

of CARDIFF.

20th January 1921.

James Barclay,

Mr. Lowdon, the representative of the owners of the ex-German
steamer

"FALKENFELS", now "TRIDETHAN".

3322 tons gross, 750 nominal horse power, of St. Ives, make a
survey of the main and auxiliary engines and boilers, with a
view to their being classed in this Society's Register Book.

The vessel was placed in the Mount Stuart Dry Dock
Coe., Dry Dock, Cardiff, on the 2nd December 1920, and on this
and subsequent days while in dry dock and afterwards afloat
in the Queen Alexandra Dock, Cardiff, the whole of the main
and auxiliary engines and boilers were opened up for examination
and these found or now put in good condition as follows

Propeller, two new blades fitted,

Stern tube stuffing box repacked, and brass nuts fitted to
gland studs

Bilge suction pipes repaired.

Condenser tested, Iron bolts in through stays wasted, now
renewed in brass.

Weire pump overhauled, valve spindle pins, piston rings, and
rings for water buckets renewed, suction and delivery valves
and seats, faced and refitted.



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W630-0230 1/2

TUES. 25 AUG 1925

-2-

General service pumps taken to works and overhauled, cylinders
red out, piston rings renewed, water end rods trued up, new fibre
lives fitted, valve gear made good, pumps refitted in place.

Ballast pump, which also pumps from bilges, fitted with a
parate bilge suction. It is also fitted with a master valve,
ich separates tanks from bilges.

Dynamo engine overhauled, slide valve spindle trued up, neck
sh renewed, electric installation overhauled.

Ash hoist engine and fan engines overhauled.

Evaporator cleaned and overhauled.

Main Boilers. Leaking circumferential seam in forward boiler
alked.

All furnaces gauged and gaugings compared with those made
elve months ago, and found in order, there is no appearance of
movement.

All mountings overhauled and ground in.

Furnace and smoke box doors, fittings, and air valves overhauled.

Pipes in way of hull repairs refitted.

Main and auxiliary engines, and boilers tried under steam and
nd satisfactory.

As far as can be judged from the inspection of the various
ts of the machinery and boilers now examined, I am of the opinion
the machinery and boilers of this vessel appear to be in a fit
ition to run for a period of six months.

James Barclay

SURVEYOR TO LLOYD'S REGISTER.



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