

84702 on the Twin Screw vessel  
 Triple Quadruple  
 GÖTHENBERG

DANTONN  
 Built at AB GÖTAVERKEN

Yard No. 443 When built 1947  
 1948 When made 1948  
 1948 When made 1948  
 1948 When made 1948  
 ing to STAVA  
 s Electric Light  
 Single or double  
 No. of cranks  
 in each crank  
 sed  
 ess parallel to  
 ess around eye  
 as  
 ars  
 as fitted  
 us liner  
 he liner mad  
 nes  
 n-corrosive  
 d at the aft  
 orting prop  
 d Surfaces  
 Yes  
 ers water co  
 l back to the  
 in the vessel  
 is at work  
 t pump  
 elctric  
 - 70 ton  
 ge Pumps  
 Pump Room  
 compute  
 to collar  
 ctions in t  
 es  
 e deep water  
 s covering p  
 r machiner  
 orked from  
 iven by  
 iven by  
 iven by  
 iven by  
 l  
 aft  
 receiver  
 thickness  
 by Ru  
 Actual  
 Seamless, lap welded or riveted longitudinal joint  
 3 Seamless Material  
 Range of tensile strength  
 Working pressure  
 Actual  
 diameter  
 thickness  
 1870-1850 %

For the information of Surveyors and the Committee only.  
 Received at \_\_\_\_\_ Office, \_\_\_\_\_ 19

# Lloyd's Register of Shipping.

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

No. 31481. ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings <sup>&</sup> Castings, as herein described, manufactured by Messrs. Gutehoffnungshütte A.G. of Sterkrade for the Engines No. <sup>1047</sup> ~~1948~~ being constructed by Messrs. AB 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.

on Forgings or Castings.

Lloyd's  
 No. 710/711.  
 F.S. 23.7.30.

Düsseldorf 26th July 1930.

*J. Schnell*

1 four throw built up crank shaft with pump shaft.

	CRANK SHAFT	CRANK THROW	INTERMEDIATE SHAFT	PUSS SHAFT	SCREW SHAFT
	2 webs	1 crank throw	2 crank throws	1 journal	1 journal
	FLANGE SHAFT				
Material	Annealed	Siemens	Martin	Steel	
Material	cast	forged	forged	forged	
Heat treated	Yes	Yes	Yes	Yes	
Dimensions, Forgings		350 mm Ø	350 mm Ø	350 mm Ø	
Material, Castings					
Process on inspection	rough turned and finished		rough turned and finished		
Dimensions on Standard Test Pieces	.798 3"	.798 3"	.798 3"	.798 3"	.798 3"
Tensile Test— per square inch	30,3 30,3	29,5	30,3	31,9	28,8
Elongation per cent	29,9 28,6	34,6	33,3	29,8	33,3
Bending Test— before fracture	120 degr. good	180 degr. good	180 degr. good	180 degr. good	
When Inspected	23.7.30.	23.7.30.	23.7.30.	23.7.30.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Dimensions	.798 3"	28,7 Tons p.sq.inch.	34,6% elongation
"	.798 3"	30,9 " " "	29,3% "
Pump shaft	.798 3"	30,3 " " "	29,3% " 711. 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.

W1123-0256

W1123-0263

Lloyd's Register  
 Forging

Seamless, lap welded or riveted longitudinal joint. Material Steel Range of tensile strength 377-39.3 kg/cm<sup>2</sup> Working pressure 1870-1850 % thickness 3.58"