

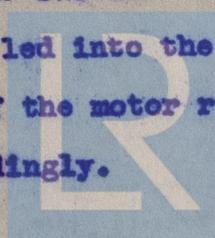
Messrs. De Groot & Van Vliet, Yard No. 219.
100 Al Barge "Carrying Petroleum in Bulk".

IT IS SUBMITTED that the amended plan of cargo oil pumping arrangement merits approval provided the arrangements be as shown and amended on the plan, and the remaining requirements of Sections 21 and 22 of the Rules for Vessels Carrying Petroleum in Bulk be complied with so far as they are applicable.

With reference to the situation of the motor room for the after cargo pumps, it appears from the plan that this may be a closed space immediately above the No. 3 cargo oil tank, and it should be pointed out that unless the engine seating forms a gas-tight horizontal cofferdam between the compartment containing the Diesel motor and the No. 3 petroleum tank, the arrangement could not be considered satisfactory. The top plate of the engine seating would require to extend for the full width of the motor room but need not extend over the deep cofferdam, and the horizontal cofferdam so formed should be ventilated in the usual way.

Alternative arrangements which would also be considered satisfactory are:-

- (1) Permanent openings provided in the side plating of the motor room, including openings at the bottom, in order that this space may approximate to the conditions obtaining on the open deck. This alternative is only suitable if the vessel is intended for use in sheltered waters.
- (2) The position of the motor room to be moved after just clear of the No. 3 cargo oil tank, but may be immediately over the deep cofferdam. Further, the control rods for the suction valves to the No. 3 cargo oil tank should be led into the pump room or to the open deck, clear of the motor room, and the plan has been amended accordingly.



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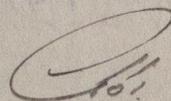
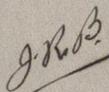
Messrs. De Groot & Van Vliet.
Yard No. 219.

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The Surveyors should be asked to give their special attention to this case and explain to the Firm that the object of these amendments is to ensure that the internal combustion engines are efficiently isolated from any petroleum vapour which may occur at the deck seams or control rod glands.

A sketch should be forwarded showing the modified arrangement proposed to be adopted.

Return plan.
Retain copy.



7th June, 1938.

Lr 7/6



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