

COPY

# LLOYD'S REGISTER OF SHIPPING

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Telephone: ROYal 9166  
Telex No.: 24305

29th June, 1967.

C.  
RNC/MRW.

Dear Sirs,

## Motorship "RAPHAEL"

Our Surveyors have recently reported an instance in which one of the water drum ends of a water tube boiler was found to be cracked internally through more than half the plate thickness in way of the boundary of the welded-on compensating ring for the manhole. The Boiler was manufactured about six years ago and the defective end has been removed for full metallurgical examination to ascertain the cause of the failure.

It is believed that the main boilers in your vessel mentioned above have drum end plates where the manhole compensation is of similar design. Although in the case of the defective boiler already mentioned, only one end out of a possible eight was affected, it is nevertheless considered that any similar design known to be in service should be examined at the earliest opportunity, in view of the serious consequences which could arise from this form of cracking.

In the circumstances if class is to be maintained with this Society, the Committee must ask you to make arrangements for an examination to be made of the auxiliary boilers in the "RAPHAEL" at the earliest opportunity. Please therefore reply immediately to the letter that was sent to you on 15th instant about the Auxiliary Boiler Survey that is now due.

Yours faithfully,

Classification Manager.



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