

Report of Survey for Repairs of Engines and Boilers.

(Received at London Office, 6/12/80)

No. 9
g. Book. Survey held at *New York* Date, first Survey *Nov. 3^d* Last Survey *Nov 12* 18 *80*

15 on the Machinery of the S.S. "*Ferdinand van der Galen*" (Number of Visits *3*)

5 Tonnage, Gross *1727* Built at *South Shields* When built *1874. 6*

Ditto, Net *1114* Owners *J.P. Bert. Barber & Co* Port belonging to *Antwerp*

Diameter of Cylinder *32" x 60"* Engines made by _____ When made _____

Length of Stroke *36"* Boilers made by _____ When made _____

Pressure of Steam *70 lb* If Surveyed Afloat or in Dry Dock _____

Registered Horse Power *150* Classified _____ Years assigned _____ Character in Register Book. *90 A1*

Last Survey No. *7/80* Port *Antwerp* *4/80*

Particulars of Repairs and Examination of Machinery and Boilers

Nov. 3^d 1880 I visited this ship, and found main crank pin
barrier broken both top, and bottom ones. Recommended new ones.
Forward feed pipe plunger stem broken off at crosshead.
Recommended new stem inserted. After bilge pump chamber burst.
near bottom. Recommended a new one to replace the same.
Bilge pump discharge pipe burst at head line.
Recommended to repair the same
Starboard furnace of starboard boiler leaking around a small
patch located above grates, the riveting was firm
Recommended to recaulk the same
Port boiler middle furnace found a heavy patch above grates line
Recommended a new patch properly put on. Shells of both boilers
leaking in several places. Recommended carefully caulking.
Forward and after winches, main drum shafts and the inter-
mediate shafts were bent by hauling ship off shore while aground
at Krutch harbour between sea of Azof and Black Sea
Recommended to straighten these shafts. Forward main pipes
steam pipes on deck were bent and leaky, and the boxing over
same was washed away, also the pipe fastenings
Recommended to restore all to good condition
The section of shaft next adjoining the tail shaft has at
about 20 inches from its forward coupling what appears like
two deep longitudinal seams on the forging on opposite (cores)

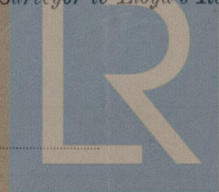
General Observations, Opinion, and Recommendation:—The repairs to this vessel having
been executed to my entire satisfaction I now consider her mach-
inery to be in good seaworthy condition, and I would recommend
that she remain as now classed on Register Book at Lloyd's.

Entry or Registering Fee ... £ ...
Survey Fee ... £ *6* : ... received by me, *Mr* 18 *80*
Certificate (if required) ... £ *1* : *10*
Travelling Expenses, if any, £ *7.10*

Committee's Minute 18

Assigned

Herman Winter
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.



Lloyd's Register
Foundation

sides of shaft

Recommended a clamp over same made of proper strength
as a safeguard, as soon as it can be obtained.

Starboard crutch of main steam escape pipe from safety valve
broken off. Recommended to repair the same

On my final visit of Nov. 12th I found that my recommendations
had been faithfully carried out, and the ship fully restored to
a good condition. Hermon W. Winter

This submitted that the vessel
is eligible to be renewed
as classed.

1/11
6/10/50



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