

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

(Received at London Office *DUES. 3 APR 1906*)

Date of writing Report *25th March 1906* When handed in at Local Office *25th March 1906* Port of *Glasgow*

No. in Reg. Book. *65* Survey held at *Troon* Date, First Survey *5 MAR 1906* Last Survey *22nd March 1906*

on the Machinery of the *Wood, Iron or Steel* *S S Glenravel* Master

Tonnage Gross *1100* Net *759* Vessel built at *Troon* By whom *Hiscock & Co Ltd* When *1906*

Engines made at *Belfast* By whom *MacCall & Co Ltd* When *1906*

Boilers, when made (Main) *1906* (Donkey) *1906* Owners *Antum Iron Ore Co Ltd* Port *Belfast* Voyage *Landed to Belfast.*

If Surveyed Afloat or in Dry Dock *Both* (State name of Dock.) *in Hocks & Iron S.D.*

Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_

Particulars of Examination and Repairs (if any) *Survey previous to Launch*

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.

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>100 A1</i>		
<i>Class Contemplated.</i>		

When 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? also whether any damage report was made, and, if so, by whom?

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Do. " Donkey " " " "

If this was not done, state for what reasons? ad what parts of the Boilers could not be thus thoroughly examined?

So 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? To what pressure were they afterwards adjusted under steam?

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

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

Did the Surveyor examine the drain plugs of the Main Boilers? , and of the Donkey Boiler?

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

Has the screw shaft been drawn and examined at this time? If spare screw shaft fitted, state whether new?

State the distance between lignum vitæ of stern bush and top of after bearing of screw shaft?

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done?

*Propeller shaft, Intermediate and Thrust shafts fitted on board sea cocks fitted & propeller secured. Boilers (main & donkey) temporarily secured in place.*

*This vessel has been towed to Belfast to have the machinery fitted on board, the boilers permanently secured and the electric lighting installation completed.*

## General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 200, B.S.M.S. 200, or L.M.C. 200, 140 lb., E.D., &c.)

*These particulars are submitted for the information of the Committee.*

	£		Fees applied for
Registration Fee (per Sec. 27)			19
Survey Fee (per Section 28)			
Damage or Repair Fee (if any) (per Section 28)			
Printing Expenses (if chargeable)			19
			Received by me,

*George Hurdock*  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *Glasgow 2 - APR 1906*

Signed *Deferred for completion*

*DUES. 22 MAY 1906*

Lloyd's Register Foundation

*W894-0137*

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