

# Lloyd's Register of Shipping.

Ramsden Square,

Barrow-in-Furness, 21st August, 1936.

Dear Sir,

Twin Screw "AWATEA"

Vickers-Armstrongs No. 707.

We beg to forward for the consideration of the Committee a plan of the forgings for the proposed new (replace) main gearing for the above vessel, the specification for the material being given on the plan.

The forgings will be made by the English Steel Corporation of Sheffield.

The total shaft horsepower to be developed is 22,500 at 130 R.P.M. of the propeller. Each main shaft is driven through single reduction main gear wheel by three turbines and three pinions, the power transmitted by each pinion being H.P. and I.P. 497 S.H.P. at 2460 R.P.M. and the L.P. 4275 S.H.P. at 1760 R.P.M. The angle between the main shaft and the two outside pinions is  $118^{\circ}$ .

The Helical "A.A." type is to replace the existing "V.B.B." type.

The machinery installation was reported in Barrow Report No. 2619.

We are, Dear Sir,  
Yours faithfully,  
THE SURVEYORS.

P.P.

*McMillan*

THE SECRETARY,  
LONDON.

3467  
3467  
4275  
11249  
22500



# Plan of Register of Shipping

Ramsden Square,

Barrow-in-Furness, 21st August, 1936.

22 AUG 1936  
LONDON

"Twin Screw" "A.A." type

Victoria-Alexander No. 707.

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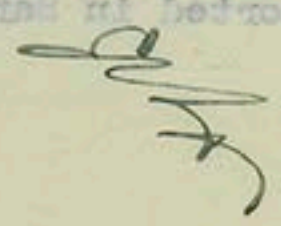
the power transmitted by each turbine being 7,500 and 7,500

at 2400 R.P.M. and the 7,500 S.H.P. at 1760 R.P.M.

between the main shaft and the two outside pinions is 1:1

The Helical "A.A." type is to replace the existing

The machinery installation was reported in Barrow



22 AUG 1936

We are, Dear Sir,  
Yours faithfully,  
THE SURVEYORS.

Referred to the Chief Engineer Surveyor