

89702 on the *Twin Triple Quadruple* Screw vessel

BARFONN

Built at *GOTHENBURG* By whom built *A.B. GÖTAVERKEN* Yard No. *443* When

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

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

No. *362463*. (Report on Machinery, No. *8324* Port *Gothenburg*)

No. *31421* ENGINE FORGINGS ~~OR~~ CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by *Messrs. Gutehoffnungshütte A.G.* of *Sterkrade* for the Engines No. *1947* ~~1948~~ being constructed by *Messrs. A.B. Götaverken* of *Gothenburg* for the Ship No. *443*, being built by *Messrs. A.B. Götaverken* of *Göteborg* 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 *Göteborg*.

Forgings or Castings.

Düsseldorf 15th July 1930.

Lloyd's
No. *630/631*.
F.S.10.7.30.

Jr. Schnell

1 four throw built up crank shaft with 1 pump shaft

	2 webs		2 crank throws		1 crank throw		2 journals	
Material	Annealed Siemens Martin Steel							
Condition	cast		forged		forged		forged	
Inspected	Yes		Yes		Yes		Yes	
Dimensions, Forgings	350 mm Ø		350 mm Ø		350 mm Ø		350 mm Ø	
Condition, Castings	rough turned and finished							
Weight on Standard Test Pieces.	.798	3"	.798	3"	.798	3"	.798	3"
Tensile Test—	29,9	30,3	30,3		29,9	30,3	28,8	30,7
Stress per square inch	33,8	29,9	33,3		32,0	32,0	33,3	30,6
Elongation per cent	180 degr. good		180 degr. good		180 degr. good		180 degr. good	
Bending Test—	180 degr. good		180 degr. good		180 degr. good		180 degr. good	
Time before fracture	10.7.30.		10.7.30.		10.7.30.		10.7.30.	
When Inspected	10.7.30.		10.7.30.		10.7.30.		10.7.30.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

For webs .798 3" 29,5 Tons p.sq.inch. 32,0% elongation.
For pump shaft .798 3" 30,3 " " " 29,3% " 631. 250 mm Ø

(if any chargeable) £

To be paid at *Düsseldorf*.

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

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Lloyd's Register
Foundation
W1123-0259
W1123-0263
diameter *450 mm*
358 mm
197 mm
377-393 kg/cm²
Range of tensile strength
Working pressure

Seamless, lap welded or riveted longitudinal joint. *3 mm* Material *M. Steel*