

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

Date of writing Report 13.1.1922 When handed in at Local Office 13.1.1922 Port of Sydney N.S.W.

No. in Survey held at Sydney N.S.W. Date, First Survey 4.1.22 Last Survey 9.1.1922  
on the Machinery of the ~~Wood, Iron or Steel~~ *Onmuz. Ex "Zeppelin"* Master *Coad*

Gross 14164 Vessel built at *Togusack*. By whom *Bremser Vulcan* When 1914  
Net 8226 Engines made at " By whom " " When 1914

Boilers, when made (Main) 1914 (Donkey) When 1914  
Owners *Orient & N. Co. Ltd.* Port *London*. Voyage, *London*.

If Surveyed Afloat or in Dry Dock. *Afloat* Port *London*. Voyage, *London*.  
(State name of Dock.) *Sydney Harbour*.

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Particulars of Examination and Repairs (if any) *Boiler Repairs*

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?

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

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

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

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

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

screw shaft now been drawn and examined? Is it fitted with continuous liner? or two liners? or is it without liners?

shaft now been changed? If so, state reasons Has it a continuous liner? or two liners? or is it without liners?

the distance between lignum vitae of stern bush and top of after bearing of screw shaft?

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

At the Request of Owners, examined the back end of Aft Centre Furnace of the Centre Forward Boiler & found the landings where previously welded, of tube plate & furnace; leaking chiefly at the crutches, and a number of rivets slack. Now Done; The old welding cut out & ten slack rivets renewed. All other rivets in landings hardened up & made good. 2'3" of electric welding done at each crutch. The above mentioned repairs tested with water & seen tight at 190 lbs pressure. & also seen under steam light.

Particulars could not be obtained re Classification, the Owners agents stating as understood. Lloyd's Surveyors had attended this vessel in U.K.

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. 9,11, B.&M.S. 9,11, or L.M.C. 9,11, 140 lb., F.D., &c.)

For the Information of the Committee

Survey Fee (per Section 28) £ 3 : 3 : 0 Fees applied for 13/1/1922  
Special Damage or Repair Fee (if any) £ : : : Received by me, 19  
Rolling Expenses (if chargeable) £ : : :  
Wm Robertson  
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 22 AUG. 1922 FRI. 13 APR. 1923

Signed see minute on Lon 85672. FRI. 31 AUG. 1923

Insert Character of Ship and Machinery precisely as in the Register Book. W1218-0145