

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

(Received at London Office)

26 JAN 1942

Date of writing Report 25th Nov. 1941 When handed in at Local Office 27th Nov. 1941 Port of MOBILE, ALABAMA
Survey held at MOBILE Date, First Survey 30 July 1940 Last Survey 4th April 1941
on the Machinery of the M.V. "PHILAE"

Gross 4403 Vessel built at Pascagoula, Miss. By whom International S.B.Co. When 1920
Net 3245 Engines made at New London, Conn. By whom New London S. & E.Co. When 1932
436 Boilers, when made (Main) (Donkey) 1941
Main Boilers Owners Frango Corporation Owners' Address
Donkey Boilers 2 Managers Port Panama City, RP Voyage Galveston
Main Boilers If Surveyed Afloat & in Dry Dock
Donkey Boilers 150 lbs. (State name of Dock.) Alabama D.D. & S.B.Co.

Report No. Port

Particulars of Examination and Repairs (if any) Classification

Medical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of 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 the nature and extent of the damage should be briefly summarised at the end of the report. State also the names and initials of any letters respecting this case.

Where cases where the Surveyor has not made a special damage report he is required to state whether he has offered his services for this purpose, and why they were declined

Has a damage report made by anyone else? If so, by whom?

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

Donkey " " " " no

Was not done, state for what reasons? New donkey boilers built under Special Survey now fitted.

What parts of the Boilers could not be thus thoroughly examined?

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?

Latest date of internal examination of each boiler Present condition of funnel(s) good

Has the Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?

Has the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted under steam? 150 lbs.

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

Has the Surveyor examine the drain plugs of the Main Boilers? yes and of the Donkey Boilers?

Has the Surveyor examine all the mountings of the Main Boilers? yes and of the Donkey Boilers?

Has the crew shaft now been drawn and examined? new shaft new fitted 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 the shaft now been changed? If so, state reasons

Has the shaft now fitted been previously used? no 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? no

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft. close.

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted? yes

Has the Surveyor examine the generators, motors, switchgear, cables and fuses? yes

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

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

Is the vessel, launched in 1920, has now been re-engined and completed. The machinery now consists of

Two engines driving 1 Screw Shaft through S.R. gears.

The engines fitted are not new; they were taken out of a U.S. Navy submarine "CUTTLEFISH", but they have been completely opened up and examined, found to comply with the Rules, the materials and workmanship to be good and they have been satisfactorily tried at full power. For particulars please refer to First Entry Report herewith.

Do the two engines drive one Screw Shaft through Single Reduction Gearing. The gearing has been built under Special Survey as per Chicago certificate 357 herewith and it has been satisfactorily tried at full power.

Are new Stub shafts (connecting engines to Reduction Gear), one new Intermediate Shaft, a new Propeller Shaft, a new Stern Tube and Stern Bush and new Propeller have been fitted.

Are Auxiliary Generators are new. The other auxiliaries are new, or have been opened up and examined, and in good condition, tried at full load and found satisfactory.

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. 0,11, B.&M.S. 0,11, *L.M.C. 0,11, or *L.M.C. 140 lb., F.D., &c.)

The machinery of this vessel is now in good and safe working condition and eligible in my opinion

to be classed as recommended on First Entry Report herewith and to have record of LMC 4,41,

and 4,41 and SHAFT SEEN C.L. 4,41 in the Register Book.

Charged on First Entry Report.

Fees applied for

Received by me

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Signed See First Entry Report attached.

NEW YORK DEC 10 1941

Lloyd's Register Foundation

010572-010579-0142

M. V. "PHILAE"

Several new seacocks were fitted and the old ones left were overhauled and made good.

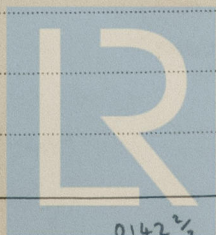
The steam and water piping arrangements are all new and have been fitted and tested in accordance with the Rules.

One Water Tube Donkey Boiler built under Special Survey and One Exhaust Gas Fired Water Tube Donkey Boiler also built under Special Survey have been fitted on board in accordance with the Rules and approved plans, and the safety valves have been adjusted under steam. Please see Mobile and Chicago First Entry Reports herewith.

Three starting air receivers built under Special Survey have been fitted on board and the safety valves adjusted to 360 lbs. per square inch.

The electrical machinery has been carefully examined. The Generators are new but several of the motors are old. These have been examined, meggered, found or made good and satisfactorily tried at full load.

[Handwritten signature]



© 2021

Lloyd's Register
Foundation