

(Received at London Office

117..... on the Machinery of the ~~Wood, Lumber or Steel~~ S.S. "ESSO PURFLEET".....



## S.S. "ESSO PURFLEET"

Main alternator and motor cleaned, insulation resistance tested and both re-varnished.

Aftermost bearing of outboard aux. dynamo re-white metalled (wiped). Half of toothed flexible coupling renewed (wear).

Auxl. circulating pump spindle renewed (wear in way of glands). Both aux. feed pump turbine rotor spindles skimmed in way of journals and bearings remetalled, (scored). Diaphragm of one turbine renewed. The pumps overhauled, clearance rings renewed and all placed in good order. Those pumping sets placed on board as spare.

Two spare <sup>feed</sup> pumping sets generally overhauled, both flexible couplings renewed (wear), and now installed in place.

Outboard main condensate pump impeller blades built up satisfactorily by brazing (erosion). Inboard O.F. transfer pump aft bearing renewed (slack in housing).

A few side ~~water~~ <sup>wall</sup> lower tubes in both boilers renewed (sagged).

Butterworth/fire pump clearance rings and ball races renewed. Pump seating part renewed (corroded). After bilge pump impeller and spindle renewed (erosion and wear).

Steering gear pump shoes (Helishaw type) and six crosshead pins renewed (slack).

Windlass generally overhauled and adjusted.

SRL: Windlass control valve chest renewed.

The emergency Diesel and harbour turbine dynamo sets were examined under working conditions and found satisfactory. It was not considered necessary to open up these sets for examination at this time.

The main and aux. machinery tested at quayside under working conditions, governing and overspeed tests carried out and all found or made satisfactory.

ELECTRICAL INSTALLATION

2 Turbo-dynamos. (400 K.W. each)

1 Harbour dynamo. (62.5 K.W.)

1 Emergency dynamo. (75 K.W.)

The turbo-dynamos cleaned, insulation resistance tested and dynamos revarnished.

Minor faults in electric light installation removed and minor renewals effected.

The installation including motors and dynamos tested throughout on completion and insulation resistance found satisfactory.

Dynamo governing and overspeed tested and found satisfactory.

*W.C.*