

## Report of Survey for Repairs, &amp;c., of Engines and Boilers.

(Received at London Office)


London

Date of writing Report *Feb 26* 1899 When handed in at Local Office *March 3* 1899 Port of *Marathon*  
 No. in Reg. Book. *518* Survey held at *Guaymas Feb 26* Date, First Survey *Feb 26* 1899 Last Survey *Feb 26* 1899  
 on the Machinery of the *Wood, Iron on Steel S. tug Altata* Master *Robinson*  
 Tonnage Gross *116* Net *79* Vessel built at *London* By whom *H. Walker & Co.* When *1881* Boilers, when made (Main) *1888* (Donkey) *1888*  
 Registered Horse Power *28* Engines made at *Birmingham* Owners *Western Ry. Co. of Mexico Ltd.* Port *Maratlan.* Voyage  
 No. of Main Boilers *1* If Surveyed Afloat or in Dry Dock (State name of Dock.)  
 No. of Donkey Boilers *1* Steam Pressure in Main Boilers *75 lbs* in Donkey Boilers

Last Survey No. *3* Port of *Guaymas*  
 Particulars of Examination and Repairs (if any)

(Periodical Surveys, when held, must be reported in detail and verbatim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.)

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned how expired.	Machinery and Boiler Surveys (including date of N.B., if any).
		
<i>1,99</i>		<i>L.M.C. 12-97</i>

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *I personally went inside boiler*  
 Do. " Donkey " " "

If this was not done, state for what reasons?

And what parts of the Boilers could not be thus thoroughly examined? *all parts of boiler were examined and properly cleaned*  
 Also what 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? *by personally examining the boiler after it was clean*

Did the Surveyor examine the Safety Valves of the Main Boiler? *examined* To what pressure were they afterwards adjusted under steam? *set to 75 lbs.*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *no donkey* To what pressure were they afterwards adjusted under steam?

Has the propeller shaft been drawn and examined at this time? *yes* If spare propeller shaft fitted, state whether new? *propeller shaft fitted and new*

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? *New Lignum vitae bearings and rose shaft*

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? *7/4 m*

The boiler was completely overhauled and properly scraped inside and had eight new stay tubes put in, and also overhauled machinery under steam and found all the Machinery in good running order and has I made my passage from Guaymas to Altata and Marathon I was able to judge that the Machinery was in good working order and no knocking whatever to be heard.

## General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9,97, B.&M.S. 9,97 or L.M.C. 9,97, &c. Id., F.D., &c.)

There is no alteration to be made whatever on the machinery and I consider said machinery to be in good running order for a long time to come.

Office or Registration Fee (per Sec. 27).....	£	:	:	Fees applied for
Survey Fee per Section 28).....	£	:	:	18
Special Damage Fee (per Section 28).....	£	:	:	Received by me,
Travelling Expenses (if chargeable).....	£	:	:	18

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

State if Certificate is required

Committee's Minute

Assigned

FRI. 28 JUL 1899

FRI. 8 SEP 1899

*Deferred 25/2/99*



Lloyd's Register  
Foundation

LN317-0484

Screw shaft examined  
Boiler examined, and machinery  
examined under steam  
Eight new stay tubes fitted in Main Boiler

It is submitted that  
this vessel is eligible for  
THE RECORD. B.S. 2.99

A.C.A.

2.6.99.

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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