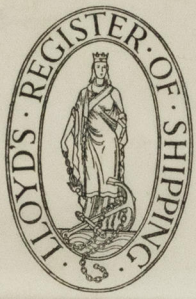


COPY *Glasgow*

0.6075.

LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER



Port *LEITH.*

25th January, 1956.

STEERING GEAR

This is to Certify that

A. W. OXFORD.

the undersigned Surveyor to this Society did at the request of Messrs. MacTaggart, Scott & Co., Ltd., Loanhead, attend at their Works on the 18th January, 1956, to examine and test one Electric-Hydraulic Steering Gear of the two cylinder type, with two 7½ B.H.P. Electric Motors made by Veritys Ltd., Serial Nos. D. 62147. and D.62148. and two variable delivery pumps of the Hele-Shaw type P.3 Serial Nos. D. 1465. and D.1466.

The steering gear is arranged for telemotor control from the navigating position and a local control handwheel is also fitted on the steering gear itself, this control being independent of the telemotor.

The steering gear shop No. is S.S. 373. and it is intended for Messrs. Yarrow & Co., Ltd., Glasgow, Ship No. 2089.

The steel cylinder and rams were tested to 2250 Lbs. per sq. in. and found tight and sound, they were stamped :-

LLOYD'S TESTED TO 2250 LBS. PER SQ. IN. A.O. 18-1-56.

The forged steel tiller made by The Pife Forge Co., Ltd., was tested and examined, finished machined, it was stamped :-

LLOYD'S NO. 9054. G.H. 5-4-55.

The physical tests from the forged steel tiller gave the following results :-

<u>Tons per sq. in.</u>	<u>Elongation on 3"</u>	<u>Bend H.F.</u>
31.4	30%	180°

The telemotor transmitter and receiver were tested to 2,000 Lbs. per sq. in. and found tight and sound.

£4: -: -.
£-: 4: -. £4: 4: -.

Surveyor to Lloyd's Register of Shipping.

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:-
"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default or negligence of any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."

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