

NEWCASTLE-on-TYNE,

11th August, 1919.

THOMAS FIELD

the Ministry of Shipping in conjunction with Mr. Damslet representing the Norske Veritas Society ( who are acting on behalf the German Government) and Mr. Barnett representing the appointed Managers survey the Machinery, Boilers and equipment the German surrendered Steel Screw Steamer " WILH HEMSOETH " 17 tons gross of Londen on the 22nd July, 1919 and subsequent tests while on Messrs. Cleland Co's Slipway and afloat at Willingdon Quay-on-Tyne.

The following Certificate found a board examined and contents noted.

Germanischer Lloyd's Certificate No. 4292

\* 4 L (E) 7th May, 1914.

An examination of the Machinery and Boilers were made, defects noted and repaired where necessary as follows:-  
Cylinders, pistons, slide valves, pumps, condenser, crank, shaft, tunnel and screw shafts, propeller and sea connections, and boilers internally and externally and their mountings.

The shafting found corroded and white metal of main and LP bottom end bushes fractured and scored. The crank was lifted, journals dressed up, white metal in main bearings



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was tested and some small portions of caulking made good.

A number of the limbers were lifted in the holds and the bilges found satisfactory.

The bunkers were examined, being about one third full.

The tank top in way of the boilers was examined and found satisfactory.

The general condition of the vessel was found to be as described in the report previously made in August 1919, a portion of the surfaces of the structure having been recently scaled and coated.

#### M A C H I N E R Y .

Single screw, two main boilers, natural draught.

Engines and boilers examined generally without opening up and no damage or apparent defect found except in the condenser; feed and bilge pumps; two after plunger blocks; boiler mountings; combustion chamber screw stays; Circ. seam of Starboard boiler; bottom manholes of main boilers and L. P. and M. P. eccentric sheaves, in which case the following recommendations and repairs were made.

Condenser opened up and examined and a number of tubes found plugged and others leaking; tubes drawn, cleaned and tested and replaced or renewed where necessary. Condenser tested.

Cast Iron feed pump rams turned down and cased in brass and neck and gland bushes made to fit. Bilge pump rams skimmed up and new neck and gland bushes fitted. Two after plunger blocks lined up.

Boiler mountings opened up, examined, overhauled and made good

Several combustion chamber screws stay nuts removed, plates caulked in way and nuts replaced or renewed as found necessary.

Circ. seam of starboard boiler caulked and made tight.

Referred to the Chief Ship Surveyor,  
and the Chief Engineer Surveyor.

*F.M.*

JUL 16  
Referred to Mr. Mayne.

Advise Keith  
Surveyors

*F.P.D. K.*  
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Four bottom manhole doors refitted.

M. P. and L. P. eccentric sheaves adjusted and liners  
fitted.

Sundry small engine room repairs effected.

Judging from our inspection of the parts of the vessel  
and her machinery which have now been examined, and after reading  
the reports of the Surveyors on the survey held at Newcastle on  
yne in August last, we are of opinion that the vessel and her  
machinery appear to be in a fit condition to run for a further  
period of six months from the new date of survey.

*D. G. Baker*

*Thomas Miller*

Surveyors to Lloyd's Register.

Middlesbrough.



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