TELEGRAMS: ENGINEER, COPENHAGEN.

TELEPHONE No. 5760.

Lloyd's Register of Shipping.

28[I], Sankt Annæ Plads,

Copenhagen, K. 12th October, 1936.

All communications to be addressed
THE SURVEYORS
Lloyd's Register of Shipping
Copenhagen, K.

Reference

The Secretary,

Lloyd's Register of Shipping,

London.

Dear Sir,

We have to-day per commercial papers' post forwarded for the consideration of the Committee plan, in triplicate, of the crank shafts for the main engines of the M.S. "BENJAMIN FRANKLIN" of Oslo ("Penhoët T.5").

These engines are direct reversible 6 cyl. 4 SCSA Diesel engines with air injection, 740 mm. diam. of cylinders, 1300 mm. stroke.

The Owners now intend to convert these engines to the solid injection system and supply the existing crank shafts with balance weights as shown on the plan.

After the conversion the total IHP will be 6440, equalling 5100 EHP, at 128 Rev. per Min. Mean indicated

pressure in cylinders pm = 6.75 kg/cm^2, pmax = 49 kg/cm^2. Turning wheel GD^2 = 15500 kgm^2. Balance weights combined GD^2 = 26000 kgm^2.

I am, Dear Sir,

Yours faithfully,

SURVEYOR TO LLOYD'S REGISTER OF SHIPPING

Referred to the Chief Engineer Surveyor

P.E.C.

13 OCT 1936