

Lloyd's Register of Shipping,

Ramsden Square,

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



LOYD'S REGISTER
RECEIVED
22 AUG 1936
ADD. *in*
LONDON

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° .

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.

3487
3487
4275
11249
22570

Lloyd's Register of Shipping

Ramden Square,

Barrow-in-Furness, Great August, 1936.

22 AUG 1936
LONDON

"TWIN BARROW" MARITIME

Victoria-Construction No. 707.

We beg to forward for the consideration of the
your plan of the forgings for the proposed new (replaces)
drawing for the above vessel, the specification for the
being given on the plan.

The forgings will be made by the English Steel

of Sheffield.

The total shaft horsepower to be developed is 22,000

of the propeller. Each main shaft is driven through

the reduction main gear wheel by three turbines and three

the power transmitted by each turbine being 7,333 and 7,333

at 2400 R.P.M. and the 7,333 S.H.P. at 1760 R.P.M.

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

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

type.

The machinery installation was reported in Barrow

We are, Dear Sir,

Yours faithfully,

THE SURVEYORS.

Referred to the Chief Engineer Surveyor

22 AUG 1936