

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

(Received at London Office)

JUL 17 1939

State of writing Report: 15 JUL 1939 When handed in at Local Office Port of Sunderland
 Survey held at Sunderland Date, First Survey June 5 Last Survey July 13 1939
 on the Machinery of the s/s Stonegate (No. of Visits 22)
 Gross 5044 Vessel built at Sunderland By whom W Donford & Sons Ltd When 1928 - 1
 Net 3107 Engines made at Sunderland By whom J Dickinson & Sons Ltd When 1928
602 Boilers, when made (Main) 1928 (Donkey) 1928
 in Boilers 3 Owners Sunbull Scott Shipping Co Ltd Owners' Address (if not already recorded in Appendix to Register Book)
 key Boilers 1 Managers Sunbull, Scott & Co Port London Voyage Chile (S.A.)
 Boilers 1800 If Surveyed Afloat or in Dry Dock Afloat (Dickinsons Quay) Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 key Boilers 1000 (State name of Dock.)

Report No. 1891 Port AlseParticulars of Examination and Repairs (if any) Conversion to Superheat

At 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 on 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.

In cases where the Surveyor has not made a special damage report he is required to state whether he has made his services for this purpose, and why they were declined.

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

" Donkey " Yes

Not done, state for what reasons?

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?

At date of internal examination of each boiler

Surveyor examine the Safety Valves of the Main Boiler?

Surveyor examine the Safety Valves of Donkey Boiler?

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

Surveyor examine the drain plugs of the Main Boilers?

Surveyor examine all the mountings of the Main Boilers?

Shaft now been drawn and examined?

Now been changed? If so, state reasons.

Shaft now fitted been previously used?

Of examination of Screw Shaft

Line parts, when referred to by numbers, should be counted from forward.

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

C. all rule requirements remain to be carried out with the exception of those parts of machinery mentioned below. These items I have attention at first convenient opportunity.

- Main & Donkey Boilers examined internally & externally together with all mountings, doors & fastenings. In all boilers wastage was found on the line of firebars on all low fires

Reins:- Port Main Boiler All plain tubes in wing nests renewed.
Centre " " All plain tubes in wing nests & Starboard low nest renewed
Starboard " " All plain tubes in wing nests renewed
Wastage on line of firebars of all low furnaces built up with electric welding, also other minor repairs carried out.

General Observations, Opinion, and Recommendation:- The machinery of this vessel as now seen is in order & efficient condition & eligible in my opinion to remain as classed with Fresh Record of BS 6-39. The entry in the BS to be amended in respect of Main Boilers to read 3SB (Spt)

By Fee (per Section 29) BS £ 5 : 0 : 0
 Superheat Conversion 12 18 0
 al Damage or Repair Fee (if any) £ : :
 (per Section 29.)
 Selling expenses (if chargeable) £ : :
 Committee's Minute
 Signed not Spt

Fees applied for

15 JUL 1939

Received by me

27 JUL 1939

1939

TUE 28 JUL 1939

MR 31/7

J Grieve
 Engineer Surveyor to Lloyd's Register of Shipping.



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 Foundation

W443-0243 1/2

Is a Certificate required? If so, to be sent to P.T.O.

S/S Stonegate

Superheat Conversion :- The installation converted to use superheated steam in accordance with the approved plans & the requirements of the rules.

new perlit iron liner fitted to High Pressure cylinder
new perlit iron liner fitted to High Pressure Valve Chamber
Smoke tube superheater headers & elements fitted in 3 main boilers (Manchester Certificate attached)

The new piping & cast steel valves tested to 540 lbs.
The installation tested in place to 360 lbs & found satisfactory.

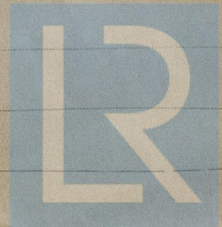
An oil trap fitted in exhaust steam line before admission to contact heater & tested to 40 lbs.
Diameter of HP cylinder unaltered.

M.S :- all other main steam pipes removed, annealed examined & tested as per Rule

Examined, High Pressure cylinder, piston & valve, Intermediate Pressure valve, three crank pins & bottom end bearings.
Main & Auxiliary Condensers (tested) & all auxiliary pumps & connections new water end fitted to ballast pump.

The machinery was afterwards tried under steam alongside quay with satisfactory results & the safety valves of the Main & Donkey boilers adjusted under steam to above pressures.

RETAIN



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