

REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND MACHINERY

(Received at London Office... 29)

Date of writing Report 7. 7. 42 When handed in at Local Office 7. 7. 42 Port of LIVERPOOL

No. in Reg. Book 36498 Survey held at Liverpool Date First Survey 26/5/42 Last Survey 1941

on the Machinery of the Wood, Iron or Steel S.S. "EMPIRE AVOCET" EX COFATI (No. of Visit 1)

Tonnage Gross 4963 6015 Vessel built at Oakland Cal. By whom Moore S.B. Co When 1919
 Net 4385 4315 Engines made at Hoboken By whom W.A. Hatch When —

Nominal Horse Power 637 Boilers, when made (Main) 1919 (Donkey) ✓

No. of Main Boilers 3 Owners Ministry of War Transport Owners' Address — Voyage ✓

No. of Donkey Boilers — Managers New Zealand Shipping Co. Ltd Port —

Steam Pressure in Main Boilers 180 210 If Surveyed Afloat or in Dry Dock yes (State Name of Dock Wanless, Sandon Langton)

in Donkey Boilers ✓

Last Report No. — Port —

Particulars of Examination and Repairs (if any) Other machinery

(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? ✓

Did the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? ✓

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 ✓ Present condition of funnel 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 the screw shaft now been drawn and examined? yes Is 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 shaft now been changed? ✓ If so, state reasons ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

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 7. 7. 42 State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft blue fit

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 complete

Now done: - Licence No 7433 -

Vessel placed in dry dock, propeller, tail shaft, stern bush, sea fastenings examined.

Repairs Work Done

New solid (CI) propeller fitted (old propeller blades broken)

General Service Pump - suction valve seats renewed.

Main engine air pump overhauled as found necessary

Spare dynamo bottom ends reinstalled

Secondary minor repairs

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 R.L.S. 3,34, 140 lb., F.D., &c.)

as far as now seen is in good & efficient condition & eligible in my opinion to remain as now classed.

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 charged) £ : : W. H. Duggali Engineer Surveyor to Lloyd's Register of Shipping.

LICENCE ON LIVERPOOL 28 JUL 1942
 Committee's Minute
 Assigned As now without special conditions

CHARACTER for Special Survey Date of last Survey and of Periodical Surveys.	Year and how long expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+100A.1 Spector		+L.M.C 9.41
OK with forward 9.41		ALCOYD'S RMC 9.41
C.S.B.A. 2-103.9.41		F(C) 8.41
Fitted for one fuel 8.19.F.P. above 150 F		

If so, is the Report sent now, or when will it be sent?

10m.2.41.—Transfer Ink. (The Surveyors are requested to write on or below the space for Committee's Minute.)

Insert Character of Ship and Machinery precisely as in the Reg.

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

7500-0072



