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Lloyd's Register of Shipping,

71, Fenchurch Street, E.C. 3.

5 ENCLS.

12th June, 1922.

Dear Sirs,

With reference to Mr. Graham's letter of the 2nd instant, submitting for the consideration of the Committee plans of the main and donkey boilers and pumping arrangements, together with particulars of the cylinders and sizes of shafting of the S.S. "DIYATALAWA", I have to acquaint you that with engines having cylinders $28\frac{3}{8}" \times 46\frac{7}{8}" \times 75\frac{3}{8}"$ diameter by $53\frac{15}{16}"$ stroke, working pressure 13.5 kilogrammes per square centimetre, diameter of propeller $19\frac{1}{4}"$ and screw shaft without liners, the sizes of shafting as given, viz:- crank $15\frac{9}{16}"$, thrust $15\frac{9}{16}"$, intermediate $14\frac{3}{4}"$ and screw shaft $17\frac{1}{8}"$ diameter meet the requirements of the Rules for the above working pressure.

The plan of pumping arrangements is in accordance with the requirements of the Rules except that, in lieu of a donkey pump direct suction, one of the main engine bilge pumps is fitted with a direct suction to the engine room bilge.

The scantlings of the main and donkey boilers

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as shown on the plan meet the requirements of the Rules in force at the time the boilers were constructed for the original working pressure of 13.5 kilogrammes per square centimetre for the main boilers and 8.5 kilogrammes per square centimetre for that of the donkey boiler.

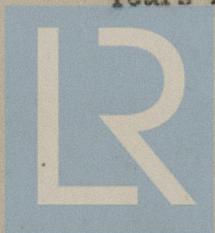
The plans forwarded are returned herewith, and I am directed to inform you that provided the working parts of the engine be opened out and examined and be found in good order, and in accordance with the Rules; the main and donkey boilers be examined throughout; their scantlings be in accordance with the plans and the boilers otherwise be in good order and safe working condition; the pumping arrangements be as shown on the plan and otherwise in good order and in accordance with the requirements of the Rules, the machinery of this vessel will be accepted in this instance for the original working pressure of 13.5 kilogrammes per sq. centimetre and 8.5 kilogrammes per square centimetre for the donkey boiler, and a notation of L.M.C. (with date) without the distinguishing * assigned.

I am, Dear Sirs,

Yours faithfully,

The Surveyors,

FALMOUTH.



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