

m.t. "GEORGIUS MANOLAKIS", R.B. No.12350.  
Electrical Installation.

IT IS SUBMITTED the Piraeus Surveyors be informed that the contents of their letter of the 16th November, 1959, have been examined in conjunction with the plans of the electrical installation and their Report on Electrical Equipment No. 8228.

From the plans it would appear that a telephone and the echo-sounder transmitter and receiver are fitted in the pumproom. This arrangement contravenes the requirements of paragraph M.1528 (previously M.1530) but may be accepted provided:

- a) The telephone is of the intrinsically-safe type (i.e. inherently incapable of producing an incendive spark) and has been certified as such by a competent testing authority, and
- b) the echo-sounder transmitter and receiver are housed in oil-tight enclosures clear of the cargo tank bulkheads, with the cables run in heavy gauge galvanised steel pipe with bolted flange joints and led through watertight glands fitted at the external extremities of the pipes.

With regard to the pumproom lighting fittings, since the pumproom is not adjacent to the engine-room or similar safe space, it is concluded that the glazed ports for the lighting fittings are fitted in the main deck or the pumproom entrance casing. This arrangement may be accepted provided the rubber joint rings, which are liable to perish, are removed and the glass retained with cement.

In the event of the lighting fittings being located within the pumproom, the enclosures as described in the Surveyors' letter are not acceptable and are to be replaced with flame-proof enclosures.

The lighting fittings in the midships 'tween deck space are to be of flame-proof construction.

Since the items relating to the pumproom lighting and the echo-sounder in Report No.8228 do not accord with the details on the plans and in the Surveyors' letter, the Report 13 should be returned to the Surveyors and their comments requested.

APM  
16th December, 1959.

\* NOTE. Engine Reports (J.R.) to note

Retain plans.



Lloyd's Register  
Foundation

004281-004886-0127