Rpt. 9.

No. 114931

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

(Received at London Office. OCT 10 1940)

Date of writing Report 30th Sept 1940. When handed in at Local Office -4 OCT 1940 19 Port of

No. in Reg. Book. 69813. Survey held at Liverpool. Date, First Survey 17th Sept Last Survey ~~28th Sept 1940~~ No. of Visits 3

on the Machinery of the ~~Wood Iron~~ or Steel Twin Sc. Apapa

Tonnage { Gross 9333 Net 5472.

Nominal Horse Power 1651.

No. of Main Boilers ✓

No. of Donkey Boilers 1

Steam Pressure— in Main Boilers ✓ in Donkey Boilers 100 lb

Vessel built at Belfast. By whom Harland & Wolff Ld When Year 1927 Month 7

Engines made at Belfast. By whom Harland & Wolff Ld When 1927

Boilers, when made (Main) ✓ (Donkey) 1927

Owners Elder Dempster Line Ld. Owners' Address ✓ (if not already recorded in Appendix to Register Book.)

Managers ✓ Port Liverpool Voyage ✓

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

Last Report No. 114560 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 assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+ 100 A1 with Freeboard 3-38.		tlmc CS. 10-35. 3-38
		DBS 2-40.
S.S. Liv No 2. 35.		TS CL. S. 3-38. P. 4-40
		Oil Engines.

Insert Character ✓

Particulars of Examination and Repairs (if any) P.T.O.

(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 Survevor 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? ✓

" " Donkey " " " No.

If this was not done, state for what reasons? Not due.

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) Good

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 ✓

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, All pumps (with exception of port & stbd bilge pumps, stbd lubricating oil pump, Outboard S W Circulating pump and fire service pumps) the oil fuel tanks, ~~Condenser & pumps in Connection with steam plant~~, oil burning installation and examination of electrical installation to be completed. See Lon letter 27.5.40. and Liverpool ups Nos 112014 + 113291. + 114560.

Now Ame. Examined Stbd No 6 M E cylinder piston liner + cover, Port No 1 M E crosshead and Port Nos 1 + 5 M E crank pins + brasses. also Port No 6, 7, + 8 main bearings. Examined Port fwd + port after M E injection air receivers, internally. No 3. Aux Engine. (Stbd) Examined No 3 cylinder piston liner cover + fuel valve.

Repairs Spare piston rod fitted to Stbd No 6. M E. piston. P.T.O.

General Observations, Opinion, and Recommendation:—

(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 8,34,

The machinery of this vessel is in safe working condition and eligible in our opinion to remain as classed with fresh record of CS. with date on completion

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

Survey Fee (per Section 29)	£ ✓ : :	Fees applied for 19
Special Damage or Repair Fee (if any) (per Section 29.)	£ :	Received by me, 19
Travelling expenses (if chargeable)	£ : :	

S. Baxter & F.R. Fendley
Engineer Surveyor to Lloyd's Register of Shipping.

LIVERPOOL -8 OCT 1940

Committee's Minute

Assigned Deferred for completion of Machinery Survey.

W32447-0065 (1/2)

Rpt. 9a.

Port of LIVERPOOL Continuation of Report No. 114931 dated 20/9/40. on the

"Apapa"

In addition to the foregoing the following parts were examined at Lagos on the 12th August 1940.
See Certificate Attached.

No 3 Dynamo Engine. (Stbd).

No 4 Cylinder, Cover, liner & crank pin
Nos 4, 5, & 6 main bearings.
also the Fire Service pump.

Repairs. Spare piston & rod fitted to above.

The parts stated to have been examined at Lagos have been verified by me as far as practicable.

Noted

No. 3 due 1.39 advanced.

26/10/40