

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

(Received at London Office.)

Date of writing Report Aug 19<sup>th</sup> 97 When handed in at Local Office London is Port of London

No. in Reg. Book 536 Survey held at London Date, First Survey May 3<sup>rd</sup> Last Survey 7 July 1897 (No. of Visits 5)

536 on the Machinery of the Wood, Iron or Steel S.S. Huapehu Master

Tonnage { Gross 4202 Net 2659 Vessel built at Glasgow By whom J. Elder & Co. When 1883 YEAR. MONTH. 11

Registered Horse Power 584 Engines made at Do When 1883 Boilers, when made (Main) 1883 (Donkey) 1883

No. of Main Boilers 3 Owners The New Zealand S.S. Co. Ltd Port London Voyage Sydney

No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock S.S. Dry Dock Victoria Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Steam Pressure in Main Boilers 110 lb in Donkey Boilers 100 lb

last Survey No. 1000A1 Port Star BK 9.95

CHARACTER for Special Survey, Date of last Survey and of Periodical Surveys.	Years Assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>1000A1</u> <u>Star BK</u> <u>9.95</u>		<u>L.M.C</u> <u>6.96</u>

Particulars of Examination and Repairs (if any) Damage

(Periodical Surveys, when held, must be reported in detail and seriatim 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 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? From access to Combustion Chambers

Do. " Donkey " " " only No

If this was not done, state for what reasons? No

And what parts of the Boilers could not be thus thoroughly examined? No

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? No

Did the Surveyor examine the Safety Valves of the Main Boiler? No At what pressure were they afterwards adjusted under steam? No

Did the Surveyor examine the Safety Valves of Donkey Boiler? No To what pressure were they afterwards adjusted? No

Has the propeller shaft been drawn and examined at this time? No If spare propeller shaft fitted, state whether new? No

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? The vessel has now left for the Sydney where the Survey will be completed.

Surveyed Machinery for damage caused by vessel going ashore on the coast of New Zealand.

Recommended the following repairs to be carried out. Main bearing & crank pin brasses, guide shoes, crosshead brasses, thrust shoes & tunnel bearings to be re-metalled; Air pump chambers to be bored out & new buckets to be fitted; Crank shaft & bearing brasses of centrifugal pump to be renewed; Condenser tubes to be drawn & the condenser to be cleaned & retubed & the tube plate to be straightened; Boiler stop valves & connections to be re-jointed.

Several leaky patches and rivets in Main Boiler Combustion Chambers to be renewed.

No repairs have been done here & the vessel has now proceeded to the Sydney for repairs and alterations.

General Observations, Opinion, and Recommendation:— In my opinion the vessel is eligible to remain as classed, subject to the above repairs being done

(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. 9,95, B.&M.S. 9,95 or L.M.C. 9,95, 140 lb., F.D., &c.)

Office or Registration Fee (per Sec. 27) £ : : Fees applied for 1014 18 97

Survey Fee (per Section 28) £ : : 10.8

Special Damage Fee (per Section 28) £ 4 : 4 : 0

Travelling Expenses (if chargeable) £ 3 : 16 : 0 Received by me, 18/8/97

£ 1028 14 0

Signature: Em Sahma  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

B. I. due 6, 97 to be completed on the

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 cause it to show through to the other side.

Lynne.  
It is submitted that  
this vessel is eligible to  
remain as **CLASSED**, subject to  
the repairs recommended being  
carried out  
Two surveyors to be  
advised

HL  
20/8/97

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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