

# Report of Survey for Repairs of Engines and Boilers.

No. 25 (Genoa Book)

(Received at London Office, 29/6/80)

No. in Reg. Book. Survey held at *Marseille*

Date, first Survey *15<sup>th</sup> June* Last Survey *16<sup>th</sup> June 1880*

*201* on the Machinery of the *S.S. Manilla, late Whampoa* (Number of Visits *two*)

Tonnage, Gross	<i>3308</i>	Built at	<i>Newcastle</i>	When built	<i>1873</i>
Ditto, Net	<i>2484</i>	Owners	<i>Messrs R. Rubattino &amp; Co</i>	Port belonging to	<i>Genoa</i>
Diameter of Cylinders	<i>52" - 98"</i>	Engines made by	<i>Messrs Palmer &amp; Co</i>	When made	<i>1873</i>
Length of Stroke	<i>52"</i>	Boilers made by	<i>" " "</i>	When made	<i>1873 -</i>
Pressure of Steam	<i>60 lbs</i>	If Surveyed Afloat or in Dry Dock		Classed	<i>100 A 1</i>
Registered Horse Power	<i>500</i>			Years assigned.	<i>100 A 1</i>
Last Survey No.		Port	<i>Marseilles</i>	Character in Register Book.	<i>S.S. London &amp; Co</i>
					<i>1877-</i>

Particulars of Repairs and Examination. *The vessel was visited in the Bassin de radoub. The engine was overhauled & found in good working order. The following repairs have been done - viz -*

*The after crank shaft being found defective in the crank pin was taken out and a new spare shaft put in its place -*

*The L.P. piston repaired. - a new H.P. valve spindle - The L.P. eccentric sheaves changed - all the brass bushes in the piston & valve rod glands changed - The Bilge pump Cast Iron plungers replaced by brass ones -*

*Boilers - Some small repairs have been done to the ash pits of several furnaces, & a patch which had been put on one of the expansion rings of one furnace in England was renewed - The front plates, under the furnaces, in wake of the mud hole doors being corroded, were strengthened by an internal lining 9/16 thick, well rivelled - The general condition of the Boilers is good -*

*Donkey Boilers - The old winch Boiler being so small that, the main Boilers had to be kept in pressure while in port, it was taken out & replaced by two smaller vertical ones of the following dimensions - Diameter 5'8" x 12'0 high above grate x thickness 5/8, double rivelled -*

*Furnace - Diam. at bottom 4'9" - is at top 4'3" - of 1/2" plate - with 3 cross tubes - 11" diam - Funnel 15 1/2 diam -*

General Observations, Opinion, and Recommendation: - *The Engine & Boilers are in good working condition, & worthy to be continued as classed*

Try or Registering Fee ... £

Survey Fee ...

Certificate (if required) ...

Rolling Expenses, if any, £

Committee's Minute

Assigned

received by me,

4/1880

Friday July, 2nd 1880

*Francis Westerman*

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



Lloyd's Register Foundation

120493-0282



Grate area 17.4 square feet - Safety Valve area 7 1/2 square  
The workmanship is gone - The Boilers were tested to  
130 lbs - Working pressure 50 lbs -

Francis Westerman

26952 Iron Rigs

The Machinery of this vessel has  
been examined and repaired, and is  
now reported to be in good  
condition. Submitted that  
she is eligible to remain  
as cleared and stays No. 680  
recorded MD 29.6.80

27/80



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