

Rpt. 9.

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

(Received at London Office.....)

3 FEB 1945

125001

(Received at London Office

37 FEB 1945
LIVERPOOL

Port of

Date of writing Report 23. 1 1943 When handed in at Local Office 23. 1 1943
8/1/43 Last Survey 22/1/43

No. in Survey held at L. Wierpool Date. 1919
Reg. Book. 76798 S. S. "KING GRUFFYDD"
on the Machinery of the ~~Wood, Iron or Steel~~ Hammer and Hammer Dr. C. W. H. Year. Month. 1919-12

Tonnage { Gross 5072 Vessel built at Hong Kong By whom — do — When — do —
Net 3140 Engines made at 1919 (Donkey)
Nominal 517 Boilers, when made (Main)
Horse Power 3 Owners King Line Ltd. Owners' Address
No. of Main Boilers 3 (if not already recorded in Appendix to Register Book.)
No. of Donkey Boilers 180 Port London Voyage
Steam Pressure in Main Boilers 180 Managers Doan Thomson & Co.
in Donkey Boilers 180 If Surveyed Afloat or in Dry Dock
(State name of Dock) Kingston

Particulars of Classification which must be inserted precisely as in Register Book & Supplements).

CHARACTER.	Machinery and Boiler
* for Special Survey.	Surveyed
Years assigned for special survey.	Boiler
Boiler	Boiler

Last Report No. _____	Port _____	Date _____	Periodical Surveys.	_____	_____
		General _____	+11-41 742		+L.M.C

Particulars of Examination and Repairs (if any) *Recommendations of the*

(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.)

<i>T/10041</i>	<i>MS.</i>	<i>6.36</i>
<i>SS SHL. No 3-8-31</i>	<i>B.S.</i>	<i>1.4</i>
<i>SS SHL. No 1-36</i>	<i>TS/CL)</i>	<i>2.4</i>
<i>Examined 1.4.2</i>		

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 mention* _____ *Yes* _____

If not, state for what reasons Pont. Boilers under steam. What parts of the Boilers could not be thus thoroughly examined? _____ ✓

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
What pressure were they afterwards adjusted under steam?

Did the Surveyor examine the Safety Valves of the Main Boilers? *yes* To what pressure were they afterwards adjusted under steam? *150 lbs*

Did the Surveyor examine the Safety Valves of the Donkey Boilers? *Shall examine* To what pressure were they afterwards adjusted under steam? *150 lbs*

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

Did the Surveyor examine the drain plugs of the Main Boilers? *no* and of the Donkey Boilers? *yes*

Did the Surveyor examine all the mountings of the Main Boilers?.....
Has the screw shaft now been drawn and examined?..... Has it a continuous liner?..... Is an approved oil retaining appliance fitted at the after end?.....
Has the shaft now fitted been previously used?..... Has it a continuous liner?.....

Has shaft now been changed? If so, state reasons Has the shaft now been changed? State the wear down of
Is an approved oil retaining appliance fitted at the after end? State date of examination of Screw Shaft
If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? *Yes*

stern bush..... Is electric light and/or power fitted.....
Has the 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.
Engine parts for its completion and what remains to be done.....

If the Survey is not complete, state what arrangements have been made for its completion and when it will be completed.

Owners Superintendent stated that he would have
be completed at the first convenient opportunity

Now done:- Vessel placed in dry dock, propeller, aft end of the hull examined.

shaft, sea fastening
Examined H.P. cylinder & piston & L.P. valve & its ca
The remainder of the machinery generally examined

as far as practicable & proper safety
Bilge pumping arrangements examined. Essential

pumps tried / tested under working conditions
The main engines tried under working conditions "also"

General Observations, Opinion, and Recommendation:—The machinery of this vessel as per
 (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 alterations in the 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,

how seen is in good & efficient condition & eligible in my
to be made in the records of the vessel's machinery, etc.

to remain in the
on completion of the survey.

Survey Fee (per Section 29) BA £ 4.00 Fees applied for 27 JAN 1953
3.3.8 19

L. H. Aggolt

Special Damage or Repair Fee (if any)..... £ 3 : 3 : 0
(per Section 29.)
Travelling expenses (if chargeable)..... £ : :
Received by me, 19.....
Engineer Surveyor to Lloyd's Register of Ships

LICENCE CASE
Committee's Minute LIVERPOOL ✓ 2 FEB 1913
Assigned As now -

Assigned
now 7. 84. 9/10/84



astern & found solis fastenings
Examined Starboard & centre boilers internally & externally
with safety valves, mountings, manholes, doors & fastenings

Repairs Near Star

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

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

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

Repairs Engine room & switch board & wiring throughout work overhauled. Low
insulation several faults located & removed. A number of sub-circuits renewed.

The port boiler requires to be examined in its entirety & as
boiler safety valves require to be repaired under supervision. The
current inspection states that the boiler is in good working order
is completed at the first convenient opportunity.

These places in dry dock, propeller, etc. and other
parts, are being examined.
Examined H.P. cylinder & piston & P. valve & as found
The remainder of the machinery generally examined & found
as far as practicable & found satisfactory.
Bridge pump & pump arrangements examined & found
found to be in good working order.
The main engine trial under working conditions
The working of the vessel is found to be satisfactory.

Noted
At due 143 part held

Examined 1.43.
9/10/43

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0 3 3
0 3 3