Hpt. 7. *For the information of Surveyors and the Committee only.*

Received at ..... Office, ... 19

P. **Lloyd's Register of British & Foreign Shipping.**

Order 170912. (Report on Machinery, No. ..... Port .....)

No. 13991. ENGINE FORGINGS ~~OR CASTINGS~~.

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

I have to report that the ~~Iron or~~ *Steel Forgings* ~~or Castings~~, *as herein described, manufactured by* Messrs, Fried. Krupp, Akt. Ges. *of* Essen-Ruhr *for the Engines No.* ..... *being constructed by* Cantiere Officine Savoia *of* Cornigliano - Ligure *for the Ship No.* Aquila, *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 free from defects

1 four throw solid crank shaft, 1 Thrust-1 Intermediate-& 1 Propeller shaft.

Mark on Forgings or Castings.

Lloyd's
No. 1339, 1341, 1342, 1340.
M.B.2.12.

Düsseldorf, 22nd February 1912.

M. Berg

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*	Annealed Siemens Martin ingot steel	Annealed Siemens Siemens Martin ingot	Annealed Siemens steel.Mart.ingot	Annealed Siemens steel
How made	forged	forged	forged	forged
Dimensions	6 5/16" diam. 160 m/m	5½" diam. 140 m/m	5½" diam 140 m/m	6½" diam. approved 5.9 = 150
Progress on Inspection ...	rough turned	rough turned	rough turned	rough turned
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch ...	30,4	30,6	30,6	30,1
Extension per cent ...	37,3	39,6	39,6	35,7
Cold Bending Test— Angle before fracture ...	180 degr. good	180 degr. good.	180 degr.good.	180 degr. good.
Dates when Inspected	30.1, 15/2.1912.	30.1., 15/2.1912.	30/1., 15/2.1912.	30/1., 15/2.1912.

PARTICULARS OF OTHER TESTS APPLIED TO ~~CASTINGS~~

Diameter of sample .798"

Fee (if any chargeable) £
To be paid at Düsseldorf.

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

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W1376-0033

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19

Lloyd's Register of British & Foreign Shipping.

Order 12091. (Report on Machinery, No. _____ Port _____)

No. ENGINE FORGINGS OR CASTINGS.

I have to report that the Steel Forgings or Castings, as herein described, manufactured by Messrs. Fried. Krupp, Akt. Ges. of Essen-Ruhr for the Engines No. _____ being constructed by Cantiere Officine Savoia of Sampierdarena - Italy for the Ship No. Aquila, building at _____ 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.

I four thrust solid crank shaft. I Thrust - I Intermediate - & I Propeller shaft.

Mark on Forgings or Castings.

Lloyd's No. 1339, 1341, 1342, 1340. M.E.2.12.

Dusseldorf, 22nd February 1912.

Shipping for C. Nave Aquila
Cast steel
Completing, middle
Steel shafts

Received 27 MAY 1912 LLOYD'S REGISTER OF SHIPPING

	CRANK SHAFT.	STRAIGHT SHAFTING. THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*	Annealed Siemens Martin Ingot steel	Annealed Siemens Martin Ingot steel	Annealed Siemens Ingot steel	Annealed Siemens Ingot steel
How made	Forged	Forged	Forged	Forged
Dimensions	8 5/16" diam.	5½" diam.	5½" diam.	8½" diam.
Progress on Inspection	Rough turned	Rough turned	Rough turned	Rough turned
Tests on Standard Test Piece. Tensile Test— Tons per square inch	30,4	30,6	30,6	30,1
Extension per cent	32,3	32,6	30,6	35,7
Cold Bending Test— Angle before fracture	180 degr. good	180 degr. good.	180 degr. good.	180 degr. good.
Dates when Inspected	30.1., 15/2.1912.	30.1., 15/2.1912.	30/1., 15/2.1912.	30/1., 15/2.1912.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS.

Diameter of sample .798"

Fee (if any chargeable) £

To be paid at Dusseldorf.

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

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