

By whom built *Ansaldo San Giorgio* Yard No. *195* When built *1929*  
By whom made *Ansaldo San Giorgio* Engine No. *195* When made *1929*  
Boilers made at *Ansaldo* Boilers made by whom made *Ansaldo* Boiler No. *195* When made *1929*

For the information of Surveyors and the Committee only.

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

# Lloyd's Register of Shipping.

(Report on Machinery, No. *11037* Port *Gen*)

No. *F.1596*  
*C.994* ENGINE FORGINGS ~~OR~~ CASTINGS.

I have to report that the Forgings ~~or~~ Castings, as herein described, manufactured by *STAB. METALLURGICO DELTA* of *Cornigliano &* of *Sestri* for the Engines No. *-* being constructed by *-* of *-* for the Ship No. *"MESSICO"*, being built by *-* of *-*

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 the ship, at Genoa.

on ~~Forgings or Castings~~. SCREW SHAFT:

*W. Hantell*

GENOA, July 25th, 1929

Lloyd's  
No. *391*  
G.C.V. *9.7.29*

	<del>CRANK SHAFT.</del>	<del>THROST SHAFT.</del>	<del>INTERMEDIATE SHAFT.</del>	<del>WHEEL SHAFT.</del>
	<del>FLYWHEEL SHAFT.</del>	<i>1</i> <i>BRONZE LINER</i>		<i>1</i> <i>SCREW SHAFT.</i>
Material* ...		<i>Bronze</i>		<i>S.M. Ingot steel</i>
How made ...		<i>Cast</i>		<i>Forged</i>
Annealed ...		<i>--</i>		<i>Yes</i>
Dimensions, Forgings		<i>380x324x1560 m/m.</i>		<i>L = 5240; Ø = 330</i>
Weight, Castings		<i>660 Kgs.</i>		<i>3425 Kgs.</i>
Progress on Inspection		<i>Rough cast</i>		<i>Rough forged</i>
Tests on Standard Test Pieces.		<i>340</i> <i>(60x14.9 mm.)</i>		<i>391</i> <i>(80 x 20 mm.)</i>
Tensile Test—		<i>30.5</i>		<i>50.9</i>
... per square inch ...		<i>41.5</i>		<i>30</i>
Extension per cent		<i>--</i>		<i>180°, good</i>
Cold Bending Test—		<i>--</i>		<i>26/3; 13/4; 18/5/29.</i>
Angle before fracture		<i>5, 11/3/29.</i>		
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

THE SCREW SHAFT HAS BEEN EXAMINED IN FINISHED CONDITION  
AND MARKED AS ABOVE.

*25/7/29.*

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

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

Seamless Material *Steel* Range of tensile strength *41 Kg/cm²* Working pressure by Rules *13*  
Total cubic capacity *8,000 lit* Internal diameter *294 mm* thickness *13*  
Seamless Material *Steel* Range of tensile strength *41 Kg/cm²* Working pressure by Rules