

Return plans & preliminary
report for completion.

W 295-0236

S.S. "BURFORD BRIDGE" ex "EIKUNDASUND"
ex GERMAN STEAMER.

This vessel, built in 1916 by Messrs. Johs. Berg. Delfzijl, was classed with the Germanischer Lloyd and is now at Wivenhoe undergoing survey with a view to classification with this Society.

A preliminary report, together with plans of the main boiler and pumping arrangements, have now been submitted by the London Surveyors for consideration.

The engines and boilers have been examined and the material and workmanship are reported to be good.

With engines having cylinders $12\frac{5}{8}$ " x $19\frac{7}{8}$ " x $31\frac{1}{2}$ " diameter by $21\frac{1}{2}$ " stroke, working pressure 185 lbs per square inch, diameter of propeller 8'4" and screw shaft without liners, the sizes of shafting as given, viz:- crank $6\frac{5}{16}$ ", thrust $6\frac{1}{8}$ ", intermediate 6" and screw shaft $6\frac{3}{4}$ " are slightly below the Rule size.

The scantlings of the boiler, as shewn on plan, meet the requirements of the Rules for the original working pressure of 185 lbs per square inch, with the exception of the back tube plate at the wing spaces, the thickness of which is below that required for this pressure.

The pumping arrangements are in order.

It is submitted that, provided four through longitudinal stays, $1\frac{3}{4}$ " diameter, be fitted to the back tube plate at the wing spaces as indicated on plan; the pumping arrangements be in good order and otherwise in accordance with the requirements of the Rules, the machinery of this vessel might be accepted for the original working pressure of 185 lbs per square inch, and a notation of LMC (with date), subject to the 4 through wing space stays being fitted at the first convenient opportunity, might be assigned.

It is concluded that the main engine bilge pumps are connected to the main bilge line.

The London Surveyors should be advised accordingly and be informed that the Owners' Superintendent states, that the 4 through stays will be placed on board before the vessel proceeds to sea, and will be fitted at the first convenient opportunity.

22.9.21.

Phone
message
to Mr
Furness

htp. 22/9/21