

[illegible]

EQUIPMENT No. 63812 LETTER JT

ANCHORS. (Weight of anchors as requested by Owners)

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQ. 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.
X 72074	1st Bower	104	2	7	Staples	69	2	2	0	104	0	0	Hall, staples	W. Hingley & Son	Nettledon 21/10/14 H.S.		
X 72072	3rd "	103	2	16	"	68	15	0	0	103	0	0	"	"	Nettledon 21/10/14 H.S.		
X 72073	2nd "	104	3	2	"	69	2	2	0	104	0	0	"	"	Nettledon 21/10/14 H.S.		
	Collective weight	311	7	35						311	0	0				21/10/14 H.S.	
72059	Stream ...	33	0	17	9	0	0	31	1	1	0	32	2	0	Rodgers	"	21/10/14 H.S.
71949	Kedge.....	17	1	14	4	2	2	18	10	2	14	17	0	0	"	"	19/9/14 H.S.
X	Certificates for cast steel heads produced																

CHAIN CABLES.

HAWERS AND WARPS.

Number of Certificate.	Length and Size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Fathoms 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 Towline.	Fathoms and size per Table 31.	
	Length.	Diam.		Supplied.	Per Rule.						Length.	Cir.		Length.	Cir.
57079	165	2 7/8	13710	1928	689.0.12	330	14	Staples	W. Hingley & Son	Nettledon 9/10/14	130	7	113	130	7
57087	165	2 7/8	13710	1928	689.2.9	330	14	"	"	Nettledon 19/10/14 H.S.	120	4	33	120	4
Iron Stream Chain or Steel Wire	120	6	85		378.2.21	120	6	"	"	"	120	3 1/2	26	120	3 1/2
											30	3 1/2	35.5	30	3 1/2
											40	8			

Boats Eight

Steering Gear, Steam

Steering Gear, Hand combined

Pumps, Number Two 6 inch 6 Two hand pumps 6 Diameter of Barrel 6 4 State whether they are in efficient working order yes

Windlass is new Clarke Chapman & Co. 4 ft Capstan

Engine Room Skylights.—How constructed? Steel plates angle. What arrangements for deadlights in bad weather? Steel flaps

Coal Bunker Openings.—How constructed? flush scuttle. How are lids secured? hinged joint Height above deck? flush with

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. (RAIL PARTLY OPEN) 8 scuttles each side 3 freeing ports each

Ceiling in Holds, thickness and material at bulges in No. 2 hold 2 1/2 P.P. Cargo Battsens, thickness and material 1 1/2 W.P. side 2.5 x 1.3

Cargo Hatchways.—How formed? Steel plate and angles Hatches, If strong and efficient? yes

State size No. 1 Hatch (Forward) 13-6 x 10-0 No. 2 Hatch 20-0 x 14-0 No. 3 Hatch 9-0 x 18-6 No. 4 Hatch 12-6 x 14-0

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch Nos. 1, 4 & 5 alike two shifting beams

No. 2 hold three shifting beams No. 3 Steel plate No. of Breasthooks Eight No. of Crutches Six

Bulwarks, height above deck and description 3-9 Steel plate amidships Main Rail and Stays, material and size (Steel rail not) yes and angle

The foregoing is a correct description. AND ENGINEERING CO., LIMITED. (fitted set) bars, clippers, bulwarks

Builder's Signature (here only) H. Macmillan Surveyor's Signature G. M. Shaw Surveyor to Lloyd's Register of British and Foreign Shipping.

MANAGER

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) 29/9/13(M) 11/10/13(M)

9/11/13(M) 20/11/13(M) 28/11/13(M) 20/12/13(M) 13/1/14(M) 14/1/14(M) 29/1/14(M) 10/3/14(M) 19/3/14(M) 20/3/14(M) 31/3/14(M)

Workmanship. Are the butts of plating planed or otherwise fitted? planed 6/4/14(E) 4/4/14(M) 9/4/14(M) 19/4/14(E) 30/9/14(E)

Is the riveted work properly closed? yes 28/3/15(D) 16/3/15(M)

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 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)? 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 built in accordance with the approved plans

The Secretary Letter of the above dates, and in general conformity to

the Rules for the class contemplated

This vessel has been requisitioned by the Admiralty and converted into an

armed cruiser, the arrangement generally being as shown on the 1/2 scale

plan enclosed Owing to the work for which the vessel is intended

the boat deck has been removed with the exception of a small part

at the fore end; the bonnage opening has been closed in, a

magazine has been fitted in the No. 2 hold, gun supports have

been fitted as shown on the four plans enclosed, and on trial

these proved themselves to be very satisfactory, heavy plating has

been bolted to the casings round the turbine and boiler rooms

also round the steering gear, plate have been riveted to the

The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.

