pt. 9.

No. 55904

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

(Received at London Office 12 JUL 1947)

Date of writing Report 11th July 1947 When handed in at Local Office 11th July 1947 Port of CARDIFF

No. in g. Book. 6938 Survey held at CARDIFF Date. First Survey 16th June Last Survey 3rd July 1947 (No. of Visits 3)

on the Machinery of the ~~XXXXXXXXX~~ Steel M/V "KING ALFRED"

nnage { Gross 6919 / Net 4151

Nominal rse Power -

. of Main Boilers -

. of Donkey Boilers 2

eam Pressure— in Main Boilers -

in Donkey Boilers 120lbs.

Vessel built at GREENOCK. By whom GREENOCK DOCKYARD CO.LTD. When 1941 (Year. Month.)

Engines made at GLASGOW. By whom BARCLAY, CURLE & CO.LTD When 1941

Boilers, when made (Main) - (Donkey)

Owners KING LINE LTD. Owners' Address - (if not already recorded in Appendix to Register Book.)

Managers DODD, THOMSON & CO.LTD. Port LONDON. Voyage

If Surveyed ~~afloat or~~ in Dry Dock MOUNTSTUART DRY DOCK. (State name of Dock.)

st Report No. Port

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) |
|---|---|---|
| 100A1 | | |
| (Classification | | Oil engine. |
| contemplated) | | |
| 1,46 | | |
| Examined 9,45 | | |

OIL ENGINES CONTINUOUS SURVEY.

rticulars of Examination and Repairs (if any) Docking, Part C.S. & D.B.S.

riodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, if any, nd, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be ated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly ummarised at the end of the report. State also the dates and initials of any letters respecting this case

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 -

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

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

" " Donkey " " " yes

not, state for what reasons - What parts of the Boilers could not be thus thoroughly examined? -

hat 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? -

te latest date of internal examination of each boiler S.16-6-47 P.26-6-47 Present condition of funnel(s) good

d the Surveyor examine the Safety Valves of the Main Boilers? - To what pressure were they afterwards adjusted under steam? -

d the Surveyor examine the Safety Valves of the Donkey Boilers? yes To what pressure were they afterwards adjusted under steam? 120lbs.

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

d the Surveyor examine the drain plugs of the Main Boilers? -, and of the Donkey Boilers? -

d the Surveyor examine all the mountings of the Main Boilers? -, and of the Donkey Boilers? yes

s the screw shaft now been drawn and examined? yes Has it a continuous liner? yes Is an approved oil retaining appliance fitted at the after end? -

s shaft now been changed? No. If so, state reasons - Has the shaft now fitted been previously used? - Has it a continuous liner? -

n approved oil retaining appliance fitted at the after end? - State date of examination of Screw Shaft 18-6-47 State the wear down in the tern bush close Is electric light and/or power fitted? Yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? yes

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

*Engine parts, when referred to by numbers, should be counted from forward.*

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

mage stated to have been caused by vessel grounding at Hong Kong on the 25th August 1946.

W DONE:- Vessel placed in dry dock propeller, stern bush and sea connection fastenings examined. Propeller, shaft drawn in and examined, propeller blade tips faired and built up. Sea cocks and valves, Steering engine.

PART C.S. Examined Nos.1 & 2 Cylinders, pistons, liners and transverse beams, Sea cocks and valves, Steering engine, Windlass, Electrical installation examined and megger tested. Dynamos tested under load. Governors tested.

S Examined donkey boilers internally and externally with their safety valves, doors and mountings, Safety valves adjusted under steam to the pressure stated above. Oil fuel installation and steam smothering arrangements examined and tested.

S.R.List Transverse beam No.2 engine renewed.

neral Observations, Opinion, and Recommendation:— The Machinery of this vessel is eligible in my

*(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, BS 9,11, B&MS 9,11 ✠LMC 9,11 or ✠LMC 140 lb., FD, &c.) CS 3,34,*

nion to have record of LMC.CS. as contemplated and record of DBS.7,47 and notation of TS(CL) 7,47 em in S.R.List concerning transverse beam No.2 engine to be deleted.

vey Fee (per Section 29) D.B.S. £ 7 : 0 : 0
Elec 5 0 0
cial Damage ~~Survey~~ Fee (if any) (per Section 29.) £ 5 : 5 : 0
velling expenses (if chargeable) £ : :

Fees applied for 4th July 1947
Received by me, 19

Hamish McG. Paton
Engineer Surveyor to Lloyd's Register of Shipping.

LICENCE CASE ✓ FIL 15 AUG 1947

mmittee's Minute DBS 7.47

igned S7.47(CL)

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

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

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