

Ship's Name SS/MS, "KAVO MATAPAS"

Port Bilbao

Rpt. No. 13939

Damage - stated to have been caused by excessive deposits of salt water scale on the heating surfaces on 11th January, 65

FOUND.-

Port Boiler.

Port C.C. Deformation of the combustion chamber back plate at its lower part for a height of about 1 metre.

Port furnace crown deformed at aft end for a length of 1.3 m. and each side bulged inwards to a depth of 500 mm. with two fractures in plating.

46 plain tubes wasted at ends.

Centre C.C. Deformation of the combustion chamber back plate at its lower part for a height of about 1 m.

Centre furnace, slightly deformed at bottom, near centre of its length.

14 plain tubes wasted at ends.

Starboard C.C. Deformation of the combustion chamber back plate at its lower part for a height of about 1.6 mts.

Starboard furnace, slightly deformed at bottom near centre of its length.

24 plain tubes wasted at ends.

Combustion chambers and furnaces on the water side coated with scale of about 12 mm. thick.

STARBOARD BOILER.

Combustion chambers and furnaces on the water side coated with scale of about 12 mm. thick.

Port furnace.

41 plane tubes wasted at the ends.

Centre furnace. 61 plane tubes wasted at the ends.

Starboard furnace. 31 plane tubes wasted at the ends.

NOW DONE.- PORT BOILER

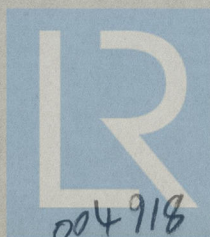
Port combustion chamber back plate renewed at its lower part, for a height of about 1.2 mts. 29 combustion chamber screwed stays renewed.

Port furnace removed; as the rivet holes in the new furnace flange did not coincide with the holes in the original flange, it was necessary to cut off the flange of the new furnace and electrically weld the flange cut from the old furnace. After the repair the new furnace was annealed.

46 defective plane tubes renewed.

Centre C.C. Combustion chamber back plate renewed at its lower part for a height of about 1.2 mts. 23 combustion chamber screwed stays renewed.

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Lloyd's Register  
Foundation

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Port

Bilbao

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Deformation of the furnace at its centre lower part faired in place.

14 defective plane tubes renewed.

STARBOARD C.C. Combustion chamber back plate renewed at its lower part for a height of about 1.650 mm. 43 combustion chamber screwed stays renewed.

24 defective plane tubes renewed.

Deformation on the furnace at its centre lower part faired in place.

On completion of the repairs Port boiler was hydraulically tested and repairs found satisfactory.

STARBOARD BOILER.

Port furnace. 41 plain tubes renewed

Centre furnace. 61 plain tubes renewed.

Starbd. furnace. 31 plain tubes renewed.

3 Screwed stays renewed.

Main condenser was opened up, examined and tested, three tubes found with stoppers fitted.

The stoppers were removed and the condenser tested. Considerable leakage noted through the mentioned tubes.

NOW DONE. Three condenser tubes renewed and condenser tested.

Damage stated to have been sustained on the 2nd January, 1965  
Propeller damage stated to have been caused during efforts to refloat the vessel in Suez Canal.

FOUND

The four blades badly distorted (See photos attached).

NOW DONE. Propeller removed and blades faired in accordance with instructions to Surveyors Part 3b 1957, Amendment N<sup>o</sup> 4.

*Juan P. Aleda*