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For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office, \_\_\_\_\_ 19

# Lloyd's Register of Shipping.

(Report on Machinery, No. 54510 Port GLASGOW)

Glasgow

No. 4609 ENGINE FORGINGS OR ~~CASTINGS.~~

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs. D. Rowan & Co Ltd of Glasgow. for the Engines No. 963 being constructed by Themselves of \_\_\_\_\_ for the Ship No. 866, being built by Messrs. Lithgows Ltd of Port Glasgow have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. These have been despatched to Themselves.

Forgings or Castings.

Lloyd's

No. 4609 & Test no.

CSK

Chas. S. Porter

Glasgow 4/8/1933

|                      | <del>CRANK SHAFT.</del>            | <del>THRUST SHAFT.</del>          | <del>INTERMEDIATE SHAFT.</del> | <del>TUBE SHAFT.</del>  |
|----------------------|------------------------------------|-----------------------------------|--------------------------------|-------------------------|
|                      | <u>Piston Rods</u><br><u>3.6H.</u> | <u>Crossheads</u><br><u>3.6H.</u> |                                |                         |
|                      | <del>FLYWHEEL SHAFT.</del>         |                                   |                                | <del>SCREW SHAFT.</del> |
| Material ...         | <u>Siemens Martin Ingot Steel</u>  |                                   |                                | /                       |
| Made ...             | <u>Forged</u>                      |                                   |                                |                         |
| Inspected ...        | <u>Yes</u>                         |                                   |                                |                         |
| Dimensions, Forgings | <u>As per plan</u>                 |                                   |                                |                         |
| Castings             |                                    |                                   |                                |                         |
| Test on {            | <u>Forging and Testing.</u>        |                                   |                                | /                       |
| Contraction          |                                    |                                   |                                |                         |
| Test on Standard     | <u>Test nos</u>                    |                                   |                                |                         |
| Test Pieces.         | <u>44</u>                          | <u>45</u>                         | <u>46</u>                      |                         |
| Test—                | <u>29.3</u>                        | <u>28.4</u>                       | <u>30.5</u>                    |                         |
| Test per square inch |                                    |                                   |                                | /                       |
| Extension per cent   | <u>32</u>                          | <u>35</u>                         | <u>32</u>                      |                         |
| Extending Test—      |                                    |                                   |                                |                         |
| Test before fracture | <u>180°</u>                        | <u>180°</u>                       | <u>180</u>                     |                         |
| When Inspected       | <u>4/7/33 to 2/8/33.</u>           |                                   |                                |                         |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

NIL (Vessel Classed)

If any chargeable) £

To be paid at

If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.

012888-012897-0237