

COPY.

Lloyd's Register of Shipping.



Port

PLYMOUTH

May 22nd. 1925.

This is to Certify that

P. T. BROWN.

the undersigned Surveyor to this Society did at the request of

Mr. Frank Heslop, acting on behalf of the owner, attend aboard the steamer "EUTH" - No 21694 in Register Book, 226 tons Gross- on 27th April 1925, whilst lying in Sutton Harbour Plymouth, for the purpose of ascertaining the nature and extent of damage stated to have been caused to the machinery of this vessel by the vessel striking some submerged object at 2.10 p.m. on 18th April 1925 whilst on a voyage from Plymouth towards Cardiff.

For full particulars see log books and protest.

In consequence of the general condition of the machinery, as seen from first examination, it was recommended that the whole of main engines and pumps be stripped for examination; that the tail shaft be withdrawn and tested in lathe; that the crank and thrust shafts be taken ashore and tried in lathe, and that subsequently, all shafting be set to correct alignment aboard.

Following on these recommendations the undernoted defects were found and recommendations made:-

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:-

"While the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Committee nor the Society are 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 the Surveyors, or other Officers or Agents of the Society."

2.

- " RUTH " - Cont.

Found.

Forward journal end of
crank shaft slightly out
of truth.

No I main bearing worn and
in consequence of above
recommendation not
adjustable.

Bolts of Nos I & 2 main
bearings started.

Collars of thrust shaft
scored; whitemetal of
thrust shoes scored;
threads of thrust screws
strained and threads of
nuts stripped.

L. P. column bolts slack.

Tail shaft coupling slightly
out of truth.

All shafting.

Recommended.

Forward end to be
re-centred and forward
end and after coupling be
skimmed.

No I main bearing brasses
be renewed.

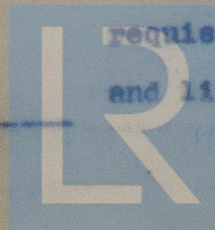
Bolts be removed examined
annealed and replaced.

Thrust collars &
couplings be faced;
shoes retailed; thrust
screws and nuts be
renewed.

To be hardened up;
also that all engine
holding down bolts be
tested and dealt with
as found necessary.

Coupling to be faced.

In consequence of
facing of couplings,
the coupling bolts to
be renewed as found
requisite on assembly
and lining of shafting.



Lloyd's Register
Foundation

W1121 0324 45 5

3.

- * RUTH *- Cont.Found.

H. P. slide valve and
face badly scored; screws
securing valve face slack
and four screws broken.

Ridge near top of H. P.
cylinder.

H.P. and L.P. piston rods
slightly bent.

H. P. valve rod bent.

H.P. eccentric rods bent.

Metal of H. P. eccentric
straps squeezed out and
straps strained.

Flange of H. P.
eccentric sheaves broken.

Metal of H. P. and
L. P. bottom end
basses run.

H. P. and L. P. guide
bars scored.

Recommended.

Slide valve to be
machined; valve face
with securing screws
to be renewed.

To be chipped off.

To be faired and
skimmed; neck and
gland bushes to be
renewed.

To be renewed; old
end to be used and
welded to bar to form
new rod.

To be faired, annealed
and refitted.

Straps to renew
complete.

Eccentric sheaves to be
renewed.

Basses to remetal.

To be removed, machined
and refitted.



© 2020

Lloyd's Register
Foundation

W1121-0324 3/5 + 4/

4.

- " RUTH " - Cont.

Found.Recommended.

Spring behind L. P.
valve distorted.

To be refitted.

L. P. valve rod
scored.

To be renewed; old
end to be used and
welded to bar to form
new rod.

Feed pump gudgeon
end started and ram
scored.

Feed pump ram to renew
complete.

Bilge pump ram scored.

To be skimmed; neck
and gland bushes to be
renewed.

Air and circulating
pump rods scored.

To be skimmed and neck
bushes renewed.

Circulating pump ^{bucket} ~~rod~~ at
loose in chamber.

To be whitened.

Journals of pump cross head
unequally worn.

To be skimmed.

One bolt of pump link on
pump side broken and one
bolt distorted.

Broken bolt to renew,
distorted bolt to
straighten and refit; all
links to be overhauled
and set to alignment;
one half brace to renew.



© 2020

Lloyd's Register
Foundation

W1121-0324 4/5

5.

- " RUTH " - Cont.Found.

One feed pump valve
and seating distorted.

Recommended.

Valve and seating to be
renewed.

The above recommendations made to place the machinery
of this vessel in good and efficient condition.

(Sd) P. T. BROWN

Surveyor to Lloyds Register.

Fee. £5-5-0.



© 2020

Lloyd's Register
Foundation

W112-0324 5/5