

COPY

Lloyd's Register of Shipping.

No. W-72816-A



Port KOBE

5th September, 1961.

This is to Certify that at the request of Messrs. Hitachi Shipbuilding & Eng., Co., Ltd., Chikko Shipyard, Osaka, Japan the ~~Open Hearth~~ Steel Forgings or ~~Castings~~ named below ~~were~~ <sup>was</sup> examined and tested in accordance with the Society's Rules at their works on the 17th July, 1961 and subsequently and found to be, so far as could be ascertained, sound and free from defects.

One (1) Tailshaft in rough machined condition, Dia. 553 mm, Length 6295 mm, Weight 11,300 Kgs.

The test results are as follows:

| Test Mark  | Tensile                    |                            | Elongation<br>% in 2<br>50mm | Reduction<br>of Area<br>% | Hardnes<br>B. H. N. | Impact<br>Kg m/cm <sup>2</sup> | Bend |      | Remarks |
|------------|----------------------------|----------------------------|------------------------------|---------------------------|---------------------|--------------------------------|------|------|---------|
|            | Yield<br>T/mm <sup>2</sup> | Ult.<br>Kg/mm <sup>2</sup> |                              |                           |                     |                                | 120° | 180° |         |
| R1247(Top) | 29.2                       | 45.5                       | 39.0                         | 64.9                      | -                   | -                              | Good |      |         |
| " (Bottom) | 29.9                       | 45.5                       | 39.0                         | 53.9                      | -                   | -                              | "    |      |         |

The Tailshaft ~~is~~ <sup>are</sup> intended for Ship No. 3923 being built by their Sakurajima Shipyard, Osaka

and ~~has~~ <sup>have</sup> been stamped as follows:

|               |
|---------------|
| LLOYD'S KOB   |
| NO. HC-F 1752 |
| SH LR         |
| 4-9-61        |

Examined finished machines  
Port KOBE  
Date 8-3-62 and marked  
for identification

(Marks) HC-F 1752  
SH 8-3-62 LR

*S. Hashiguchi*  
Surveyor to Lloyd's Register.  
S. Hashiguchi

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."

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