GENERAL REMARKS—(continued).

the bulkheads closing up nearly all the watertight doors. The vessel has large oil fuel bunkers, these were tested with water to the height of the Skelton Deck, and were very satisfactory when filled with oil fuel, oil fuel is also carried in parts of the ^{bottom} when the vessel is refilled for passenger service the work will be carried out under the supervision of the Society's Surveyor, and it has been arranged that a fee will then be charged, this in my opinion ^{also} could include any additional services that have been rendered at this time. Length of Counsel Stern 23.0 This vessel has a rubbing bar riveted to the plate keel: FK & BK 2. Vessel fitted with wireless telegraphy. During the time the vessel is under Admiralty control she will be called the "Avenge", the particulars for the Register Book were forwarded to London on the 10th April, 1913 the name given at that time being "AOTEAROA", and the Owners desire that the notation should remain as published at present.

G.M.S.

33 Plans including a copy of the oil fuel bunker plan, owing to the original plan being so badly torn that it cannot be ^{renewed}

13 Fitting forms

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop \leftarrow ft., R.Q.D. \leftarrow ft., Bridge \leftarrow ft., Forecastle 90 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated \leftarrow

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 should appear in the Register Book) 3 DKS (U & 2nd Dth STL. WS) & SHELTER DECK (TEAKS) & WEB FR
Official No. 139120; Signal Letters \leftarrow State if Machinery is fitted aft \leftarrow

How are the surfaces preserved from oxidation? Inside Paint & cement Outside Paint
no cement fitted in way of double bottom in way of oil fuel to

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. <u>cellular system</u>					
Where Fitted.	*Length. Feet.	Water Capacity. Tons.	SALT WATER	Where Fitted.	*Length. Feet.
Double bottom, aft,	45	86	Fore peak tank,		27
Double bottom, under Engines and Boilers,	202	900	After peak tank, DIVIDED INTO TWO		30
Double bottom, if under Engines only,			Deep tank, aft,		19
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	167	403	Other tanks, if fitted,		
TOTAL LENGTH OF INNER BOTTOMS		1389	(If necessary, furnish further information by sketch.)		
The wells are not to be included in the lengths of the tanks.		414	State whether the above have been tested as required by the Rules <u>yes</u>		

Order for Special Survey No. 4813
Date 1/12/13
No. 199 in builder's yard.
Dates of Surveys held while building
1913. Nov 15-19-21-24-26. Dec 1-2-5-11-17-20-26-1914 Jan 7-12-14-16-19-21-23-26-29. Feb 2-4-9-18-17-18-19-23-25. Mar 3-6-11-17-20-23-25-30. Apr 1-10-15-16-21-22-27. May 1-5-7-11-14-20-22-25-29. Jun 1-5-9-12-15-18-26. July 1-14-30. Aug 4-6-10-12-14-20-22-27. Sep 3-8-11-14-17-24. Oct 5-7-27-30. Nov 2-5-9-10-12-14-18-20-25-26-30. Dec 4-7-9-16-17-23-27-29. 1915 Jan 6-11-20-21-22-25-28-29. Feb 1-3-8-9-12-18-19-21-22-24. Mar 1-4-11-15-18. Apr 1-6-7-12-13-14-16-19-21-23-26-29. May 4-7-11-13-15-24. Jun 2-7-11-14-16-22-24-25-28-30. July 30. Aug 4-6-9-11-14-17-23-24. Sep 1-3-8-10-13-20. Oct 1-2-4-11-25-28-29. Nov 9-19-29-30. Dec 1-3-25. 1916 Jan 1-3-4-5-7-11-24-25-28-29. Feb 1-2-3-6-13-14-15-17-18-20-21-23. Total No. of Visits 24

Surveyor's Signature

G. M. S.



Lloyd's Register Foundation