

S. "ARBROATH" ex "Alexandra" - Dundee 8327.

This vessel was built in 1909 by Messrs. A.G. Neptun
ostock and classed with the Germansicher Lloyd, and is now at
undee undergoing survey with a view to classification with this
ociety.

The boiler plan was approved for a working pressure
of 200 lbs. per sq. in. in the Secretary's letter of 11.3.21 (E).

A provisional report has now been forwarded by the
Dundee Surveyors giving particulars of shafting and of pumping
arrangements together with a plan of the latter, and also giving
the results of examination and test of the Boilers.

The particulars of the engines are as follows
viz:- cylinders $17\frac{1}{4}$ " , $27\frac{9}{16}$ " and $46\frac{7}{8}$ " diameter by $31\frac{1}{2}$ " stroke,
diameter of propeller $12\frac{1}{2}$ " and screw shaft fitted with a
continuous liner. The sizes of the shafting, viz crank and thrust
 $\frac{5}{8}$ ", intermediate $8\frac{15}{16}$ " and screw shaft $10\frac{3}{8}$ " diameter meet
the requirements of the Rules for the above working pressure.

It is submitted that provided the modifications to
the pumping arrangements contained in the Dundee Surveyors' letter
be satisfactorily carried out and the machinery of this vessel be
found satisfactory when tested under full working conditions, the
same might be accepted for a working pressure of 200 lbs. per sq. in.
and the record of LMC (with date) without the distinguishing mark
be assigned on receipt of a satisfactory report.

The Dundee Surveyors should be advised accordingly
and the provisional first entry report with plans be returned
to them for completion and signature.

It is noted that an amended pumping plan will be
forwarded in due course.

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