

Report of Survey for Repairs of Engines and Boilers.

No. 31.

(Received at London Office, *Per 26/6/80*)

No. in Reg. Book. Survey held at *Malta* Date, first Survey *May 15th* Last Survey *June 9th* 1880
 5. on the Machinery of the *Iron S. S. H. P. Stephenson* (Number of Visits *12.*)

Tonnage, Gross	<i>962.</i>	Built at	<i>Newcastle</i>	When built	<i>1871.</i>
Ditto, Net	<i>624.</i>	Owners	<i>Gen. Iron & Coal Co^o</i>	Port belonging to	<i>London</i>
Diameter of Cylinders	<i>28" & 54"</i>	Engines made by	<i>Thompson, Boyd & Co^o</i>	When made	<i>1871</i>
Length of Stroke	<i>30"</i>	Boilers made by	<i>Thompson, Boyd & Co^o</i>	When made	<i>1871.</i>
Pressure of Steam	<i>53.</i>	If Surveyed Afloat or in Dry Dock	<i>Afloat & Dock Pontoon</i>	Classed	<i>90. A1</i>
Registered Horse Power	<i>120.</i>				<i>1. 80</i>
Last Survey No.	<i>2556280</i>	Port	<i>Newcastle. Iron</i>		

Particulars of Repairs and Examination This vessel was towed into port on the night of May 14th 1880, having broken her ~~after~~ length of propeller shafting when at some distance from this Island.

On removing shaft from stern tube after vessel was lifted on the Hydraulic Dock Pontoon, it was found to be broken close to the fore end of after brass sheath, the shaft was somewhat eaten into by galvanic action and was slightly hollow, but not more than is usually found in vessels of her age. The shaft has had a new end welded on to it, new sheathings & a new after stern bush has been made & fitted. The Engines have been opened out, and carefully examined & all defects made good. The shafting in tunnel has also been examined and bearings adjusted. All pumps, valves &c have been overhauled & put in good order.

The rudder was also found in need of several repairs & has been thoroughly overhauled & all defects made good.

Full particulars of the work done, & replacements made will be seen in the annexed copies of reports of surveys held on account of the Underwriters of Ship & Cargo.

General Observations, Opinion, and Recommendation:— The Engines, Shafting, Rudder &c have been rendered in good & efficient working order, and the Boilers are fit to continue working for the limited time assigned to them as per List of Vessels &c No. 3. dated March 31st 1880.

Entry or Registering Fee ... £ : :
 Survey Fee ... £ 10 : 10 : received by me, *Jm Hinchcliffe*
 Certificate (if required) ... £ : : *June 14th 1880.*
 (Travelling Expenses, if any, £)

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

Committee's Minute

18

Assigned



Lloyd's Register
Foundation

IRON 494-0326

This vessel's machinery has been damaged and
repaired at Malta and is reported to be
in good condition submitted that she is
eligible to remain as cleared.

2d Johas does he purchase ^{MP} 28.6.80
man by the Thames Time

This vessel has a limited certificate
in consequence of the condition
of her Boiler which has
to be examined in Aug-
1881 - Noted

MP 9.8.80



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