

s.s. "MIDDLESEX", owned by the Federal Steam Navigation Co.

This single screw steamer is engined with two turbines with a double reduction gear.

A letter has been received from the Newcastle Surveyors stating that the ~~original~~ reduction gear, which is of the rigid type, has not given entire satisfaction, and that the wheels are to be re-shrouded. It is also proposed to arrange a flexible seating, which is formed by four girders fitted diagonally which are riveted to the tank top at their ends only: at the mid length of these diagonal girders four additional girders are fitted and are connected to the first four girders only and not to the tank top plating. These last girders carry the reduction gear.

It is understood that this arrangement has already been successfully fitted, and it is submitted that provided the arrangements be carried out as shown on the plans and to the satisfaction of the Society's Surveyors the same might be approved.

Duplicate plans to be retained.

For 21/10/24  
and 27th.  
2 plans  
2 Retained

24.10.24

L.R.C.

To 27/10



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Lloyd's Register  
Foundation

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Enclosed.