

Messrs.De.Groot & Van Vliet. Yard No. ~~29~~ 219  
+100 Al Barge "Carrying Petroleum in Bulk".

Pumping Arrangement.  
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IT IS SUBMITTED the Rotterdam Surveyors be informed that the plan of Ballast, Suction and Wash Deck piping arrangement has been examined.

In view of the proposed notation for this vessel viz:- "Carrying Petroleum in Bulk" it is concluded that the ballast pump and the cargo oil pump will be steam driven and that the steam will be supplied from shore. If, however, this is not the case and the motive power is supplied either by a boiler or a Diesel generator, fitted on board, it will be necessary for the cargo pump room to be completely isolated from the boiler, generator or electrical machinery, by means of a gas tight bulkhead.

Further, a pump which is used for dealing with petroleum should not be connected to the ballast tanks, forward cargo hold or machinery space.

Accordingly a separate pump should be provided for dealing with the petroleum cargo, and the ballast pump used for water ballast and bilge suctionsto spaces outside the cargo oil tanks.

The plan should be returned unstamped for further consideration.

Details of the cargo pumping arrangement and the piping arrangement in the Pump Room should be submitted, and the Surveyors should be asked to state how the pumps are driven and where the ~~source of~~ power is obtained.

~~Mr. W. A. G. Groot~~

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