

Lon 85175

L O N D O N .

18th February, 1922.

H. P. CORNISH and R. MOFFITT,

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the Owners, Messrs. Straughan & Green, examine the engines of the Ferro-Concrete Aux. Sc. "MOLLINETTE" of London, 293 tons gross register, for the purpose of ascertaining the nature and extent of the damage stated to have been sustained when starting up the engines on the 7th December, 1921.

Upon examination of the machinery when the vessel was lying in the West India Dock on the 16th December, 1921, and subsequently

FOUND:

The forward cylinder and cover broken.

The piston and rings smashed.

The connecting rod and top and bottom end brasses twisted and broken.

The bedplate broken in the bottom (forming the crank case).

The crank shaft twisted in way of the fly-wheel. The forward crank pin and No.3 journal damaged.

Other parts of both engines damaged at the same time.

RECOMMENDED:

The forward cylinder and cover to be renewed.

The piston and rings to be renewed.

The connecting rod and top and bottom end brasses and bolts to be renewed. The bedplate to be efficiently repaired.



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Ferro-Concrete Aux. Sc. "MOLLIETTE".

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The crank shaft to be renewed.

Nos.1 & 3 main bearings to be re-metalled.

The clutch to be taken adrift for examination.

The upper half of crank case to be renewed.

Two crank case doors, valves and covers to be renewed.

New banjo complete with oil pipes.

Water service pipes and oil pipes broken, to be renewed.

Drain pipes found broken, to be renewed.

Two cast iron connections between silencer and cylinders to be renewed.

Air valve shaft between cylinders to be renewed; also two brackets.

No.2 connecting rod to be tried for truth, and No.2 piston to be opened out.

When and if the repairs are completed, the engines to be tried under working conditions.

Fee:-\$5:5:0

J. D. Cornish & R. C. Hoffitt
Surveyors to Lloyd's Register of Shipping.



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