

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

Date of writing Report *April 18th 1898* When handed in at Local Office *April 18th 1898* Port of *Marshall*
 No. in Reg. Book *483* Survey held at *Port of Guaymas* Date, First Survey *Dec 1897* Last Survey *Dec 1897*
 on the Machinery of the *Wood, Iron or Steel* *Sc Lug "Altata"* Master *Juan Ochoa*
 Tonnage { Gross *116* Net *79* Vessel built at *London* By whom *W. Walker & Co* When *1887* YEAR. MONTH.
 Registered Horse Power *28* Engines made at *Birmingham* Boilers, when made (Main) *88* (Donkey) *88*
 No. of Main Boilers *2* Owners *Western Railway Co of Mexico* Port *Magatlan* Voyage *to Marshall*
 No. of Donkey Boilers *2* If Surveyed Afloat or in Dry Dock *on Slipway*
 Steam Pressure in Main Boilers *75* (State name of Dock.)

Last Survey No. *2* Port *of Guaymas*
 Particulars of Examination and Repairs (if any)

Periodical Surveys, when held, must be reported in detail and variation in the terms of the Rules. State clearly the nature 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 date 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 now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
* 100A1 10.90		LMC 10.90
r No-3-10.90		

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *went inside boiler and found all tubes badly salted, old tubes*

If this was not done, state for what reasons? *Taken out, and replaced by new tubes*

And what parts of the Boilers could not be thus thoroughly examined?

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? *Several holes were bored through boiler*

Did the Surveyor examine the Safety Valves of the Main Boiler? *Safety valve examined* At what pressure were they afterwards adjusted under steam? *Adj. at 75 lbs*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *no donkey boiler* At what pressure were they afterwards adjusted?

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

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? *all the machinery has had a complete rehauling, also all new brass bearings and a new thrust bearing, all the machinery has been properly taken care of and is in good order*

See over

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, R.S. 9.55, B.&M.S. 9.95 or L.M.C. 9.95, 110 lb., F.D., &c.)

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

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

Date if Certificate is required

Committee's Minute

Assigned

FRI. 13 MAY 1898

FRI. 20 MAY 1898

Lmb 12 97



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TUES. 17 JAN 1899

Lloyd's Register

FRI. 20 JAN 1899

LON 715-0314

59872 Lon

Answers to Lloyd's Secretary

In regards to the machinery everything has been overhauled and fixed properly, every ^{thing} that was bad has been renewed, the boiler was completely cleaned and holed in several places, and all new tubes replaced, also condensers, condensers and all valves reset, and new thrust bearing, also propeller taken off and shaft and stern bushing and safety valves set at 75 lbs per square inch.

Marathon Mexico April 18th 1898
J. J. Abandue
C. H.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

Low state examined also all
parts of machinery Boiler substituted

It is submitted that
this vessel is eligible for
THE RECORD. J. H. C. 1297

7/12
12/15/98



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