Rpt. 9.

WRECK REF No.

No. 107,956

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

(Received at London Office 1 NOV 1939)

Date of writing Report 30/10/ 1939 When handed in at Local Office 30/10/ 1939 Port of London

No. in Reg. Book. 23107 Survey held at London. Date, First Survey and Last Survey 20/10/ 1939 (No. of Visits one)

on the Machinery of the ~~Wood, Iron or~~ Steel S/S "DARINO"

Tonnage { Gross 1351 / Net 827

Nominal Horse Power 203

No. of Main Boilers 2 SB

No. of Donkey Boilers ✓

Steam Pressure— in Main Boilers 210

in Donkey Boilers ✓

Vessel built at Leith By whom Ramage & Ferguson Ltd., When 1917.10 (Year. Month.)

Engines made at do By whom do When 1917

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

Owners Ellerman Lines Ltd. Owners' Address ✓ (If not already recorded in Appendix to Register Book.)

Managers Ellerman & Papayanni Lines Ltd Port Liverpool Voyage ✓

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

Last Report No. 112449 Port Liv

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 expired since last Survey.	Machinery and Boiler Surveys (including date of N.B., if any).
✠ 100 A1. 4.39		✠ LMC
		BS 10.38
		MS. 1.39
		Ch. 3.39.

Particulars of Examination and Repairs (if any) Part BS.

(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~~ STARBD Main Boiler separately and make a thorough examination at this time? Yes.

" " Donkey " " " ✓

If this was not done, state for what reasons? Port boiler 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 Starboard Boiler:- 20/10/39 Present condition of funnel(s) Satisfactory.

Did the Surveyor examine the Safety Valves of the Main Boiler? Starboard:- Yes. To what pressure were they afterwards adjusted under steam? Not done.

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? Starboard:- Yes., and of the Donkey Boilers? ✓

Did the Surveyor examine the drain plugs of the Main Boilers? No plug., and of the Donkey Boilers? ✓

Did the Surveyor examine all the mountings of the Main Boilers? Starboard:- 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 vitæ 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? ✓

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 the Port boiler requires to be examined throughout and the safety valves of both boilers adjusted under steam.
Owners state that the survey will be completed in a few weeks time, probably in London.
Now done:- Examined the Starboard boiler throughout including safety valves, doors, and all mountings. All found in good order.

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

as now seen is in safe working condition, & eligible in my opinion to remain as classed and to have fresh record BS 10.39 on completion of survey.

Survey Fee (per Section 29) £ 3:0:0.

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

Travelling expenses (if chargeable) £ : :

Fees applied for 1 NOV 1939

Received by me, 19

Committee's Minute TUE. 7 NOV 1939

Assigned Note As now

Jas. A. Bell.

Engineer Surveyor to Lloyd's Register of Shipping.

W452-0130

Lloyd's Register Foundation