

Messrs. Scheeps "Gideon" J. Koster Hzn.

Yard No. 161/2.

Pumping Arrangement.

IT IS SUBMITTED the Surveyors be informed it is noted from their letter that the capacity of the main engine driven bilge pump is only 80 litres per minute, or slightly less than 5 tons per hour, and it should be pointed out that although the combined capacity of the bilge pumps is in excess of the Rules requirement, the distribution of capacity between the two pumps is not considered satisfactory.

The Rule capacity of each of the bilge pumps for this vessel is $21\frac{1}{2}$ tons and it should be pointed out that in the event of failure of the auxiliary pump, the remaining bilge pumping capacity would be inadequate.

It is therefore recommended that an additional bilge pump be fitted worked from the main engine shafting by means of a chain, belt or gearing and this pump be of self priming type and connected to the main bilge line.

In view of the bilge capacity of the independent bilge pump, the capacity of the additional pump may be about 10 tons per hour.

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