

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

(Received at London Office)

JUN -5 1940

Date of writing Report 30-5-40 When handed in at Local Office 3. 6. 40 Port of Glasgow

No. in Reg. Book. Survey held at Glasgow Date, First Survey May 21/40 Last Survey 25-5-1940
22487 on the Machinery of the Wood, Iron or Steel S.S. "CLAN MACFARLANE" (No. of Vessel 4)72399 Gross 6193 Tonnage Net 3735 Vessel built at Irvine By whom Ayrshire Dryd. Co. Ltd. When 1922 11
Nominal Horse Power 743 Engines made at Glasgow By whom Dunsmuir Jackson When 1922
No. of Main Boilers 353 Boilers, when made (Main) 1922 (Donkey)No. of Donkey Boilers Owners The Clan Line Steamers Ltd. Owners' Address (if not already recorded in Appendix to Register Book.)
Steam Pressure in Main Boilers 215 lbs. Managers Kayser Brunner & Co. Ltd. Port Glasgow Voyage Foreign
in Donkey Boilers If Surveyed Afloat or in Dry Dock Afloat (State name of Dock.) Queens Dock

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

Last Report No. 20888 Port Grt

Particulars of Examination and Repairs (if any) Cr. M.S. & B.S.

(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

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

" " Donkey " " "

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?

State latest date of internal examination of each boiler Port & Centre 21/5/40 Star 24/5/40 Present condition of funnel(s) Good

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 215 lbs./sq. inch

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? Yes, and of the Donkey Boilers?

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

Did the Surveyor examine all the mountings of the Main Boilers? Yes, 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 vitae or bearing metal of stern bush and top of after bearing of screw shaft.

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?

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?

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

survey for fresh record of H.C. 45. The R.P. and M.P. Top and Bottom ends

H.P. Bottom end, main bearings, crank shaft, intermediate

shafts, cam end of exhaust turbine shaft, ballast, transfer,

and general service pumps remain to be examined and main

and auxiliary steam pipes to test to rule requirements. The

Owners state that the survey will be further advanced on vessel's

return to the U.K. Electrical equipment & seaume

Now Done For H.S.

H.P. cylinder, piston and valve, M.P. cylinder, piston & valve

aft independent feed pump, (see follow sheet)

General Observations, Opinion, and Recommendation: The machinery of this vessel

(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, H.S. 9, 11, & M.S. 9, 11, or L.M.C. 9, 11, or

L.M.C. 140 lb., F.D., &c.)

so far as now seen is in efficient condition and eligible in my

opinion to remain as classed and to have fresh record of H.C. 45

as recommended in Glasgow Report No. 61453 on completion of survey

as above and B.S. 540 now

Survey Fee (per Section 29) B.S. £ 4 : - : - Fees applied for 4 JUN 1940

Special Damage or Repair Fee (if any) (per Section 29.) £ : - : - Received by me, 19

Travelling expenses (if chargeable) £ : - : -

Committee's Minute GLASGOW 4 JUN 1940

Assigned Defered for comp. M.S.

R.S. 40. 27.5.40

W374-00 59012

*Glasgow*S.S. "CLAN MACFARLANE"FOR M.S. CONT^D.

Forward fan engine examined and found or placed
in good order.

REPAIRS.

Feed pump valves and valve seats renewed
Ford. fan engine steam cylinder bored out and
piston renewed.

FOR B.S.

Port, Centre and Star. boilers examined internally
and externally together with safety valves
mountings and doors and found or placed
in good order. Oil fuel installation examined
under working conditions, fuel pipes free
from leakage and in good condition, extended
spindles to oil units and fire extinguisher
tested and found in good order. Safety
valves of main boilers adjusted under steam
to stated pressure

RETAIN

W. H. G.

Ms. A. 9. 29 partly held.

will be eligible for H&C \$140
on completion.

Wiese 1-40

4/6/40

I have been thinking of you
 and wondering how you are
 getting on. I hope you are
 well and happy. I have been
 very busy lately, but I
 have managed to find some
 time to write to you. I
 hope you will excuse my
 delay. I have been very
 busy lately, but I have
 managed to find some time
 to write to you. I hope
 you will excuse my delay.

1840