

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

22 JUL 1926

10

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port Leningrad)

No. 246 ENGINE ~~FORGINGS~~ OR CASTINGS.

I have to report that the ~~Forgings~~ or Castings, as herein described, manufactured by The Baltic Shipbuilding & Eng. Wks of Leningrad for the Engines No. 300 being constructed by The Russian Diesel Wks of Leningrad for the Ship No. 300, being built by The Svermoy Shipbuilding Yard of Leningrad 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~~

Mark on Forgings or Castings.

Lloyd's

No. 0537

H. McC. 25.11.26, 3.12.26
24.12.26, 24.12.26

A. M. Crivick

Leningrad

| | CRANK SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|---|--------------------------|--------------------------------|---------------------|-----------------------|
| | | <u>Propellor Blades</u> | | |
| | FLYWHEEL SHAFT. (338) | (344) | (354) | SCREW SHAFT. (355) |
| Material* ... | | <u>basic open hearth steel</u> | | |
| How made ... | | <u>cast bronze</u> | | |
| If Annealed... | | | | |
| Dimensions, Forgings | | | | |
| Weight, Castings | | | | |
| Progress on } Inspection } | | | | |
| Tests on Standard Test Pieces. | | | | |
| Tensile Test— Tons per square inch | <u>43.5</u> | <u>42.8</u> | <u>41.9</u> | <u>42.7</u> |
| Extension per cent | <u>29.3</u> | <u>48</u> | <u>52.0</u> | <u>46.6</u> |
| Cold Bending Test— Angle before fracture | <u>135°</u> | <u>120°</u> | <u>140°</u> | <u>140°</u> |
| Dates when Inspected | <u>25.11.26</u> | <u>3.12.26</u> | <u>24.12.26</u> | <u>24.12.26</u> |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

These propeller blades have now been placed
on board the "Jan Rndgutak" as spare blades.

A. M. C.

Fee (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.