Rpt. 9.

No. 116686

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

(Received at London Office ..... 2 OCT 1941 .....)

Date of writing Report 14. 9. 1941 When handed in at Local Office 2. 9. 1941 Port of LIVERPOOL

No. in Reg. Book. 76280 Survey held at Liverpool Date ~~First~~ Survey 20.8.41 Last Survey 10.9.41 (No. of Visits 6 19)

on the Machinery of the ~~Wood, Iron or~~ Steel M.V. "IMPERIAL STAR"

25589 Tonnage { Gross 12427 / Net 7672

Nominal Horse Power 1631

No. of Main Boilers ✓

No. of Donkey Boilers 2

Steam Pressure— in Main Boilers ✓ in Donkey Boilers 100

Vessel built at Belfast By whom Harland & Wolff Ld When 1935-1 (Year. Month.)

Engines made at — do — By whom — do — When — do —

Boilers, when made (Main) ✓ (Donkey) 1935

Owners Frederick Leyland & Co Ld ✓ Owners' Address (if not already recorded in Appendix to Register Book.) ✓

Managers ✓ Port Belfast Voyage ✓

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

Last Report No. Port

Particulars of Examination and Repairs (if any) +L.M.C.CS.

(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. ✓

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).
+100A.1 bulk		+L.M.C.CS 11.39
freeboard 4.41		6.39
S.S. Liv. No 1.39		DBS 6.39
		+100 Y DS RMC 4.41
		TS/(CC)S 6.39
1.39 "		TS(CC)D 4.41
		Oil Engines

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? ✓

" " 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 ✓ 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 the screw shaft now been drawn and examined? ✓ 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 Vessel afloat

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 Continuous Survey

How Done — Licence No 5404 —

Examined the main engines, port Los 2 & 9, stb 5 & 6 bottom end pins & brasses & top stb crosshead. Examined P.E. No 4 & S.E. No 10 cylinders, liners, pistons, valves & valve gears, crossheads, brasses & guides; port & stbd fresh water coolers tested. Oil fuel installation examined. Copy of Interim certificate issued herewith attached. Defaulting main repairs.

The Chief Engineer stated that the Donkey boiler safety valves had been adjusted in New Zealand in July 1941.

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

(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 CS 3,34, 140 lb., F.D., &c.)

far as now seen is in good & efficient condition & eligible in my opinion to remain as now classed with fresh record of +L.M.C.CS with date, on completion of the survey.

Survey Fee (per Section 29) £ : : Fees applied for 19

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

Travelling expenses (if chargeable) £ : : Received by me, 19

30 SEP 1941 LIVERPOOL

H Taylor & W Doggett

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned As now.

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

Insert Character of Ship and Machinery precisely as in the Register Book.

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

W1135-0099

Noted.

The Surveyor should state whether the oil fuel installation referred to is that for the Boilers or for the oil engines.

S.B.S. due 14.1 part held
4.1.41 Stated completed
in New Zealand in 7.41

1/10/41