

No. 86682

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office 31 MAY 1923)

Writing Report 30th May 1923 When handed in at Local Office 30th May 1923 Port of London

Survey held at London Date, First Survey 25th APRIL Last Survey 30th May 1923 (No. of Visits 8)

on the Machinery of the Wood, Iron or Steel *Wm & S WANGARATTA*

Gross 1918 Net 2696 Vessel built at Belfast By whom *Kirkman Clark & Co^l* When 1919

Engines made at *do* By whom *do* When *do*

Boilers, when made (Main) 1919 (Donkey) 1919 Owners *British India Steam Co^l* Port Glasgow Voyage

Donkey Boilers 1 Owners *British India Steam Co^l* Port Glasgow Voyage

Pressure 200 Surveyed Afloat or in Dry Dock *Albert* (State name of Dock.)

Key Boilers 100

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.R., if any).
		<i>Lloyd's Reg^l</i> <i>11.22</i>

Report No. Port
Particulars of Examination and Repairs (if any) Classification

Special Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent of examinations and subsequent repairs. Repairs due to damage (the cause of which must be stated) should be separated from repairs due to other causes; and being detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.

Large 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?

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *Yes Port + Centre*

" Donkey " " " *Yes*

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?

Surveyor examine the Safety Valves of the Main Boiler? *yes* To what pressure were they afterwards adjusted under steam? *200lbs*

Surveyor examine the Safety Valves of Donkey Boiler? *yes* To what pressure were they afterwards adjusted under steam? *100lbs*

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

Surveyor examine the drain plugs of the Main Boilers? *yes*, and of the Donkey Boiler? *yes*

Surveyor examine all the mountings of the Main Boilers? *yes*, and of the Donkey Boiler? *yes*

Shaft now been drawn and examined? *yes* Is it fitted with continuous liner? *yes* Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? *no*

Shaft now been changed? *no* If so, state reasons

Shaft now fitted new? Has it a continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? *8" both*

Surveyor is not complete state what arrangements have been made for its completion and what remains to be done? *Complete*

placed in dry dock. The propellers, sea connections & fastenings examined. Shafts drawn in & with stern bushes etc examined & found in order. Pistons, slide & piston valves, pumps main & auxiliary, Condensers, all shafting & piping connections & the machinery generally entirely opened up, examined & found in good order. Scantlings ascertained & are as noted in 1st Entry Report 4.5^a + 13 & Centre main boiler (Hatched & surveyed at Brunmouth, Bristol Rept 11160) & the Donkey boiler with all mountings opened up & found in order. Scantlings ascertained & compared with plans (See "Royalstar" for M36 - S36 plan enclosed). Machinery examined under steam and safety valves adjusted.

General Observations, Opinion, and Recommendation:—

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, or L.M.C. 9.11, &c. (B., F.D., &c.)

Machinery of this vessel is eligible in my opinion for Classification under the Rules of L.M.C. 5.23 & screw shafts seen (CL) 5.23.

Consideration (per Section 28) £ 50:0:0
Survey or Repair Fee (if any) (per Section 28.)
Expenses (if chargeable) £ 11:6:23
Received by me, *E. J. Stoddart*
FRI. JUN. 8 1923

Committee's Minute
Amk. 5.23
CERTIFICATE WRITTEN
FRI. 23 NOV. 1923
TUE DEC. 18 1923
FRI 20 JUN 1924
TUES 25 NOV 1924
THURS 18 AUG 1925
FRI. 12 MAR 1926
Lloyd's Register
WED. JUN APR 1926

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

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

W223-0102