

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

(Received at London Office

FRI FEB 4 1921

Writing Report 13/1 1921 When handed in at Local Office 13/1 1921 Port of Calcutta  
Survey held at Calcutta Date, First Survey 9/2/20 Last Survey 5/11 1921  
on the Machinery of the Wood, Iron or Steel S.S. "PERLAK" Master D. Hall-19  
Gross 1899 Vessel built at Rotterdam By whom Maats. Fyenoord. When 1904 11.  
Net 1103 Engines made at Rot. By whom Maats. Fyenoord. When 1904  
Main Boilers 2 S.S. Boilers, when made (Main) 1904 (Donkey) 1904  
Donkey Boilers 1 Owners Indo-Burma Petroleum Co., Ltd. Port Rangoon. Voyage  
Pressure in Boilers 180 If Surveyed Afloat or in Dry Dock Roughly Dry Dock or moorings  
Donkey Boilers 65

Report No. 5084 Port Calcutta  
Particulars of Examination and Repairs (if any) T.S.-B.S.-N.D.B.

Local Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of examinations and subsequent repairs. Repairs on damaged parts (the cause of which must be stated) should be separated from repairs due to other causes; and as being detailed in the body of the report, should be briefly summarised at the end of the report. State also the date and initials of any letters respecting this case. H. S. 11/7/20.

Where cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined? Was a 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 " " " N.D.B.

Was not done, state for what reasons?

What parts of the Boilers could not be thus thoroughly examined?

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?

Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 180 lbs.

Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? 180 lbs.

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

Surveyor examine the drain plugs of the Main Boilers? Yes, and of the Donkey Boiler?

Surveyor examine all the mountings of the Main Boilers? Yes, and of the Donkey Boiler?

Screw shaft now been drawn and examined? Yes Is it fitted with continuous liner? in two pieces or two liners? or is it without liners?

Shaft now been changed? No If so, state reasons

Shaft now fitted new? Has it a continuous liner? or two liners? or is it without liners?

Distance between lignum vitae of stern bush and top of after bearing of screw shaft? Close (Re-wooded)

Survey is not complete state what arrangements have been made for its completion and what remains to be done? To complete survey for record of

B.S. the safety valve easing gear requires to be properly fitted and tested. To complete M.B.S. easing gear of both boilers to be overhauled and put in order. This will be done on vessel's arrival at Rangoon.

Vessel placed in dry dock, propeller and sea cock fastenings examined.

Propeller shaft drawn, and examined (specially at liner joints) and found in order, shaft fitted. Stern bush re-wooded. New continuous liner fitted on spare shaft. Shaft fitted on

board. REPAIRED 17-12-20 T.N.

B.S. - Main boilers with their safety valves and mountings have been examined, and their safety valves adjusted under steam to 180 lbs.

D.B. New donkey boiler, marked NO. 6136 LLOYD'S TEST 320 lbs. W.P. 160 lbs. 16-6-20 W.M. 20 has now been fitted and secured on board

mountings and safety valves examined, and safety valves adjusted under steam to 180 lbs.

General Observations, Opinion, and Recommendation: - The machinery of this vessel is in good

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. 9.11, B.S.M.S. 9.11, or S.L.M.C. 9.11, 140 lbs., F.D., &c.)

and is eligible in my opinion to remain as classed, with fresh record of T.S. 1-21

B.S. 1-21, and N.D.B. 1-21, when survey has been completed as above.

Fees applied for 13/1 1921

Received by me, 19

Committee's Minute 1921

Assigned 1.21

1921

1921

1921

1921



M.B.I. due 11.20 now partly held totals completed  
at Rangoon. Two donkey boiler fitted.

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 to cause it to show through to the other side.

examined

It is submitted that  
this vessel is eligible to  
remain as CLASSED.

subject to the screw

shaft being specially examined at  
the joints of the liners before the end of

Jan 23

It is submitted that this  
vessel WILL BE eligible for  
the record. M.B. 5.1.2 when the  
celebration of both boilers has  
been put in order &  
N.D.B. 2 when the  
ending gear has been  
fitted started.

10/9/21

S.S. PERLAK -

Repairs - Stern gland rebushed, sea cocks ground in glands repacked.  
46 main boiler tubes renewed, other tubes expanded.

Particulars of N.D.B. - Two spring loaded safety valves fitted, area of each  
valve 3.98 sq. in. Smallest distance from bunkers 8". Force draught not fitted.

Thomas W.C. Napier

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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