

Report of Survey for Repairs of Engines and Boilers.

No. 86
 Survey held at *Grangemouth* Date, first Survey *15th Decr* Last Survey *18th Decr* 1880
 156 on the Machinery of the *T.S.S. "Nelson"* (Number of Visits *2*)
 Tonnage, Gross *438* Built at *Sunderland* When built *1868*
 Ditto, Net *276* Owners *J. Crawford* Port belonging to *Grangemouth*
 Diameter of Cylinder *22" & 40"* Engines made by *Kincaid Donald & Co* When made *1878*
 Length of Stroke *30"* Boilers made by *" "* When made *1878*
 Pressure of Steam *65 lb* If Surveyed Afloat or in Dry Dock *dry dock* Classified *A1*
 Registered Horse Power *70* Years assigned *4.80*
 Last Survey No. Port

Particulars of Repairs and Examination of Engines and boilers in accordance with the requirements of the Rules for Special Survey No. 3 for iron ships

The Engines have been laid open for inspection, and examined Cylinders. Pumps. Valves. Cranks and tunnel shafting journals. also condenser and bilge piping all have received a general overhaul and new lock glands and keys fitted on sea cocks under engine platform also bilge piping renewed where indented. sluice door worked from cylinder platform has been fitted at this time on tunnel where joined to engine room bulkhead the after length of shafting has been drawn in; and wood fitted in after bearing.

Exd outside of vessel in dry dock Stern Bush. Propeller Sea Cock openings and shaft all in order

Boiler in good order only requiring small patch fitted on side of after end of port furnace which has been done at this time boiler mounting also in good order

Donkey boiler in good order

General Observations, Opinion, and Recommendation:— The boiler and machinery of this vessel having received a general overhaul at this and is now in good working order and in my opinion eligible to remain as entered into the Register Book Lloyd's M.C. in red *3-78*

Entry or Registering Fee ... £ ...
 Survey Fee ... £ 2 : 2 : received by me, *H. S.*
 Certificate (if required) ... £ ... 2 : 6 : *21st Decr, 1880.*
 Travelling Expenses, £ 3.6.6

Committee's Minute

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Assigned

Lloyd's Reg 12.80

John Sturrock
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.
 Dundee & District

Lloyd's Register
 Foundation

IRON 47-0209

It is submitted that this
vessel is eligible to have
the notification Lloyd's MC
12.80 recorded in the
Register Book

PM

30/12/80



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