

Rpt. 9.

No.

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

Date of writing Report	Nov 14 ^t 1899	When handed in at Local Office
No. in g. Book.	Survey held at Callao	
34	on the Machinery of the Wood , Iron under as <u>Si Bakun</u>	
Tonnage	Gross 1669	Date, First Survey Sept 12 ^t Last Survey Nov 14 - 1899,
Net 1092.		Master <u>White</u>
Registered Horse Power	203	YEAR. MONTH.
No. of Main Boilers	2	
No. of Donkey Boilers		
Steam Pressure - in Main Boilers	150	If Surveyed Afloat or in Dry Dock (State name of Dock.)
in Donkey Boilers	75	

Last Survey No.

Port

Particulars of Examination and Repairs (if any)

(Periodical Surveys, when held, must be reported in detail and verbatim 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?

Do.

Donkey

* 100 A1 9.96
AS NO 2-94 8.94
Carrying Pet. in bulk. B8. 5.98.
Burning lig. fuel - Gasol.

Yes.
Yes.

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?

Do.

Yes
Yes

To what pressure were they afterwards adjusted under steam? 150 lbs
To what pressure were they afterwards adjusted under steam? 45 - .

the Surveyor examine the Safety Valves of Donkey Boiler?

If spare propeller shaft fitted, state whether new?

Propeller shaft been drawn and examined at this time?

not complete state what arrangements have been made for its completion and what remains to be done?

See also letter attached in which it is stated that all the recommendations made by the surveyor Mr. W. Lamberty, Engineer P.S.N & Factory have been carried out to his satisfaction

bmr&

P.T.O

*It is submitted that
this vessel is eligible for
THE RECORD. B.S. 11.99.*

*bmr&
15/2/00*

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, H.A.M.S. 9.97 or Q.L.M.C. 9.97, 140 lbs, F.D., &c.)

The Surveyors are responsible not to write on or over the space for Committee's Minute.

Office or Registration Fee (per Sec. 27)	£	Fees applied for
Survey Fee per Section 28	6/35 each - 5 surveys	18/-
Special Damage Fee (per Section 28)	5/75	Say £ 17.10.0
Travelling Expenses (if chargeable)	£	18/-

Received by me,

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

TUES. 6 NOV 1900

TUES. 7 AUG 1900
TUES. MAY 7 1901

TUES. 13 NOV 1900

State if Certificate is required

Committee's Minute

Assigned

RSWAGA

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Lloyd's Register
Foundation

Insert Character of Ship and Machinery previously on in the Register Book.

Certificate to be sent to

At the request of H. M. Beausing, Lloyds Agent at
Lima I proceeded on board the British Tank Steamer
"Bakuin" on the following dates:-

12.9.99 Surveyed main Boilers. Externally the shell and mountings are in good condition. Internally the shell, tubes, furnaces and combustion chambers are in a fair condition with perceptible traces of a slight deterioration. Condemned in Main Boilers four small doors ($6' \times 8'$) owing to plates being badly corroded & doors being a very bad fit. Ordered same to be closed with a proper riveted patch. Also condemned the following screwed stays: Starboard Boiler. Port combustion chamber. Seven screwed stays. Starboard Boiler. Starboard combustion chamber. Eleven screwed stays. Port Boiler. Starboard combustion chamber five screwed stays. Between Starboard & Port combustion chamber two screwed stays. Port combustion chamber seven screwed stays. Total 32 screwed stays. All the above have been condemned owing to their being very badly corroded.

Examined Donkey Boiler under steam & found patch at bottom leaking very badly. I have reduced the pressure from 75 lbs to 50 lbs, and ordered Donkey Boiler to be turned round to thoroughly examine patch.

16.9.99 Owing to small stays taking some time to be made & the "Bakuin" having to sail for Talara Capt. White requested me to have steam pressure reduced to Lloyd's Rules for the condition of Boilers which I have done this day reducing Main Boiler pressure from 150 lbs to ^{increased from 150 by 10% according to current} 135 lbs & had safety valves set to blow freely at the above pressure.

29.9.99 The Bakuin arrived on the 28th from Talara. I went aboard this day & found Donkey Boiler turned ready for inspection. Owing to plates & patch being badly corroded on the outside and not knowing condition of plates underneath I ordered patch to be taken off.

2.10.99 Examined old patch on Donkey Boiler & found plates badly corroded at both ends of patch & 8 rivet holes badly eaten away. Ordered corroded parts to be cut out & a larger patch put over it.

30.10.99 5.5. Bakuin returned from Talara on the 27th Oct 1899 & repairs recommenced

On October 30th Chief Engineer informed me that repairs to Donkey Boiler were finished. I proceeded on board & tested Donkey Boiler to 120 lbs Water pressure, & found Boiler perfectly tight.

2.11.99 Went on board & set Donkey Boiler safety valve to 75 lbs steam pressure.

2

12.11.99. Went on board to see that all condemned screwed stays had been replaced & found another eight bad ones which I condemned, they are situated in the following boxes:-

Starboard Boiler Port Box 3. Starboard Box 2

Port Boiler " 2 " 1.

Also saw small sludge doors riveted up to my satisfaction.

11.99. Went on board and adjusted Main Boilers safety valves to blow off at 150 lbs steam pressure and I can now certify that all three Boilers are in a thorough state of repair and in good condition for the working pressure viz:- Main Boilers 150 lbs & Donkey Boiler 75 lbs per square inch, and that they fulfil the requirement for the above classification in Lloyd's register.

W. Limbert

Engineer P. S. R.C Factory

For Callao Report Dated Nov 17th 1999



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0601
0602
0603
0604



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