

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

(Received at London Office) THU. 31 MAY. 1917

Date of writing Report 29th May 1917 When handed in at Local Office 29 May 1917 Port of CARDIFF

No. in Survey held at Cardiff Date, First Survey 16th May Last Survey 22 May 1917
(No. of Visits 8)

1 Sup on the Machinery of the Wood, Iron or Steel S.S. "Merioneth" Master

Gross Tonnage 3004 Vessel built at W. Hartlepool By whom W. Gray & Co. Ltd When 1916-5
Net 1854 Engines made at " By whom Ben. Mar. Eng. Wks When 1916
Registered Horse Power 288 Boilers, when made (Main) 1916 (Donkey) 1916

No. of Main Boilers 2 Owners Harrigate & Co. (Jenkins) Barport Cardiff Voyage White Sea.
No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Merchandise Port
Steam Pressure in Main Boilers 180 lb (State name of Dock.)
in Donkey Boilers 100 lb

Last Report No. " Port " Name "
Particulars of Examination and Repairs (if any) General Exam for

Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause 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 besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

On 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? Yes Report made. Was a damage report made by anyone else? If so, by whom? the undersigned.

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes
Do. " Donkey " " " " No

If this was not done, state for what reasons? Donkey Boiler under steam

And what parts of the Boilers could not be thus thoroughly examined? "
Also 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? "

Did the Surveyor examine the Safety Valves of the Main Boiler? no To what pressure were they afterwards adjusted under steam? not adjusted
Did the Surveyor examine the Safety Valves of Donkey Boiler? no To what pressure were they afterwards adjusted under steam? "

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boiler? "
Did the Surveyor examine the drain plugs of the Main Boilers? Yes, and of the Donkey Boiler? "

Did the Surveyor examine all the mountings of the Main Boilers? Yes externally, and of the Donkey Boiler? "
Has screw shaft now been drawn and examined? Yes Is it fitted with continuous liner? Yes or two liners? " or is it without liners? "

Has shaft now been changed? no If so, state reasons "
Has the shaft now fitted new? " Has it a continuous liner? " or two liners? " or is it without liners? "

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? Lower half of Stern Bush, rewooded.

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done?
Examination made on account of the vessel grounding on

Roseneath Shoal on the 11th May 1917, & also in compliance with

the Secretary's letter, S. dated 16th May 1917.

Cylinders, pistons, Slide valves and casings, Cond., Thrust

and Tunnel shafting and bearings, Pumps, Condenser, Steering

Engine, Auxiliaries, Windlass, Sea cocks, Valves and sea

fastenings, Propellers, & Stern Bush.

Propeller shaft - Drawn in and examined. Found the brass

liner in shaft badly scored & torn in way of neck ring and

neck ring fractured. The Stern gland broken and temporarily

repaired. The shaft has now been put in the lathe & liner skinned

up. A new neck bush & gland fitted and shaft refitted.

General Observations, Opinion, and Recommendation: - The machinery of the

above vessel as far as now seen, is in a good & safe

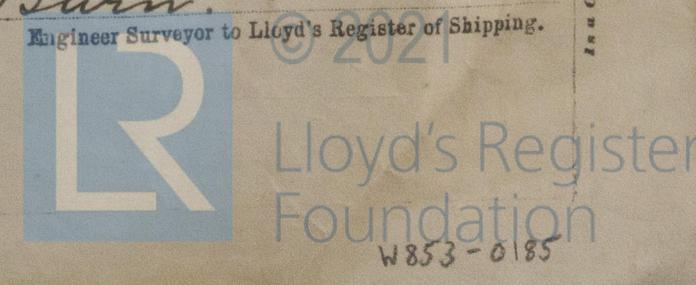
working condition eligible, in my opinion to remain
as classes in the Register's Book.

Special Examn. (Ministry of Shipping) 8. 8. 0
Survey Fee (per Section 25) 5. 5. 0
Special Damage or Repair Fee (if any) "
(per Section 25.) "
Surveying Expenses (if chargeable) "

Fees applied for 30 May 1917
Received by me, 22/6/17

W. Burn
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 5-JUN. 1917
Assigned As now



Insert Character of Ship and Machinery precisely as in the Register Book.

Is a Certificate required? If so, to be sent to

S.S. Merioneth

The lower half of Stern Bush. rewooded.

Bilge Pumps - The adjusting Stops on Valve chest doors found badly worn. have had new doors with Stops fitted.

Main Boilers - Examined both main Boilers internally and externally over all parts and found in good condition. Mountings examined externally & found in order.

The Donkey Boiler examined under Steam and found satisfactory.

Equipment of Engine room examined & found in order.

D. Burn.

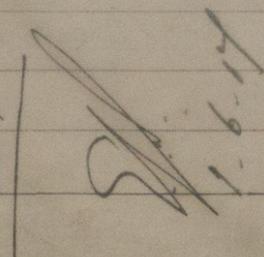
H.B. - If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

OF THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.

Machinery Room throughout
for standing down
& repair noted.

It is submitted that
this report is available to
remain UNCLASSIFIED.

55.19


1.6.17



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Foundation