

TELEGRAPHIC ADDRESS:
STEERSMAN NEWCASTLE-ON-TYNE



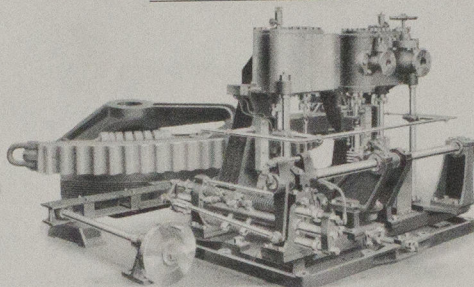
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STEERING GEAR MAKERS



DIRECT ACTING STEAM ONLY STEERING GEAR TELEMOTOR CONTROL

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WALKERGATE

Messrs. Lloyds Register of Shipping,
Collingwood Buildings,
Newcastle/Tyne.

NEWCASTLE ON TYNE 6

11th May.....1938.

Dear Sirs,

Messrs. John Cockerill's No.675.
Ref. No. 9982.

Referring to our letter of the 10th instant and the enclosed plan which we submitted for approval, we wish to point out that there are two completely separate sets of "Ward-Leonard" Electric Steering Gear, each consisting of bridge rheostat, follower rheostat, motor generator set, starter for motor generator set, and rudder motor.

Each rudder motor drives on to a separate set of worm gear and pinion which can be put into gear with the main quadrant. The wiring is so arranged that any set can only be switched on when it is in gear with the quadrant and the other set is out of gear with the quadrant.

This arrangement is proposed as fulfilling the requirements for two independent means of steering.

The hand gear which is put forward has been particularly

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W1046-0107 1/2

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particularly/specified by the Owners, as they themselves think hand gear even on such a large ship, a valuable standby, but it is to be understood clearly that we are not asking that you pass this as an approved alternative means of steering.

Yours faithfully,

FOR

DONKIN & COMPANY, LTD.

H. Paulin

Managing Director



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