

COPY.

Lloyd's Register of Shipping.



Port GDYNIA

4th June 1948.

This is to Certify that

Walter Kimber

the undersigned Surveyor to this Society did at the request of
Główny Urząd Morski, Szczecin, attend on board the Steel Screw Tugboat/Icebreaker
"SWAROZYK" 712 tons gross of Szczecin on the 3rd June for the purpose of
ascertaining the nature and extent of the damage cause not stated.
Upon examination

Found

Forward high pressure cylinder.
Cylinder cover broken and holed in
clearance recess for piston rod end.
Hole approximately 4" x 2".
Piston rod end and nut badly hammered.

Piston junk ring set screws (1" whitworth).
6 out of 8 originally fitted slack and
two bent. The remaining two were completely
clear of the piston one being bent and
battered the other in small pieces.
Battered washers were also found.

High pressure valve, top section badly
scored and two rings broken.
High pressure valve chest top liner scored.
High pressure cylinder slightly scored.
Forward low pressure cylinder bottom
section of piston, five out of six
diagonal ribs, cracked at junction of ribs
and periphery of piston.

In view of the above the after high pressure cylinder was opened up
for examination.

Found

Six out of eight junk ring set screws
although screwed in tight were regi-
stering at their points only and both
copper and steel washers were slack
under their heads.

Oil gland of screw shaft looking badly
and deposits of foreign matter with
traces of metal escaping from stern gland.
Starboard side auxiliary steam distribution
valve box. Valve seats slack in valve chest.

Recommended

To be renewed.

To be removed for further examination
and rectification.

Screws to be renewed by screws with
slightly deeper heads and wired through
holes drilled in heads as extra safety
device. Clearance of piston to be
checked after fitting set screws.
Washers to be renewed as necessary and
fitted according to plan on board.
To be renewed with rings.

No repair considered necessary.
No repair considered necessary.
No repair considered necessary.

Recommended

New bolts be fitted extended to take
securing wire through their heads, as for
forward High Pressure piston, noted above.

Screw shaft to be withdrawn for
examination oil gland placed in
good condition and stern gland
repacked.

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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(SVAROZYK)

Found

Starboard auxiliary steam valve
distribution chest valve seats
sleak.

Port boiler

One main stay nut leaking.

Two smoke tubes weeping.

Recommended

To be further examined and new
seats fitted as necessary,

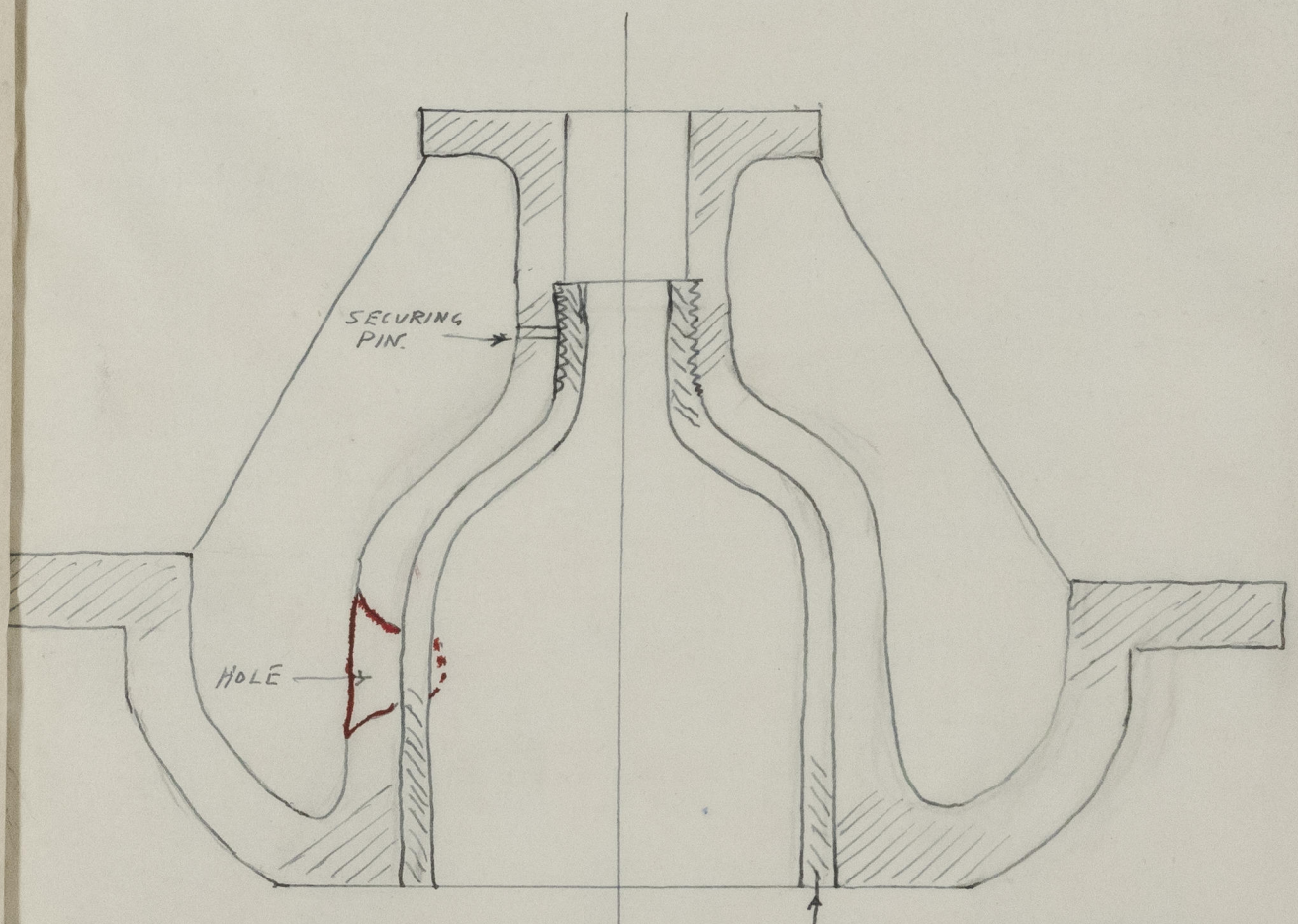
Nut to be refitted.

To be re-expanded.

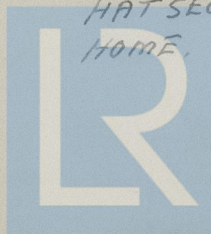
No docking facilities being available at Stettin it is further recommended that a temporary repair be effected to the broken cylinder cover by machining the piston rod nut clearance recess and fitting a hat sectioned mild steel patch (see sketch) which will enable the vessel to operate pending receipt of a new cover. Vessel to proceed to dry dock for the examination of screw shaft and oil gland.

W. K. Miller

Surveyor to Lloyd's Register.



COVER TO BE MACHINED AND
HAT SECTIONED PATCH SCREWED
HOME.



Lloyd's Register
Foundation