

Report of Survey for Repairs, &c., of Engines & Boilers.

MONDAY 9 JAN 1888

Date of Writing Report *28th Dec 1887* Port of *Cardiff*
 Survey held at *Cardiff* Date, first Survey *14th Nov* Last Survey *25th Dec 1887*
 (No. of Vists. *many*)
 In the Machinery of the *Iron Steamer Bakuin* Tons, Net *999* Gross *1531*
 and Afloat or in Dry Dock *Mont Stuart Dry Dock* Vessel built at *West Hartlepool* in 1886 Engines made in 1886
 (State name of Dock.)
 In Boilers *2* Made in 1886 Donkey Boiler made in 1886 Working Pressure, Main Boilers *150 lbs.*;
 Pressure, Donkey Boiler *- lbs.*; Owners *A. Smart* Port *London*
 by No. *Port* Class of Vessel and Machinery *100 A.L. 6.8.86*
 (As in Register Book.)

Particulars of Repairs and Examination

Specify the cause of Repairs if any, and, in detail, the nature and extent of Examinations and subsequent Repairs.

Amount of Damage should be separated from Repairs due to other causes. State also the dates and initials of any letters respecting this case.

Surveyor personally go inside each Boiler separately (including the Donkey Boiler, if any), } *Main boilers in*
 make a thorough examination at this time?
 If not done, state for what reasons?

Parts of the Boilers could not be thus thoroughly examined?

Special means, in the absence of internal examination, were adopted by the }
 Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? }

*It is stated to have been sustained through being struck by the
 ventwater on 11th Nov 1887 resulting in the after portion of the
 including engine room and stokehold being submerged.
 One engine entirely opened up cleared and refitted. All
 lifted cleaned and coupled up again. Cement and
 removed for examination of cylinders and casing replaced and
 good. Steam pipes and valves removed, tested, and replaced
 of stop valve to steering gear renewed. Stop valve to No 3
 renewed. Wheel of starting valve renewed. New air fitted
 to the valve. Bilge pipes, portlines taken to pieces cleaned
 re-jointed. New centre bilge pipe and bilge injection pipe fitted
 lids and seats fitted to bilge pump valves. New door
 strain plate fitted to mud box. New grating box fitted
 to the well. Tank suction pipe to ballast donkey repaired.
 coars fitted to oil pipes. All donkeys, the electric
 very, and telegraph overhauled cleared and put in working
 Engine room and stokehold painted. Skylight top which
 removed to facilitate repairs, replaced.*

*All mountings and fitted removed from boilers. Flange
 fitted and the boilers tested by hydraulic pressure to*

Observations, Opinion, and Recommendation:—

By what alteration, if any, is suggested to be made in the existing classification and notation of the vessel's machinery in the Register Book, consequent upon this survey.

*As far as seen, the machinery is in good and satisfactory
 condition eligible in my opinion to remain as classed.*

tion Fee (per Sec. 27).....	£ — : — : —	Fees applied for	311 1888
ation 28).....	£ 1 : 1 : 0		
se (per Section 28).....	£ 6 : 6 : 0		
quired as per margin.....	£ — : — : —	received by me,	511 1888
as (if chargeable).....	£ — : — : —		

James H. Marriot
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

s Minute



It is submitted that this vessel
is eligible to remain as
classified.

DF

9/1/87

Cardiff

Survey of the Steamer

to per square
things replaced
1 and bottoms
150 lbs per square
two new plates

Thimble of the
cap and pin
over defective
sider stuffing
new neck for
in cork fitted

Cardiff

Continuation of Report No. 2987. dated 24th Decr. 1887 on the

hull of the Steamer Batum.

to per square inch with satisfactory result. Fittings and
things replaced and made good. Bulwarks covered with
h and bottoms painted. Safety valves seen blowing off
150 lbs per square inch. Stokehold flooring renewed
the new plates fitted.

Thimble of H.P. cylinder removed, bored out, and refitted.
cap and rings fitted to H.P. piston. Brass patch
over defective spot on H.P. cylinder bottom. H.P.
cylinder stuffing box regreased. H.P. valve spindle turned
new neck bushes fitted and glands retouched. New
cork fitted to condenser. Air valve fitted to air pump.

James H. Manser.