

LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER

Port LEITH.

18th June, 1956.

This is to Certify that

G. G. HAY.

undersigned Surveyor to this Society did at the request of

Admiralty, Rosyth, attend at The Pipe Forge Co., Ltd.,
Edy, on 8th June, 1956, and subsequently for the purpose
inspecting and rectifying, if necessary, the three throw
crankshaft from the Admiralty Tug "ENFORCER".

This shaft was first inspected in the lathe, all
journals were examined for slackness in Webs and
found to be tight: clock gauge readings taken in way of
journals and coupling face were found to be as follows :-

Aft.	M.P. Journals.		L.P. Journals.		Cplg. Face.
	Ford.	Aft.	Ford.	Aft.	
21/1000"	28/1000"	40/1000"	32/1000"	8/1000"	8/1000"

After skinning up the shaft was again tested for truth in the
and the following readings noted :-

Aft.	M.P. Journals.		L.P. Journals.		Cplg. Face.
	Ford.	Aft.	Ford.	Aft.	
1/100"	1/1000"	1/1000"	1/1000"	1/1000"	1/1000"

Journals before and after skinning:-

Aft.	M.P. Journals.		L.P. Journals.	
	Ford.	Aft.	Ford.	Aft.
10.232	10.232	10.233	10.234	10.233
10.189	10.189	10.189	10.188	10.189

The crankshaft was next set up level on "V" blocks on
Face Table and the three crankpins checked for alignment.
Clock readings were taken and found satisfactory. Finally
it was tested for truth by turning on the "V" blocks and
following clock gauge readings noted.

G. G. Hay

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

Journal.
Aft.

" 1.5/1000"

M.P. Journal.
Ford. Aft.

1/1000" 1/1000"

L.P. Journal.
Ford. Aft.

1.5/1000" 0.

In my opinion this crankshaft is in good condition now satisfactory as regards truth, deflections and alignment.

G. G. Hay

Surveyor to Lloyd's Register of Shipping.
G. G. HAY.

8: 8: -.
1: 3: 6.
9:11: 6.

