

Survey for Repairs, &c., of Engines

(Received at London Office)

Of writing Report 1st August 1907 When handed in at Local Office 1st August 1907 Port of Calcutta

No. in Reg. Book. Survey held at Calcutta Date, First Survey 11th May L. 1

on the Machinery of the Wood, Iron or Steel ss "Fortunatus"

Age { Gross 3425
Net 2135

Registered { 390
Power {

of Main Boilers 3

of Donkey Boilers ✓

Pressure—
Main Boilers 180 lbs

Donkey Boilers ✓

Vessel built at Newcastle By whom Armstrong Whitworth & Co.

Engines made at Newcastle By whom M. S. Marine Eng. Co.

Boilers, when made (Main) 1901 (Donkey)

Owners A. Currie & Co. Port Melbourne Vo

If Surveyed Afloat or in Dry Dock Whiddergore Dry Dock & Lower Union Dry Dock

(State name of Dock.)

st Survey No. Port

Particulars of Examination and Repairs (if any) Damage

Medical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature 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 sides 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.

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? also whether any damage report was made, and, if so, by whom?

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

Do. " Donkey " " " No donkey boiler

is was not done, state for what reasons?

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?

the Surveyor examine the Safety Valves of the Main Boiler? Yes

To what pressure were they afterwards adjusted under steam? 130 lbs per sq. in.

the Surveyor examine the Safety Valves of Donkey Boiler? ✓

To what pressure were they afterwards adjusted under steam? ✓

the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes

, and of the Donkey Boiler? ✓

the Surveyor examine the drain plugs of the Main Boilers? Yes

, and of the Donkey Boiler? ✓

the Surveyor examine all the mountings of the Main Boilers? Yes

, and of the Donkey Boiler? ✓

screw shaft now been drawn and examined? Yes

Is it fitted with continuous liner? Yes

or two liners? ✓

or is it without liners? ✓

s shaft now been changed? No If so, state reasons

the shaft now fitted new? ✓

Has it a continuous liner? ✓

or two liners? ✓

or is it without liners? ✓

te the distance between lignum vitae of stern bush and top of after bearing of screw shaft? About 3/32"

the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete, except L.P. Slide valve has

upper end, a crack about 10" long, over which a substantial patch is well fitted & bolted. It has been arranged that a new valve will be fitted at the first convenient opportunity. The patched slide valve is in safe working condition.

The present survey of the vessel's Engines & Boilers is made in consequence of her having stranded on an uncharted reef off the N. Coast of Flores Island, on the 5th April 1907, while on a voyage from Melbourne to Calcutta via Torres Straits, Java & Singapore. (See accompanying copy of damage survey report.)

Now done - While the vessel was in dry dock - screw shaft drawn & together with stern tube & bush examined. Sea cocks & valves taken out & examined, found good & in order.

Stern bush in great part re-wooded & shaft & propeller re-shipped; crank, thrust & turner shafts, cylinders, pistons, piston & slide valves & casings, valve gears, piston & connecting rods, condenser, pumps & bedplate examined; main engines found in good order. Repairs - L.P. crank pin brasses re-mated & re-fitted; L.P. slide valve patched, as described above; & auxiliary condenser & 5 donkey pumps overhauled & placed in good order.

Main boilers examined internally & externally; examination also made of their safety valves & fittings.

General Observations, Opinion, and Recommendation:—

(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, B.S. 9,05, B.A.M.S. 9,05, or L.M.C. 9,05, 140 lb., F.D., &c.)

The Engines & Boilers of this vessel are now in good order & safe working condition & eligible, in my opinion, to remain as Classed & to have notification of **MS 7.07**; **BS 7.07** & 'Tail shaft seen 7.07' in the Register Book.

Survey Fee (per Section 28) £ : :
Special Damage or Repair Fee (if any) £ 256
Attendants on Sundays the 12th May & 30th June 1907.
Travelling Expenses (if chargeable) £ : :

Fees applied for
31-7-1907
Received by me,
1-8-1907

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute **TUES. 20 AUG 1907**

FRI. 15 NOV 1907

Assigned

L.M.C. 7.07
subject



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Lloyd's Register
Foundation

W902-0135

no grounding.
Screw shaft & machinery exam'd
L.V. slide valve patched &
minor repairs effected.

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

It is submitted that
this vessel is eligible for
THE RECORD. + L.M.C. 7.07.
It is submitted that
this vessel is eligible to
remain as **CLASSED.**
Subject to the L.V.
slide valve being
renewed at first
opportunity.

S.C. 19.8.07
S 7.07

of Caliph No 2470 on the Machinery of the S.S. "Fortuna"
ships; then safety valves adjusted to 180 lbs working steam pressure;
placed in good order generally. Repairs—mountings overhaul & made
4 of them before made & (on account of wear & tear—your ships fitted to
middle boiler).

W.A.
1/8/07.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.