

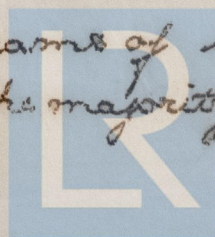
Aberdeen

31<sup>st</sup> July 1900

James C. Murphy.

the Owner, Survey the main boiler of the S.S. "Ballochbuie", 889 Tons gross, on the 31<sup>st</sup> July 1900, and subsequent dates while lying at the quay in the Victoria Dock to ascertain the nature and extent of the damage stated to have been caused by the feed water in the boiler being pumped over-board while the water was being circulated in raising steam on the 20<sup>th</sup> July 1900.

Examined the boiler inside and out and found evidence of the heating surfaces having been subject to great heat with no water in the boiler, recommended, that the boiler be tested by hydraulic pressure to 340 lbs and on further examinations of the boiler under ~~the~~ this pressure found the caulking started and the following parts leaking; the furnace mouths, the lower seams of front and back tube plates several parts in the seams of the combustion chambers side plates, the majority of the plain



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plain;

and stay tubes at both ends, the through stay  
between the two centre furnaces and several  
screw stays.

Further Recommended: that the furnace  
mouths, lower seams of front and back tube  
plates, seams of the combustion chamber side  
plates be recaulked, the plain tubes be  
reexpanded and the stay tubes recaulked  
the nuts on the through and the screw  
stays found leaking to be removed, the stays  
recaulked and the nuts refitted on completion  
of the repairs, the boiler to be again tested  
by hydraulic pressure to 70 lbs.

These recommendations have been  
made in order to place the boiler in as  
good condition as it was in before having  
sustained the damage in question.

James C. Surpin  
Surveyor to Lloyd's Register

Fee £2:2:0

Less 10% 4:0  
£1:18:0



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