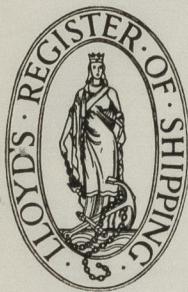


COPY

LLOYD'S REGISTER OF SHIPPING



Port Le Havre

27th January 1960

This is to Certify that

Leslie S. SIMS.

the undersigned Surveyor to this Society did at the request of
Forges et Chantiers de la Méditerranée Le Havre
attend their Works at Le Havre on the 31st of December 1959
and subsequently, for the purpose of examining and testing one 5 blade bronze
bladed right hand propeller Order No. - propeller
left hand made to the
order of Forges et Chantiers de la Méditerranée LA SEYNE
and intended for m/v "LA ESTANCIA"

The particulars of the propeller were stated to be as follows:—

Material H T Brass Trade Name N°393
Diameter 5 m Weight 8 774 K
Pitch 3.749 m. †Moment of Inertia -
Developed Surface 1 m 8925 Blades thickness at 181 mm.
top of root fillet

An integrally cast test piece, identified with the casting, was
4 separately stamped and afterwards tested in my presence with the following results:

MARK	DIAMETER INCHES	AREA SQ. INS.	TENSILE STRENGTH TONS PER SQ. IN.	ELONGATION %ON. 2 INCHES.
M 3	0,505	0,2	29	30
23	0,505	0,2	28,8	28

The propeller, *complies with the requirements for Ice Strengthening
Class and having the bore finish machined, faced, recessed for joint
ring, keyway cut and blades machined, was examined and found satisfactory
as far as seen and for identification purposes the boss was stamped thus:—

LLOYDS - HAV - N°1695 - 31/12/1959 - LSS

Fee £ NF :117,50

* Delete words not applicable

Exp: 40,00

Leslie S. Sims.
Surveyor to Lloyd's Register

† If available

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."

(Cert. Prop.) 10m,4,59 (MADE AND PRINTED IN ENGLAND.)

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