

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

(Received at London Office)

-4 JUL 1925

Date of writing Report 30 June 1925 When handed in at Local Office 7 July 1925 Port of West Hartlepool

No. in Survey held at West Hartlepool Date, First Survey 13 June 1925 Last Survey 29 June 1925

on the Machinery of the Wood, Iron or Steel S.S. CAIRNHILL ex "NITEDAL"

Gross Tonnage 3901 Vessel built at West Hartlepool By whom Wm Gray & Co. Ltd When 1924

Net Tonnage 2363 Engines made at ditto By whom Central Marine Eng. Co. Ltd When 1924

Boilers, when made (Main) 1924 (Donkey) 1924

Owners Macbeth Blackwood & Co. Ltd Port Glasgow Voyage

Registered Horse Power 2

No. of Main Boilers 2

No. of Donkey Boilers 1

Steam Pressure in Main Boilers 180

in Donkey Boilers 180

If Surveyed Afloat or in Dry Dock Grays & Hartlepool (State name of Dock.)

Last Report No. _____ Port _____

Particulars of Examination and Repairs (if any) Classing

Periodical Surveys, when held, must be reported in detail and serially 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.

In 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?

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

Do. " " Aux " " yes

If this was not done, state for what reasons? _____

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? yes To what pressure were they afterwards adjusted under steam? 185 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted under steam? 185 lbs

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

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

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

Has screw shaft now been drawn and examined? yes Is it fitted with continuous liner? yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? no

Has shaft now been changed? no If so, state reasons _____

Has the shaft now fitted new? yes Has it a continuous liner? yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? yes

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? 6"

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

Examined the cylinders, pistons and piston and slide valves, the crank, thrust tunnel and tail shafts, the condenser and pumps, donkey pumps and pumping connections and sea connections, the propeller, stern bush and outside fastenings, also the main and auxiliary boilers inside and outside with their safety valves and mountings and steam pipes externally. All found in good condition. minor adjustments made.

Examined the boilers & machinery under steam and adjusted the safety valves to working pressure.

General Observations, Opinion, and Recommendation:— This vessel's machinery is now in good and safe working condition and eligible to have notation LMC 6.25.

For particulars of machinery see the first entry report accompanying.

Survey Fee (per Section 26)	£	
Special Damage or Repair Fee (if any) (per Section 28.)	£	37.10.0
Travelling Expenses (if chargeable)	£	

Fees applied for per Act of 10th July 1925

Received by me, [Signature] 1925

R.D. Shilston
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUES. 14 JUL 1925

Assigned L.M.C. 6.25

CERTIFICATE WRITTEN



W230-0161

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

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