

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_)

Port \_\_\_\_\_)

## No. \_\_\_\_\_ ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs Skoda Works Ltd. of Pilsen, Bohemia for the Engines No. 649, 650 being constructed by Messrs AB Götaverken of Gothenburg for the Ship No. 362, being built by Messrs AB Götaverken of Gothenburg have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects.

2 Thrust shafts, 8 intermediate shafts & 3 propeller shafts.

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

Mark on Forgings or Castings

Thrust shafts	Interm. shafts	Prop. shafts
LLOYD'S & No. 943, 984 G.A. 2.9.24	LLOYD'S & No. See below G.A. 17.10.24	LLOYD'S No. 1024, 1054, 1061 G.A. 5.12.23.

Gothenburg 31st Oct 1924

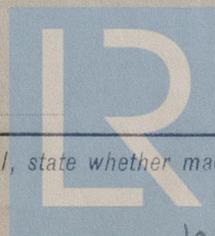
Inspector

	<del>CRANK SHAFT.</del> <u>2 Thrust shafts.</u>		STRAIGHT SHAFTING.		
			<del>THRUST SHAFT.</del>	<u>8 INTERMEDIATE SHAFTS.</u>	<u>3 PROPELLER SHAFTS.</u>
Material* ...	<u>Annealed S.M. Steel</u>				
How made ...	<u>Forged</u>		<u>Forged</u>	<u>Forged</u>	<u>Forged</u>
Dimensions ...	<u>Diam 295%</u>		<u>Diam 240%</u>		<u>Diam 275%</u>
Progress on Inspection }	<u>Rough turned and finished</u>				
Tests on Standard Test Pieces.	<u>No 943 984</u>	<u>938, 939, 955, 942,</u>	<u>1025, 1004, 1005, 1058.</u>	<u>1024, 1054, 1061</u>	
Tensile Test— Tons per square inch	<u>502 516</u>	<u>48.7-49.6-49.3-</u>	<u>45.1-50.4-45.7-50.1</u>	<u>45.3 - 48.5 - 48.5</u>	
Extension per cent	<u>29.6 31.6</u>	<u>30.3-32.9-31.6-</u>	<u>34.9-31.6-34.9-31.6</u>	<u>34.2 - 39.6 - 39.9</u>	
Cold Bending Test— Angle before fracture	<u>180° good</u>		<u>180° good</u>		<u>180° good</u>
Dates when Inspected	<u>12/18/23, 2/9/24</u>	<u>20/5/23, 6.20/6/23</u>	<u>17/10/24</u>	<u>15/4/23, 30/8/23, 5/12/23.</u>	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £  
To be paid at \_\_\_\_\_

\* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.



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Foundation

W434-0135