

COPY.

# Lloyd's Register of Shipping.



Port of PORT NATAL.

18th April, 1936.

This is to Certify that

ALEXANDER HARGREAVES BOYLE.

the undersigned Surveyor to this Society did at the request of  
Master, survey the Main Boilers of the S.S. "HOPESTAR",  
amount of reported defects to the Superheater Elements and leakage  
Combustion Chamber stays.

On examination the undersigned found the torpedo ends of the  
heater Elements swelled as follows from an original of  $1\frac{3}{8}$ " and  
al cracked.

STARBOARD BOILER.

<u>Port Furnace.</u>	<u>Centre Furnace.</u>	<u>Starboard Furnace.</u>
Elements swelled to of $1\frac{1}{8}$ ".	All elements swelled to a max. of $2\frac{5}{16}$ ".	3 elements swelled to a max. of $1\frac{29}{32}$ ".

PORT BOILER.

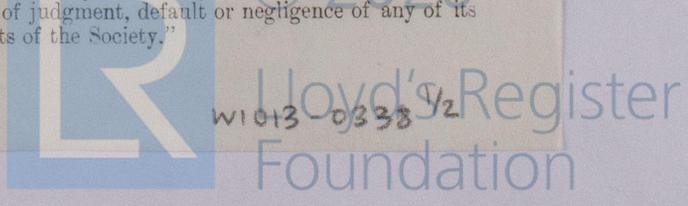
<u>Port Furnace.</u>	<u>Centre Furnace.</u>	<u>Starboard Furnace.</u>
1 element swelled to $1\frac{15}{16}$ ".	3 elements swelled to a max. of $1\frac{15}{16}$ ".	2 elements swelled to a max. of $1\frac{31}{32}$ ".

The following number of stays were found to be leaking in the  
Combustion Chambers:-

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that :-

"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default or negligence of any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."

(Rp. 1) 10m.1.35.



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Transfer Ink.  
are requested not

Survey  
Special

2.

S.S. "HOPESTAR."

STARBOARD BOILER.

<u>Port C.C.</u>	<u>Centre C.C.</u>	<u>Starboard C.C.</u>
10	23	22

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PORT BOILER.

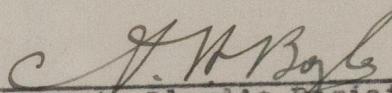
<u>Port C.C.</u>	<u>Centre C.C.</u>	<u>Starboard C.C.</u>
5	10	8

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In the centre combustion chambers of both main boilers 3 ft. seam and 10 rivets were also found to be leaking.

It was recommended that all the Superheater Elements be removed. Nuts of all leaking stays removed, the stays re-caulked and nuts replaced. Also the leaking seams and rivets re-caulked.

The above repairs have been efficiently carried out and the vessel is proceeding with Saturated Steam.

  
 Surveyor to Lloyd's Register  
 of Shipping.



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Foundation

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