

# Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office) MON. 8-APR. 1918

of writing Report 6<sup>th</sup> April 1918 When handed in at Local Office 6 April 1918 Port of CARDIFF

Survey held at Cardiff Date, First Survey 25<sup>th</sup> Mar Last Survey 6<sup>th</sup> April 1918  
on the Machinery of the Wood, Iron or Steel Twin S/S "Newston" ex "Favita Dona Catalina" Master

Gross 446 Vessel built at Bremerhaven By whom G Seebach ad. Yes When 1906-6  
Net 259 Engines made at Do By whom Do When "  
Main Boilers 1906 (Donkey)   
Donkey Boilers 1906  
Pressure-  
Main Boilers 1906  
Donkey Boilers 1906

Report No. \_\_\_\_\_ Port \_\_\_\_\_  
Particulars of Examination and Repairs (if any) Classification

Special Surveys, when held, must be reported in detail and scrutiny in the terms of the Rules. State clearly the nature and extent of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and fees being detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.

CHARACTER, &c. for Special Survey, Date of last Survey and of Periodic Surveys.	Years Assigned and expired.	Machinery and Boiler Surveys (Including date of R.R., if any).

Damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined? \_\_\_\_\_  
Was a damage report made by anyone else? If so, by whom? \_\_\_\_\_

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? yes  
" " " " " " none

was not done, state for what reasons? ✓

What parts of the Boilers could not be thus thoroughly examined? ✓

What special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? ✓

Surveyor examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam? 142 lbs

Surveyor examine the Safety Valves of Donkey Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓

Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? yes, and of the Donkey Boiler? ✓

Surveyor examine the drain plugs of the Main Boilers? none, and of the Donkey Boiler? ✓

Surveyor examine all the mountings of the Main Boilers? yes, and of the Donkey Boiler? ✓

Screw shaft now been drawn and examined? yes Is it fitted with continuous liner? no or two liners? no or is it without liners? yes

Shaft now been changed? no If so, state reasons ✓

Shaft now fitted new? no Has it a continuous liner? ✓ or two liners? ✓ or is it without liners? ✓

Distance between lignum vitae of stern bush and top of after bearing of screw shaft? a good fit. Cast iron stern bush with gland similar to Celericals

Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete  
Both sets of Engines have been opened up, and examined, namely Cylinders pistons, valves, pumps, Condenser (tested) Break, Thrust- and tunnel shafting, Both screw shafts drawn. Sea cocks and valves, Auxiliary pumps, valves and pipe connections, Main Steam pipes examined in position, and found all in good condition.

The Main Boilers has been opened up and examined together with its Safety valves and mountings and found in good condition.

Boiler and machinery afterwards examined under steam and Safety valve, adjusted to pressure stated above.

1st entry report attached herewith

General Observations, Opinion, and Recommendation: The machinery of this vessel is in my opinion in a safe working condition and merits the favourable consideration of the Committee for classification

Fees applied for: £ \_\_\_\_\_  
Damage or Repair Fee (if any) (per Section 25.) £ \_\_\_\_\_  
Printing Expenses (if chargeable) £ \_\_\_\_\_  
Received by me, F W Webb  
FRI. APR. 12 1918. TUE. APR. 16 1918.

Committee's Minute \_\_\_\_\_  
Signed B & M S 4:18  
MACHINERY CERTIFICATE WRITTEN 11.4.18  
Lloyd's Register Foundation  
W1637-0254