

RT

LYON

COPY

No. LYO F.130

## LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER

\*SHIP OR ENGINE FORGINGS OR CASTINGS

I have to report that the Forgings or Castings as herein described, manufactured

Die des Ateliers et Forges de of St. Chamond (Loire)  
the Engines No. la Loire being constructed by Messrs. HENSCHEL  
order 222.62 of 7/7/56 placed being built by Maschinenbau  
Hamburg for the Ship No. ~~XXXXXXXXXX~~  
(Germany) of ~~XXXXXXXXXX~~

been inspected by me as set forth below, and found to be, so far as can be seen,  
and free from defects. These have been despatched to HENSCHEL MASCHINENBAU  
Hamburg-Süd (Germany)

ITEM	One Six Throw Crankshaft
Identification No.	LYO C.50
Surveyor's Initials.	CD
Materials.	Electric furnace steel
How made.	Forged
Heat treated.	Yes
Dimensions.	To drawing
Weight.	4510 Kgs
Progress on Insp.	Rough machined
Yield kgs per sq. mm	Top Bottom
Ult. kgs per sq. mm	44.0 44.0
	75.5 43.0
Elong. % on 50.8 mm	20 21
Reduc. of Area %	45 43.6
Cold Bend.	-- --
Brinell.	-- --
Izod.	5.70 5.98
Final date.	Mesnager 24th July 1956.

Henschel II

Per Kontrolle  
(H. Diekmann)

für den Störke Hand-  
alt  
The 29/10.

Date of approval of chemical analysis, physical properties and heat treatment in the  
case of special steels for reduction gearing forgings.

Remarks:

Forge black has remained in two places on this shaft after  
rough machining, but may be reduced on finishing.

Signature

R 34.000

Expenses:

3.320

\*Delete where not applicable.

Date 26.10.56