

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

(Received at London Office

26 MAR 1929

Date of writing Report *28th March 1929* When handed in at Local Office *25th March 1929* Port of *Plymouth*

No. in Reg. Book. *23896* Survey held at *Plymouth* Date, First Survey *14th March 1929* Last Survey *21st March 1929* (No. of Visits *5*)

75818 on the Machinery of the *Wood, Iron or Steel* S.S. "*Inchdounie*"

Tonnage { Gross *6596* Vessel built at *Kirkcaldy* By whom *Kirkcaldy S. & Co.* When *1921* - *5*
 Net *4034* Engines made at *Glasgow* By whom *J. Gordon & Co. Ltd.* When *1921*
 Nominal Horse Power *678* Boilers, when made (Main) *1921* (Donkey) *✓*
 No. of Main Boilers *3* Owners *J. Fletcher* Owners' Address *(if not already recorded in Appendix to Register Book)*
 No. of Donkey Boilers *✓* Managers *✓* Port *Glasgow* Voyage *Panama*
 Steam Pressure in Main Boilers *200* If Surveyed Afloat or in Dry Dock *Plymouth* *✓*
 in Donkey Boilers *✓* (State name of Dock.)

Last Report No. *16200* Port *Ant.*

Particulars of Examination and Repairs (if any) *Repair*

When held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on the body of the vessel, should be separated from Repairs due to other causes; and the nature and details of any repairs should be briefly summarised at the end of the report. State also the date and initials of any letters respecting this case.

Where the Surveyor has not made a special damage report he is required to state whether he has examined his services for this purpose, and why they were declined? *✓*

Has a damage report been made by anyone else? If so, by whom? *✓*

Has the Surveyor personally gone inside each Main Boiler separately and made a thorough examination at this time? *✓*

" Donkey " " " *✓*

Was not done, state for what reasons? *✓*

At 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? *✓*

Has the Surveyor examined the Safety Valves of the Main Boiler? *✓*

To what pressure were they afterwards adjusted under steam? *✓*

Has the Surveyor examined the Safety Valves of Donkey Boiler? *✓*

To what pressure were they afterwards adjusted under steam? *✓*

Has the Surveyor examined all the manholes, doors and their fastenings of the Main Boilers? *✓*

, and of the Donkey Boiler? *✓*

Has the Surveyor examined the drain plugs of the Main Boilers? *✓*

, and of the Donkey Boiler? *✓*

Has the Surveyor examined all the mountings of the Main Boilers? *✓*

, and of the Donkey Boiler? *✓*

Has the screw shaft now been drawn and examined? *✓*

Is it fitted with continuous liner? *✓*

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? *✓*

Has the shaft now been changed? *✓* If so, state reasons *✓*

Has the shaft now fitted been previously used? *✓*

Has it a continuous liner? *✓*

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? *✓*

What is the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? *✓*

If the survey is not complete, state what arrangements have been made for its completion and what remains to be done? *Not complete: The safety*

valves of centre boiler require to be adjusted under steam to working pressure at first convenient opportunity.

Starboard boiler 8 new tubes fitted: Port boiler 5 new tubes fitted:

all doors in all boilers made tight as necessary: brickwork in furnaces

all boilers made good as necessary: main & auxiliary feed checks of

S.S. boiler overhauled and re-internal & 3 new tubes fitted: gauge glass

tips of 3 boilers overhauled & checked drain pipes cleared & put in order:

and joints on boilers re-made: one auxiliary feed pipe removed: clearing

steam drums repaired: 2 new safety valve springs fitted to centre boiler.

all valves examined under steam on completion of repairs & found tight.

main feed pumps shuttles & valves overhauled: lubricating oil pumps

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. 9,11, B.&M.S. 9,11, or S.L.M.S. 9,11, 140 lb., F.D., &c.)

The machinery of this vessel is in a safe working condition & is able to remain as classed, subject to Centre boiler safety valves being adjusted under steam to working pressure at first convenient opportunity.

(per Section 25) *£*

Damage or Repair Fee (if any) *£5.5.0*

(per Section 25.)

Expenses (if chargeable) *£*

Fees applied for

18 March 1929

Received by me,

18 March 1929

Committee's Minute/ *WED. 3 APR 1929*

as now

subject

While down

23/4/29

A. J. Thomas
 Engineer Surveyor to Lloyd's Register of Shipping.

TUE. 3 DEC 1928

FRI. 4 APR 1929

FRI. 4 JUL 1930

TUE. 8 JUL 1930

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W482-0348

S. P. Incl daitnic

valves overhauled & placed in order: independent air pumps
opened up, overhauled & 2 new bracket rings fitted: evaporator
safety valves, & mountings opened up & overhauled, coils scolded:
lubricating oil system tried & found in order.

A. T. T.

through to the other side.

4.2.-If this Report is copied by copying

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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