

M.V. "FRENULINA"

3820

Proposal to renew the structure in way of the cargo oil tanks and increase the length by 28'-1½".

OWNERS:- Anglo-Saxon Petroleum Co., Ltd.

Dimensions as built:- 190' x 32' x 14.75' to Upper Deck.
18' to Trunk Top.

New Dimensions:- 218.12' x 32' x 14.75' to Upper Deck.
18.18' to Trunk Top.

Proportions:- Length = 14.8 depths to Upper Deck.
12.12 to Trunk Top.

Plans of Midship Section, Profile, Shell Expansion and Extension to Upper Deck and Trunk Top Plating submitted, in duplicate, by the Anglo-Saxon Petroleum Co., Ltd.

The proposal is to replace the structure between 32-33 and 82-83 frames with a new structure 28'-1½" longer than the removed portion, and provide an additional cargo tank.

The scantlings and arrangements of the new structure are generally similar to the old, excepting that it is proposed to increase the scantlings of the sheerstrake, upper deck stringer and deck trunk top longitudinals, to weld the butts of the shell, deck and trunk top and a number of minor modifications.

IT IS SUBMITTED the Anglo-Saxon Petroleum Co., Ltd., be informed that provided the scantlings and arrangements as shown and amended on the plans be carried out to the Surveyors' satisfaction the ship will be eligible to be classed 100A1 "Carrying Petroleum in Bulk", with the special notation "Longitudinal Framing at Bottom, deck and Trunk Top". A suitable notation will also be made regarding the electric welding.

The scantlings shown on the plans are suitable for a summer draught measured from the top of keel of about 13.2". The minimum freeboard will, however, on completion of the renewals and lengthening, be determined by the Regulations of the Load Line Convention.

STEEL NOTE.

In view of the increased Equipment Numeral (Equipment letter "m"), it will be necessary to replace the bower anchor of 18 cwts by one of 23½ cwts and supply an additional 30 fathoms of 1-6/16 W.I. Stud Chain Cables.

9th November, 1953.

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