

3 - NOV 1939

Electrical Installation Report No.4920

The Electrical Installation as shown in Report 13 and in the plan forwarded by the Piraeus Surveyors does not conform to the Requirements of the Rules for Electrical Equipment in the following points:-

- (a) The cables from the Main Generator to the Switchboard in the Engine Room are shown as Rubber and Cotton Fibre Insulated - partly in Iron Tubing. These cables are to be either lead covered or completely in conduit (See Section 6, Clause 3 (e)).
- (b) The fuses in the Distribution Boxes are to be double pole and of approved pattern (See Section 7, Clause 2 (a)).
- (c) The Engine Room lighting is to be arranged on two separate circuits (See Section 7, Clause 6).
- (d) The switchboard is stated to be of marble, which is semi-insulating material, and should therefore have all conducting parts insulated with mica or other approved non-hygroscopic insulating material. The switchboard should be similarly insulated from the frame (See Section 3, Clause 2 (c)).
- (e) There are more outgoing circuits shown on the plan than there are detailed in the Report.

It is noted that the Piraeus Surveyors state that the fuses on the Main Switchboard do not comply with the Rules and will be replaced when the vessel arrives in the United Kingdom.

It is submitted that the Piraeus Surveyors' attention be drawn to these points and they be informed the equipment is to be brought into line with the requirements as soon as possible. They should state when and where the Owners propose to do this.

Their comments on the foregoing discrepancies might also be requested.

Retain Plan.

1.11.39.

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