

NEWCASTLE-on-TYNE,

11th August, 1919.

THOMAS FIELD

the Ministry of Shipping in conjunction with Mr. Damslet
 presenting 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 HEMSOTH"
 17 tons gross of Londen on the 22nd July, 1919 and subsequent
 tes while on Messrs. Cleland Co's Shipway and afloat at Willing-
 Quay-on-Tyne.

The following Certificate found a board examined and
 tents noted.

Germanischer Lloyd's Certificate No. 4292

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

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

The shafting found corroded and white metal of
 nd LP bottom end bushes fractured and scored. The crank
 t 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 plummer 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 plummer 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.

RM.

JUL 16
Referred to Mr. Mayne.

Advise Keith
Surveyors

F.R.D. K.
16/7/19



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Four bottom manhole doors refitted.

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

refitted.

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 Tyne 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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