OA 4x3x34	"	Upper deck @ side
" 84 "	46-26	2 semi box beams Pump room floor	6x3x38 OA & web at center 4x3x40	"	Upper deck (bridge at cu
" 90 "	44-34	14x48 flanged stiffener Pump room floor	7x3x40 BA Pump room	"	Upper deck
" 98 "	44-34	2 girders 13x48	7x3x40 BA, 2 webs & C.L. bulk?	"	Upper dk (web in Stan
" 106 "	"	2 girders 14x48	do.	"	Upper deck
" 114 "	"	2 " 18x48	7x3x44 BA & C.L. bulk?	"	Upper dk (web in Stan
" 122 "	"	Brackets	6x3x40 BA & C.L. bulk?	"	Upper deck
" 134 "	44-32	Deep tank flat	do	"	do
" 135 watertight	48-26	2 tank flats 6x3	7x3x36 BA & center division 5½x3x30 OA 3½x3x38 OA	"	do
Center line bulkhead	52-34	3 girders fore? 1 girder aft & circular tunnel	7x3x36-44 BA fore? 7x3x34 BA aft 1 web in each tank	26	Upper deck.

Expansion tank sides between main upper deck extended below main deck as per approved plans. Plating 38. Vertical stiffeners 6x3x38 OA. 26" apart & 1 web in way of each tank.

Correspondence, Secy's Letters M. 1916. June 27. July 1. 3. 8. 11. 13. 20. 26 Aug 1<sup>st</sup> 5. 25. 28. Sept. 9. 4. 16. 28. Oct. 6. 18. 19. 26. 27. 29. 30. Nov. 1. 6. 9. 16. 18. 20 Dec. 6. 14. 19. 1917. Jan 12. 16. 19. Feb. 3. 10. 11. 19. Mar 9. 15. 19. 21. 23. 29. 31. April 12. 23. 30 June 11. 15. 26. 28. 29. July 4. 5. Aug 28. Sept. 4. 7. Oct. 2. 25. Nov. 23. also letters circulated to the surveyors by the Secy, regarding Admiralty requirements as to fitting out etc. of the vessels of this class.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 46.18 ft., R.Q.D. ✓ ft., Bridge 106.18, Forecastle 39.5 (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) 2 dks (Stb) State if Machinery is fitted aft No. Official No. 140,441; Signal Letters Outside Paint How are the surfaces preserved from oxidation? Inside Paint & cement.

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,	✓	✓	Fore peak tank,	27.0	48
Double bottom, under Engines and Boilers,	69.4	135	After peak tank,	16.0	30
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward, under fore hold	23.83	90
Double bottom, forward,	✓	✓	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		135	(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. June 17<sup>th</sup> 1916 to Dec 18<sup>th</sup> 1917 Date No. 624 in builder's yard. Days of Surveys held while building Total No. of Visits 20

Surveyor's Signature W. M. Aspinall Lloyd's Register Foundation