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S.S. "EIDER".

This vessel built in 1921 by Werft Nobiskrug.G.M.B.H.,
Rendsburg, ~~and~~ was originally classed with the Germanischer
Lloyd.

The Glasgow Office state that Messrs. J. & P. Hutchinson
are considering the purchase of the vessel and, if the
purchase is completed, the classification of this Society
would be asked for, but they desire to be informed whether
the original working pressure of 185 lbs. per square inch
could be assigned for the boilers provided they be found
in good condition.

The scantlings of the boilers as shown on plan meet
the requirements of the Rules, in force at the time the
boilers were constructed, for the original working pressure
of 185 lbs. per square inch, with the exception of the
furnaces, the thickness of which, owing to the low minimum
tensile strength of the material, is slightly below the
Rule size, and also the method of attachment of the steam
dome flange to the cylindrical shell plating, which gives a
slightly lower percentage of strength compared to the
solid plate than usually required.

It is submitted that the boilers might be accepted
for the original working pressure of 185 lbs. per square inch,
provided the boilers be examined throughout and be found in
good and safe working condition; the scantlings be as shown
on plan, and the furnaces and the steam dome flange attachment
to the cylindrical shell plating be specially examined and
be found to show no signs of strain.

It is concluded that full particulars of the engines
and sizes of shafting, together with a plan of pumping
arrangements, will be submitted in due course.

The Glasgow Office should be advised accordingly.

Return plan.

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