

WB=Cell DBorLBa 161.5 feet; uE&B 33.25 feet; f 189.675 feet; }
total capacity 1573 tons. FPT 57 tons; APT 82 tons; MT feet tons.

Particulars of
precisely as

W630-0222

S. S. Falkenfels ex German Steamer

Her vessel built in 1915 by Messrs Act. Geo. Weser
men. was classed with the Germanischer Lloyd,
and is now at Cardiff undergoing survey with a
view to classification with this Society

preliminary report on the machinery, together with
plan of the main boilers, has now been forwarded
to the Cardiff Surveyors.

With engines having cylinders 720 x 1030 x 1480 x 2170 mm
diameter by 1400 mm stroke, working pressure 15 kg/cm²,
new shaft fitted with a continuous liner, diameter of
propeller 20'-0", the sizes of shafting as stated viz:-
crank 415 mm, thrust 415 mm, intermediate 395 mm
and screw 432 mm diameter are in accordance with
the requirements of the Rules.

With reference to the boilers the scantlings as shown on
plan meet the requirements of the Rules for the original
working pressure of 15 kg/cm², with the exception of the
furnaces the thickness of which is less than that
required for the intended working pressure.

It is submitted that provided the working parts
of the engines be opened out and examined and
found in good and safe working condition and
in accordance with the Rules; the pumping
arrangements be in order; the boilers be examined
throughout, the scantlings be in accordance with
the plan and be found in good and safe
working condition, and the furnaces be specially
examined and be found to show no sign of
strain; the same might be accepted for the
original working pressure of 15 kg/cm² and a
notation of L.S.C (with date) but without the
distinguishing mark + assigned
Return preliminary report and book of plan
Dated 21/12/20

Character Assigned

Off 1.21 FRI. 8 JUN 1923

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