

## 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  
by Messrs. Stahlwerke of Osnabrück  
\*for the Engines No. being constructed by  
of for the Ship No. "PAMIR" ~~being built by~~  
after forging  
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~~

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that :—  
"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed it is to be understood that neither the Society nor any Member of any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default or negligence of any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."

ITEM	1 Stern Frame
Identification No.	LLOYD'S F.S. 329 27.3.51
Surveyor's Initials.	F.S.
Materials.	S.M. Steel
How made.	Forged
Heat treated.	Yes
Dimensions.	450 mm square
Weight.	6500 kg
Progress on Insp.	unmachined
Yield kg per sq. mm	29.5
Ult. kg per sq. mm	48.9
Elong. % on 100. mm	30%
Reduc. of Area %	--
Cold Bend.	180° - good
Brinell.	--
Izod.	--
Final date.	17.10.1951

See Rpt. 6 - Düsseldorf 1.4.51 Df.F. No. 1207  
This material has been forged by Messrs. Howaldtswerke,  
Kiel, for the stern frame of the vessel "PAMIR", and  
has been examined after forging, heat treatment and  
finish-machining and found satisfactory.

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

Other tests :

Fee :

Signature

Georg Nohr

Expenses :

\*Delete where not applicable.