

MOTOR VESSEL "DEMOCRAAT."

110.7 ft. x 22.7 ft. x 7.7. ft

Contemplated Class "For service in the Mediterranean, Black Sea Red Sea and European and North West African Coasting Services, including the Azores."

Vessel fitted with Heavy Oil Engines of 120 B.H.P.

A memorandum^{is} attached showing the published requirements of the British Corporation, American Bureau and the Bureau Veritas in regard to the number of bilge pumps and air compressors for small motor vessels.

In the case of the "DEMOCRAAT", the plan of pumping arrangement showed the vessel to be provided with:

- 1 - Power driven bilge pump
- 1 " " air compressor

there being no stand-by bilge pump or air compressor.

W.J.F.

18.12.46

J.H.B.



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Air Compressors (Article 99, Clause 4)

"A single compressor not driven by the main motor shall be required when the B.H.P. is between 150 and 1300. When the B.H.P. does not exceed 150, the compressor may be driven by hand provided that, in addition, it may also be driven by the main motor, or the reservoir charged from one of the cylinders."

Summary of Requirements for Vessels of "DEMOCRAAT" Type.

Classification Society	Bilge Pumps	Air Compressors.
L.R.	1 - Main Engine) or 2 Independent 1 - Independent)	1 - Power driven 1 - Manual
B.C.	1 - Main Engine 1 - Independent	Not less than two compressors.
A.B.	1 - Independent 1 - Main Engine or 2 Hand Pumps	Not less than two, but may be modified for auxiliary sailing vessels or small craft.
B.V.	1 - Main Engine 1 - Independent	1 - compressor driven by main engines and by hand.

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