

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

(Received at London Office)

7 FEB 1943
LIVERPOOL

Date of writing Report 23. 1. 43 When handed in at Local Office 23. 1. 43 Port of LIVERPOOL

No. in Survey held at 76798 on the Machinery of the Wood, Iron or Steel S.S. "KING GRUFFYDD" Date. First Survey 8/1/43 Last Survey 22/1/1943 (No. of Visits 7)

Tonnage Gross 5072 Net 3140 Vessel built at Hong Kong By whom Hong Kong & N. S. P. Co. Ltd. Year. Month. 1919-12

Nominal Horse Power 517 Engines made at 1919 (Donkey) By whom - do - When - do -

No. of Main Boilers 3 Owners King Line Ltd. Owners' Address (if not already recorded in Appendix to Register Book.) London Voyage - do -

No. of Donkey Boilers 3 Managers Dodd Thomson & Co. Ltd. Port London

Steam Pressure in Main Boilers 180 If Surveyed Afloat or in Dry Dock (State name of Dock) Langton & Henderson

in Donkey Boilers

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 or expired.	Machinery and Boiler Surveys (including date of N.B., if any)
+100A.1 742		+L.M.C
S.S.G.D. N.3.8.31		M.S. 6.36
S.S.S.H.L. N.01.36		B.S. 1.4.2
Examined 1.4.2		T.S.(C.L.) 2.4.2

Last Report No. Port General Examination

Particulars of Examination and Repairs (if any) Commencement of B.S.

(Periodical Surveys, when held, must be reported in detail and serially 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? *Should examine*

Did the Surveyor examine the Safety Valves of the Main Boilers? *Should examine*

Did the Surveyor examine the Safety Valves of the Donkey Boilers? *Should examine*

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? *Should examine*

Did the Surveyor examine all the mountings of the Main Boilers? *Should examine*

Has the screw shaft now been drawn and examined? *Should examine*

Has shaft now been changed? *Should examine*

Is an approved oil retaining appliance fitted at the after end? *Should examine*

Is electric light and/or power fitted? *Should examine*

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

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

The port boiler requires to be examined in its entirety & all boiler safety valves require to be adjusted under steam. The Owners Superintendent stated that the boiler survey would be completed at the first convenient opportunity.

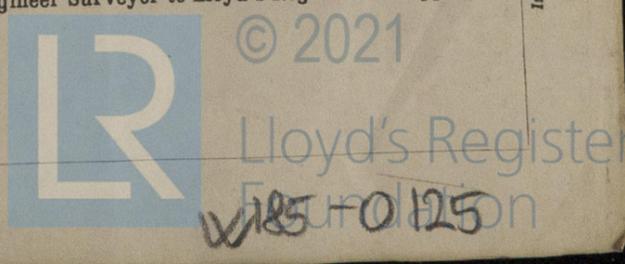
How done:- Vessel placed in dry dock, propeller, aft end of tail shaft, sea fastenings examined. Examined H.P. cylinder & piston & L.P. valve & its casing. The remainder of the machinery generally examined as far as practicable & found satisfactory. Bilge pumping arrangements examined. Essential pumps tried & started under working conditions. The main engines tried under working conditions "ahead".

General Observations, Opinion, and Recommendation: *The machinery of this vessel as far as now seen is in good & efficient condition & eligible in my opinion as now classed with fresh Record of B.S. 1.4.3 on completion of the survey.*

Survey Fee (per Section 29) £ 4 : 0 : 0
 Special Damage or Repair Fee (if any) £ 3 : 3 : 0
 Travelling expenses (if chargeable) £ 3 : 3 : 0

LICENCE CASE
 Committee's Minute LIVERPOOL 2 FEB 1943
 Assigned As now

H. Hadagott
 Engineer Surveyor to Lloyd's Register of Shipping.



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

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

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

10m.7.42.—Transfer Ink (The Surveyors are requested not to write on or below the space for Committee's Minute.)

A. & King GRUFFYDD

Examined Stabd & centre boilers internally & externally with safety valves, mountings, manholes, doors & fastenings

Repairs Near Sea

Stabd Boiler:- Stabd combustion chamber lip plate at side sent to steel reinforced with E.W. front back tube plate sent to steel at bottom reinforced with E.W. Feed check valve chest removed from steel & shell where corroded built up with E.W. & chest refilled.

Centre Boiler:- 2 safety valves renewed. Sundry minor repairs.

Electrical Equipment generally examined & listed in accordance with Circular No 1792 & found satisfactory.

Repairs Generator & switchboard & wiring throughout work overhauled. Insulation several faults located & removed. A number of sub-circuits renewed.

The boiler repairs to be examined in its entirety & the boiler safety valves repairs to be completed under supervision. The current repairs to be completed at the first convenient opportunity.

These places in dry dock, firebricks, etc. and other work, see following examined. Examined H.P. boiler & parts & etc. & etc. The remainder of the machinery generally examined & repaired as far as practicable & found satisfactory. Bridge pump & other machinery examined & repaired. The main engine trial under working conditions.

The machinery after being in good & efficient condition & after being in good & efficient condition & after being in good & efficient condition.

Noted
At one 143 part held

Examined 1.43.
D.A.
9/10/43

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3 3 0
3 3 0