

(Received at London Office



and new labyrinth packing fitted to them. In both I.P. & L.P. Turbines, a number of binding wires in the blading of rotors & casings were found broken, these have now been renewed & rebraced as necessary.

New Gearing, (see Sectr's letter M 2/3/37) :-

In accordance with arrangements made by the Owners & the Builders, the Vessel was laid up at Cockatoo Island Dockyard for the installation of a complete set of ^(including gear casing & intermediate shafts) new gearing for each of the main engines. The original gearing was removed from the Vessel and the seatings for gearings & thrust blocks of both engines have now been altered in conformity with the Builder's plan No 74 A (approved 18/1/37) forwarded by the Secretary M. 2/3/37. All rivet-holes, in the modifications & additions to seatings, were reamed & seen "fair" before riveting commenced, all rivets were hammer-tested & found tight. The bulkhead at frame No 65 was recessed one frame space back in way of intermediate shafting, to suit the modifications in connection with the gearing & thrust blocks (as shown on Builder's plan No 850). All electric cables & fittings which were removed for access in carrying out these alterations have now been satisfactorily replaced, afterwards megger-tested & found in order.

The new gearing which was supplied complete from the Builders, (Messrs Vickers-Armstrong Ltd) has now been satisfactorily installed in the Vessel & this work was carried out under the supervision of the Builder's Representatives.

On completion of the above, a basin trial was carried out on the 24th inst & full power sea trials were carried out on the 27th inst, during which, the main engines were manoeuvred ahead & astern at various speeds, auxiliary machinery electrical installation & steering gear were examined & tested under working conditions & all found in good & efficient condition.

[Signature]