

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

Date of writing Report 24th Janry 96 When handed in at Local Office 18 Port of London
No. in Reg. Book. 1030 Survey held at Tilbury Date First Survey January 7th Last Survey 24th Janry 1896
on the Machinery of the Wood, Iron or Steel S.S. "Austral" Master J. M. Luke
Tonnage { Gross 3524 Net 3214 Vessel built at Glasgow By whom J. Older & Co When 1881 Boilers, when made (Main) 1881 (Donkey) 1895
Registered Horse Power 1004 Engines made at Do Owners Orient Steam Nav. Co Port Glasgow Voyage Australia
No. of Main Boilers four No. of Donkey Boilers one Steam Pressure in Main Boilers 95 If Surveyed Afloat or in Dry Dock Tilbury wet & dry docks Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
in Donkey Boilers 95 (State name of Dock.)

Last Survey No. 56962 Port Lon
Particulars of Examination and Repairs (if any) S.S. No 3
(Periodical Surveys, when held, must be reported in detail and serially 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.)

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes.
Do. " Donkey " " " No. - New in 1895.
If this was not done, state for what reasons? -
And what parts of the Boilers could not be thus thoroughly examined? -
Also 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? -
Did the Surveyor examine the Safety Valves of the Main Boiler? Yes.
At what pressure were they afterwards adjusted under steam? 94 lb.
Did the Surveyor examine the Safety Valves of Donkey Boiler? No
To what pressure were they afterwards adjusted? Not adjusted
Has the propeller shaft been drawn and examined at this time? No.
If the Survey is not complete state what arrangements have been made for its completion? Complete

Now done - Vessel placed in dry dock - all sea & bilge connections examined. The propeller and its fastenings examined & found in order. The cylinders, pistons, slide valves, pumps, condenser, all main & thrust shafting also crank pins examined & found in order. The Main boilers examined internally & externally, their safety valves examined & adjusted under steam.
The H.P. cylinder cover was found to be cracked in a circumferential direction & this was now patched - there are also two additional patches fitted previously which appear to be tight. All the patches are on the bottom part of the casting.

General Observations, Opinion, and Recommendation:— This vessels machinery is in
(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. 404, B.&M.S. 404 or L.M.C. 404, 100 lb., F.D., &c.)
safe working condition and eligible, in my opinion, to remain as classed with record of survey L.M.C. 1.96. subject to the H.P. cylinder cover being again examined on vessels return four months hence.

Office or Registration Fee (per Sec. 27) £ : : Fees applied for 28 Jan 1896
Survey Fee (per Section 28) £ 5:10:0 Received by me, R. Elliott
Special Damage Fee (per Section 28) £ 11:0 12/2/96
Travelling Expenses (if chargeable) £ 4:19:0
State if Certificate is required
Committee's Minute FRI. JAN 31 1896
Assigned + L.M.C. 1.96 subject

