Rpt. 9.

No. 110556

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

(Received at London Office APR -6 1938)

Date of writing Report ..... 19 ..... When handed in at Local Office 2 APR 1938 19 ..... Port of LIVERPOOL

No. in Reg. Book. 22935 Survey held at Birkenhead Date, First Survey 2nd Feb Last Survey 3rd March 1938 (No. of Visits 3)

on the Machinery of the ~~Wood, Iron or~~ Steel "CLAN MACKENZIE"

Tonnage { Gross 6554 / Net 4120

Nominal Horse Power { 698

No. of Main Boilers 3 SB

No. of Donkey Boilers ✓

Steam Pressure— in Main Boilers 180 lb

in Donkey Boilers ✓

Vessel built at Newcastle By whom Wtherhead S. B. Co. Ld. When 1917-6

Engines made at Glasgow By whom D. & W. Henderson & Co Ld. When 1917

Boilers, when made (Main) 1917 (Donkey) ✓

Owners ~~The Clan Line Steamers Ld.~~ Owners' Address (if not already recorded in Appendix to Register Book.)

Managers ~~Burrows, Irvine & Co. Ld.~~ Port Glasgow Voyage

If Surveyed ~~Afloat or~~ in Dry Dock West Float (State name of Dock.) D.D.K.

Last Report No. ..... Port .....

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).
~~✠ [redacted]~~		~~✠ [redacted]~~
Shelter dk		✠ NE 8,18.
with freeboard 10,37		~~LRS 3,34~~ ~~BS 10,36~~
as. Gls. No. 3 - 12,29		TS(CL) 9,37
as. Gls. No. 1 - 34		Turbine &c
Cargo battens not fitted in Shelter Deck.		
DAMAGED BY COLLISION & STRANDING 10,37 TO BE BROKEN UP		

Particulars of Examination and Repairs (if any) Dkg. & Sea cons.

(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.

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 Not required.

Was a damage report made by anyone else? If so, by whom? Hay - Smart for the parts.

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

" " Donkey " " "

If this was not done, state for what reasons? Boilers not prepared for survey.

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? ✓

State latest date of internal examination of each boiler ✓ Present condition of funnel(s) Damaged.

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 Boilers? ✓

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

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

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

Has shaft now been changed? ✓ If so, state reasons ✓

Has the shaft now fitted been previously used? ✓ Has it a continuous liner? ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

State date of examination of Screw Shaft ✓ State the distance between lignum vitæ or bearing metal of stern bush and top of after bearing of screw shaft not taken - gauge not removed

Engine parts, when referred to by numbers, should be counted from forward.

Is electric light and/or ~~power~~ fitted? Yes

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? No

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms.? No.

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

Damage stated to have been caused by contact with S.S. "Manchester Regiment" and subsequent grounding on 23-10-37.

Vessel placed in dry dock, propeller, sea connection and fastenings examined. Wear down not taken - gauge not removed. This was done at the request of the owners representative with a view of the vessel being towed to a West Coast port for repair.

The vessel has now been towed to Troon for breaking up.

General Observations, Opinion, and Recommendation:— It is recommended that

(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. 9,11, B.&M.S. 9,11, ✠L.M.C. 9,11, or ✠LMC 140 lb., F.D., &c.)
CS 3,34,

the machinery of this vessel be withdrawn from class.

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

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

Survey Fee (per Section 29) ..... £ : :

Special Damage or Repair Fee (if any) ..... £ : :
(per Section 29.)

Travelling expenses (if chargeable) ..... £ : :

Fees applied for ..... 19 .....

Received by me, ... 19 .....

H. R. Stowell.
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute LIVERPOOL - 5 APR 1938

Assigned Transmit to London.

© 2019 Lloyd's Register Foundation
W515-0018