

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

No. 42,495

Date of Report 6 Jan 1921 When handed in at Local Office 7 Jan 1921 (Received at London Office TUE JAN 11 1921)
 No. in Survey held at Cardiff Port of CARDIFF
7779 on the Machinery of the Wood, Iron or Steel Sc. S. Fredenham Ex. Talkenfeld Master
 Gross 4448322 Vessel built at Bremen By whom Act. Ges. Weser When 1915
 Net 5259 Engines made at Bremen By whom (Donkey) When 1915
 Registered 542 Boilers, when made (Main) 1915
 Gross Power 4 Owners Hain & Co. Ltd (6. Hain & Co. Ltd) Port St. James London Voyage
 No. of Main Boilers 4 Surveyed Afloat or in Dry Dock Mount Stuart
 No. of Donkey Boilers 1 (State name of Dock.)
 Pressure 213 lb
 Main Boilers 213 lb
 Donkey Boilers 213 lb

Report No. Port
 Particulars of Examination and Repairs (if any) L.M.C.

Medical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature of Repairs, if any, and, in detail, the nature and extent of examinations and subsequent repairs. Repairs on the machinery of the vessel, should be separated from repairs due to other causes; and the initials of any letters respecting this case.

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?

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

Did the Surveyor examine the Safety Valves of the Main Boiler?

Did the Surveyor examine the Safety Valves of Donkey Boilers?

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

Did the Surveyor examine the drain plugs of the Main Boilers?

Did the Surveyor examine all the mountings of the Main Boilers?

Has the screw shaft now been drawn and examined?

Has the shaft now been changed?

Has the shaft now fitted new?

What is the distance between lignum vitae of stern bush and top of after bearing of screw shaft?

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

Examined cylinders, pistons, slide and piston valves, crank, thrust, intermediate shafts, propeller, stern bush, sea cocks and valves & air fastenings, bilge injection valve, bilge suction and roses, condenser pumps and valves, auxiliaries (including general service pump, blast pump, Weir pumps, dynamo engine, ash hoist engine, fan gear, centrifugal pump and engine, and evaporator) main bedplate, stearings, and packings, steam steering engine, windlass engine, main steam pipes, main boilers thoroly, their doors and mountings, and end or made good as under.

Propeller, two new blades fitted.

Sea tube stuffing box repacked, and brass nuts fitted to gland studs.

Bilge suction pipes repaired.

General Observations, Opinion, and Recommendation:— The machinery of this vessel is in good condition, and eligible in my opinion to be classed with notation of L.M.C. 1.21 in the Register Book.

Fee (per Section 28) £40
 Damage or Repair Fee (if any) £
 Other Expenses (if chargeable) £
 Committee's Minute 1.21
 Signed James Barclay
 Date 1921
 FRI. 7 AUG 1925
 FRI. 19 DEC 1924
 TUE. 16 MAR 1926
 WED. 4 APR 1923
 FRI. 8 JUN 1923
 TUE. 5 JAN 1925
 FRI. 13 JAN 1922
 FRI. 13 SEP 1922
 TUE. 25 AUG 1925
 FRI. 1 FEB 1924
 FRI. 4 AUG 1923
 TUE. 19 FEB 1924
 TUE. 6 JAN 1925
 TUE. 24 OCT 1922

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

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

Lloyd's Register Foundation

St. St. Fredenham & Falkenfels.

Condenser tested, Iron bolts in through stays wasted, now renewed in brass.

Weirs pumps overhauled, valve spindle pins, piston rings, and rings for water buckets renewed, suction and delivery valves, and seats, faced and refitted.

General service pumps taken to works, overhauled, cylinders bored out, piston rings renewed, water end rods trued up, new fibre valves fitted, valve gear made good, pumps refitted in place.

Ballast pump, which also pumps from bilges, fitted with a separate bilge suction. It is also fitted with a master valve, which separates tanks from bilges.

Dynamo engine overhauled, slide valve spindle trued up, neck bush renewed, electric installation overhauled.

Ash hoist engine, and fan engines overhauled.

Evaporator cleaned and overhauled.

Main Boilers. Leaking circumferential seam in forward boiler caulked.

All furnaces gauged, and gaugings compared with those made twelve months ago, and found in order, there is no appearance of

All mountings overhauled and ground in.

Furnace and smoke box doors, fittings, and air valves overhauled.

Pipes in way of hull repairs refitted.

Main and auxiliary engines, and boilers tried under steam and found satisfactory.

James Barclay

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.