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Lloyd's Register

Dundee

19th June 1879

Sir I respectfully beg to acknowledge receipt of your letter of the 18th instant, regarding the case of the S.S. "Ella", and with reference to the inspection made on this vessel's boiler, so far, as opened out for that purpose. This being a case where the boiler being old, and in a general wasted condition, and also having the appearance where several parts had been repeatedly repaired, this led me to the conclusion that the vessel was not worthy of holding the figure 1, agreeable to Rules for Surveyors Nos 1, 2 & 3. but with frequent repairs at short periods not exceeding three months I would not say that the safety of the vessel would be endangered, but this could only be carried out for a short time, say, not exceeding one or two years at the most. as to the repairs required to put this boiler in fair working condition with say a steam pressure not exceeding 50 lbs. it would be necessary to have the faulty parts cut out of the furnaces

where they are repaired by doubling pieces
and proper patches riveted in. also several
of the longitudinal bolt stays should be
renewed, and also from appearance the
girder stays would require to be served
in like manner. The seams round the
bottom of boiler would also require a
number of the leaking rivets taken out
and replaced, and possibly some new patches
fitted into the plates where they are wasted.
The screw stays in the combustion chambers
I did not see and it is likely a number
of these may have to be renewed at the
same time. It is possible there may be
other repairs necessary, as I had not an
opportunity of making a thorough inspection
of this boiler.

I am Sir
Your Obedient Servant
John Sturrock

The Secretary,
Lloyd's Register
London

20/6/79
H Parker Esq Esq M.A.



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Lloyd's Register
Foundation
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Dundee 17pm
W. Howarth

Re 20
Ans 20

"Ella"



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