

PORT Hannover, Georgstr. 40

RADIANT

No. HNO.F. 62/ 11

LLOYD'S REGISTER OF SHIPPING

No. 181/715 221 A 4
No. 061/158

*SHIP OR ENGINE FORGINGS OR CASTINGS

I have to report that the ~~Forgings~~ Castings, as herein described, manufactured by Messrs. Osnabrücker Kupfer- und Drahtwerk of Osnabrück
 *for the Engines No. being constructed by Messrs. De Rotterdamsche Droogdok Mij. N.V.,
 of Rotterdam for the Ship No. being built by

of
 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 Rotterdam / Holland.

ITEM 1 hollow strand cast bronze tail shaft liner

Identification No. LLOYD'S HNO 82 FK 21.12.61 FK

Surveyor's Initials. FK

Materials. bronze

How made. hollow strand cast

Heat treated. no

Dimensions. 616/603.2/619.1 mm outs.dia.

552.6/554.8 mm ins.dia.

Weight. 5314 mm long

2714 kg
Progress on Insp. rough turned on outside
finished on inside

Yield kg per sq.mm 16.7 18.3

Ult. kg per sq.mm 34.8 34.4

Elong. % on 4 V-A 40.0 38.0

Reduc. of Area % --

Cold Bend. 180 degr. satisfactory

Brinell. HB = 87

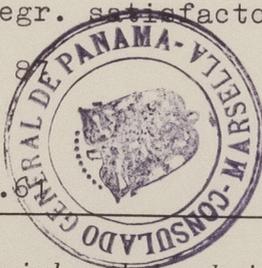
Izod. --

Final date. 21.12.61

VISADO EN ESTE CONSULADO GENERAL DE LA REPUBLICA DE PANAMA

MARSELLA hoy 8 de ABRIL 1962

Ernesto Bellino
ERNESTO BELLINO
Consul General de Panama



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

Other tests: Hydr. test at 2 kg/cm² satisfactory.

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Fee:

Signature

Expenses:

F. Kreuzer Date

*Delete where not applicable.

11.1.1962

I hereby certify that the above is a true and correct copy of the original report as submitted to me by the Surveyor, or other person named in the report, 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.