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Lloyd's Register of Shipping.

71, Fenchurch Street, E.C. 3.

Enclosures.

4th August, 1937.

Dear Sirs,

Yacht No.847 for V.MacAndrew, Esq.

E.

With reference to your letter of the 28th ultimo respecting the above yacht, I have to acquaint you that the plan of general pumping arrangement will be approved, provided the arrangements be as shown and amended thereon, and the remaining requirements of the Rules for Steel Yachts be complied with so far as they are applicable.

A plan of the oil fuel piping arrangement should be submitted for consideration.

As regards the Gleniffer Engines, Type D.C. Series 16, I have to inform you that with 4 S.C.S.A. Vee Type Oil Engines for main propelling purposes, having 16 cylinders 6" diameter by 7" stroke, revolutions of engine 900 and of propeller 450 per minute, maximum pressure in cylinders not exceeding 700 lb. per sq. inch, B.H.P. 320, diameter of propeller 56" and screwshaft without continuous liner, the proposed sizes of shafting will be approved, viz:-

Intermediate shaft....4" diameter.

Screw shaft.....4.1/2" diameter.

It is concluded that plans of the crank and straight

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shafting will be submitted for consideration in due course, and that the engine particulars are precisely as stated above, but I shall be glad to learn if this is so.

It is noted that it is proposed to fit bronze screw shafts in this vessel, and these shafts may be forged by hammer or by press or, if in straight lengths, they may be rolled. Shafts made by extrusion, however, are not accepted.

The tensile strength of these screwshafts should be 28/32 tons per sq. inch, and the sum of the tensile strength and the percentage of elongation measured on the Society's standard test piece should be not less than 57.

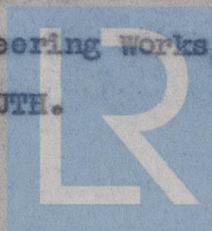
One copy of the plan is returned herewith, one copy is being forwarded to the Society's Plymouth Surveyor for his information and guidance, and the remaining plan is being retained for reference.

I am, Dear Sirs,

Yours faithfully,

Secretary.

Messrs. Philip & Son Ltd.,
Sandquay & Noss Engineering Works,
DARTMOUTH.



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Foundation

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