

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

(Received at London Office. JUN 1 MAY 1899)

Date of writing Report April 29th 1899 When handed in at Local Office April 29th 1899 Port of Aberdeen
 No. in Reg. Book. 61 Survey held at Aberdeen Date, First Survey April 2nd 1899 Last Survey April 27 1899
 on the Machinery of the Wood, Iron or Steel P.A. Saint Clair Master J. Sutherland
 Tonnage { Gross 627 Net 349 Vessel built at Glasgow By whom Randolph Elder & Co When 1868-2
 Registered Horse Power 219 Engines made at do When 1868 Boilers, when made (Main) 1885 (Donkey) 1885
 No. of Main Boilers one Owners Prof Scotland or B.S.B. Co Port Aberdeen Voyage Coasting
 No. of Donkey Boilers one If Surveyed Afloat or in Dry Dock at & in
 Steam Pressure in Main Boilers 60 lbs
 in Donkey Boilers 75 "

Last Survey No. _____ Port _____ Special No 1
 Particulars of Examination and Repairs (if any) LMC

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 and now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>*A 1.3.98</u>		<u>LMC.7.95</u>
<u>ADW 3.1.03.7.98</u>		<u>BS.4.98</u>
		<u>+NB.2.95</u>
		<u>+HDB.85</u>

(Periodical Surveys, when held, must be reported in detail and seriatim 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 " " " Yes. at the makers works
 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? 60 lbs
 Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes 2" dia To what pressure were they afterwards adjusted? 75 lbs
 Has the propeller shaft been drawn and examined at this time? Yes If spare propeller shaft fitted, state whether new? _____
 State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? 76"

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete
The tail shaft drawn & examined & found in order, the sea cocks & valves, sea connections & propeller fastenings examined. All cylinders, pistons, slide valves, pumps, condenser, all shafting, the main & donkey boiler & safety valves examined & found in good order - on account of wear & tear, the stern bush removed, the two centre combustion chamber inner tube plates renewed together with the whole of the smoke tubes of main boiler & stay tubes of centre C-Chamber, the condenser tubes drawn, cleaned & repacked.
A new donkey boiler & mountings fitted on board for details of which see attached tracing & report.
all safety valves adjusted under steam the main to 60 lbs & the donkey to 75 lbs.

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. 9,97, B.&M.S. 9,97 or L.M.C. 9,97, 140 lb., F.D., &c.)
This vessels machinery is in good condition, eligible in my opinion to remain as classed with notation of NDB.99 + LMC.4.99 in the Reg^r Book. Please note the change of donkey boiler pressure.

Office or Registration Fee (per Sec. 27) £ 5 0 0
 Survey Fee per Section 28) £ 10 0 0
 Special Damage Fee (per Section 28) £ 4 10 0
 Travelling Expenses (if chargeable) £ : :
 Fees applied for April 28th 1899
 Received by me 2/5/99

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

State if Certificate is required _____
 Committee's Minute TUES. 2 MAY 1899
 Assigned LMC 4.99
NDB 99



Engines examined 6047 ABn
Main Boilers examined and
inspected again now done.
New safety valves examined
and in safety valves adjusted under
steam.

It is submitted that
this vessel is eligible for
THE RECORD. S.M.C. 4-99.

N.B. 99 working pressure
75 lbs.

A.C.H.
1.5.99.

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

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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