COPY

Lloyd's Register of Shipping.

No. M-72448

Port .... KOBE ....

23rd August, 1961.

This is to Certify *that at the request*

of Messrs. Hitachi Shipbuilding & Engineering Co., Ltd., Chikko Shipyard,
Osaka, Japan

the ~~Open Hearth~~ / Electric furnace *Steel* Forgings ~~or Castings~~ *named below* was / ~~were~~ *examined*
and tested in accordance with the Society's Rules at their works on the
7th June, 1961 *and subsequently and found to be, so far as could*
be ascertained, sound and free from defects.

One (1) Piston Rod for main engine,
250mm dia. x 2,921 mm length and
weight 1,300 kgs in rough machined
condition.

The test results are as follows:

Test Mark	Tenacity Kg/mm² Yield	Tenacity Kg/mm² Ult.	Elongation % in 50mm	Reduction of Area %	Hardnes B. H. N.	Impact Kg m/cm²	Bend 180°	Remarks
R1171-2(T)	27.9	46.1	38.0	60.5			Good	Annealed
(B)	26.0	46.1	37.0	56.8			"	"
								K-27557

This forging *is* / ~~are~~ *intended for* Hitachi Shipbuilding &
Eng., Co., Ltd., Sukurajima Shipyard, Osaka, Eng. No.2151
(Ship No.3923) Examined finished machined *and* has / ~~have~~ *been stamped as follows:*

Port KOBE
Date 26-1-62 and marked
for identification
(Marks) HC-F1675-2
SH 26-1-62 LR

R1171-2
LLOYD'S KOB
.K-27557
H.NO
21-8-61 PM LR
F 1675-2

SH .... Surveyor's initials

.... Surveyor to Lloyd's Register.

COPY

(CERT. F&C) 6,61. KOB