

Lloyd's Register of Shipping,

Imperial House,

Donegall Square East,

Belfast, 19th October 1938



Reference

The Secretary,
LONDON.



Dear Sir,

MESSRS. HARLAND & WOLFF'S NOS.1016 & 1017.

ELECTRICALLY-DRIVEN STEERING GEAR.

We are forwarding, under separate cover, photo prints (one set for each vessel) of the following drawings, for which the Builders desire approval at your earliest convenience:-

Drg. No.64796 - General Arrgt. of Electrically-driven Steering Gear.
" 63732 - Details of worm gear and driving shaft.
" 63734 - Quadrant, segments and pinion.
" 63733 - Tiller

It is stated that the maximum turning effort on the rudder is 375 ft/tons. There are two 57 B.H.P. motors running at 322 revs. per minute with a voltage of 220. Each motor is capable of supplying full power for working the gear. The radius of the quadrant is 9'.0" and the diameter of the rudder head is 17 inches in way of quadrant and tiller.

We are, Dear Sir,
Yours faithfully,
The Surveyors.

per
Res

A.P. Scott.

Referred to the Chief Engineer Surveyor.

Summary of material on drawing
27/10/38
20 OCT 1938

H. & W. 1016/7

Gen. arrgt. elec.
driven steering gear, details
of worm gear & driving shaft,
quad. segments, pinion & tiller

Ltr. 19.10. Ansd. 3.11. (form)
4 plans 4 retained

[Handwritten signature]



© 2019
Lloyd's Register
Foundation

19th October 1938

The Secretary,
LLOYD'S REGISTER,
LONDON.

Dear Sir,

MESSRS. HAYLAND & WORTHINGTON & JOHN,

ALBERTHALL - BRIVEN STREET,

We are forwarding to you the following

photographs for each of the following

drawings, for which the following

particulars are given:-

- Fig. No. 1016 - General Arrgt.
- " " 1017 - Details of worm gear & driving shaft
- " " 1018 - Details of quad. segments, pinion & tiller

It is stated that the drawings are

on the paper in 375 mm.

running at 300 revs. per minute with a

The radius of the quadrant is 91.5 mm and the diameter of the

quadrant and tiller.

Yours faithfully,

The Surveyor.