

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

23 NOV 1948

(Received at London Office)

24 NOV 1948

Date of writing Report... 12-11-1948... When handed in at Local Office... 19... Port of Glasgow
 No. in Survey held at Glasgow Date. First Survey 25-10-48 Last Survey 8-11-1948
 g. Book. 4862 on the Machinery of the Wood, Iron or Steel M.V. "KING ALFRED" (No. of Visits EIGHT)

Gross 6919 Vessel built at Glenoch By whom Glenoch Dockyard Co Ltd Year. Month. 1941
 Net 4151 Engines made at Glasgow By whom Barclay, Currie & Co Ltd When 1941
 Nominal 684 Boilers, when made (Main) (Donkey) 1941
 of Main Boilers ✓ Owners Hing Line Ltd Owners' Address (if not already recorded in Appendix to Register Book.)
 of Donkey Boilers 203 Managers Dodd Thomson & Co Ltd Port London Voyage
 Pressure If Surveyed Afloat or in Dry Dock Afloat: Meadowside Quay
 Main Boilers ✓ (State name of Dock.) Princes Dock

Report No. Port
 Particulars of Examination and Repairs (if any) CS
 Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

100 A1 with fuelboard 4.48
 bil engine 4.44
 bil 4.44
 SS 4.44
 SEE SPL. NOTE S.R.L. (MACHY)

State for what reasons ✓ What parts of the Boilers could not be thus thoroughly examined? ✓
 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? ✓
 Last date of internal examination of each boiler ✓

Surveyor examine the Safety Valves of the Main Boilers? ✓ To what pressure were they afterwards adjusted under steam? ✓
 Surveyor examine the Safety Valves of the Donkey Boilers? ✓ To what pressure were they afterwards adjusted under steam? ✓
 Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? ✓ and of the Donkey Boilers? ✓
 Surveyor examine the drain plugs of the Main Boilers? ✓ and of the Donkey Boilers? ✓
 Surveyor examine all the mountings of the Main Boilers? ✓ and of the Donkey Boilers? ✓

Screw shaft now been drawn and examined? ✓ Has it a continuous liner? ✓ Is an approved oil retaining appliance fitted at the after end? ✓
 Now been changed? ✓ If so, state reasons ✓ Has the shaft now fitted been previously used? ✓ Has it a continuous liner? ✓
 Approved oil retaining appliance fitted at the after end? ✓ State date of examination of Screw Shaft ✓ State the wear down in the ✓
 Is electric light and/or power fitted? ✓ If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? ✓

Insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? ✓
 Engine parts, when referred to by numbers, should be counted from forward. Complete
 Is not complete, state what arrangements have been made for its completion and what remains to be done Complete

NE The following machinery parts examined & found or placed in good condition
 N°1 main engine cylinder liner, top & bottom pistons & transverse beam.
 N°2, 3 & 4 main engine centre bottom ends and crankpins
 N°2 main engine side & bottom ends & crankpins & main engine driven scavenge pump.
 Forward & after auxiliary air compressor, H.P. I.P. & L.P. coolers. (tested)
 The forward, centre & after diesel oil daily service tanks
 Fresh water & lubricating oil coolers. Spare gear checked.
 N°1 transverse beam removed ashore to makers & reconditioned & piston rings renewed in N°1 top & bottom pistons.

Noted in Secretary's letter to Barclay Surveyors 14-10-48. Particulars of the machinery have been obtained from the
 as per attached Report 4 b. Sizes & particulars have been checked on board as far as practicable.

Observations, Opinion, and Recommendation:— The machinery of this vessel as now seen is in safe & efficient
 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.)
 & eligible in my opinion to remain as classed with record of LMC CS with date when the survey has been

Section 29) £ : : Fees applied for 19
 or Repair Fee (if any) £ : : Received by me, 19
 Section 29.)
 Senses (if chargeable) £ : :
 8 Minute GLASGOW HC

As now

Engineer Surveyor to Lloyd's Register of Shipping.

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

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